

2018-2019 University Catalog

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Tulane University

Mission Statement

Tulane's purpose is to create, communicate, and conserve knowledge in order to enrich the capacity of individuals, organizations and communities to think, to learn, and to act and lead with integrity and wisdom.

Tulane pursues this mission by cultivating an environment that focuses on learning and the generation of new knowledge; by expecting and rewarding teaching and research of extraordinarily high quality and impact; and by fostering community-building initiatives as well as scientific, cultural and social understanding that integrate with and strengthen learning and research. This mission is pursued in the context of the unique qualities of our location in New Orleans and our continual aspiration to be a truly distinctive international university.

History

Tulane University, one of the foremost independent national universities in the South, is ranked among the top quartile of the nation's most highly selective universities. With ten schools and colleges that range from the liberal arts and sciences through a full spectrum of professional schools, Tulane gives its students a breadth of choice equaled by few other independent universities in the country. Tulane University's ten academic divisions enroll approximately 8,000 undergraduates and about 5,000 graduate and professional students. The schools of Architecture, Business, Liberal Arts, Public Health and Tropical Medicine, and Science and Engineering offer both undergraduate and graduate programs. Other divisions include the Schools of Law, Medicine, Social Work, and Professional Advancement. All divisions except the medical complex, which includes a teaching hospital and clinic, are located on Tulane's 110-acre campus in uptown New Orleans.

The University's origins trace back to the founding of the Medical College of Louisiana, the Deep South's first medical school, in 1834. Classes started the next year when 11 students and seven faculty members met in a rented hall; students paid for instruction by the lecture. Born of the desperate need for competent medical care in this region and of the founders' dedication to study and treat "the peculiar diseases which prevail in this part of the Union," the college quickly earned recognition. Soon the medical college merged with the public University of Louisiana in New Orleans, adding a law department and a "collegiate" department that became Tulane College. The university continued building a national reputation. J. L. Riddell, professor of chemistry, built the first successful binocular microscope in 1852. The medical department faculty fought for improved public health and sanitation; and, in 1857, Christian Roselius, an early graduate of the collegiate and law departments, was appointed Chief Justice of the Louisiana Supreme Court.

The Civil War forced the University to close. After the war, the University reopened in financial trouble. Total assets, excluding buildings, totaled \$4,570.39 in 1866. In the early 1880s, Paul Tulane provided a permanent solution by donating more than \$1 million "for the promotion and encouragement of intellectual, moral, and industrial education" Tulane had made his fortune in New Orleans before returning to his native Princeton, New Jersey; his gift expressed his appreciation to the city. The 17-member board authorized to administer the Tulane Educational Fund decided to revitalize the struggling University of Louisiana instead of founding a new

institution. Paul Tulane concurred, and in 1884, the Louisiana legislature gave the University of Louisiana to the administrators of the Tulane Educational Fund. Tulane University of Louisiana, a private, non-sectarian institution, was born. As a result of its new strength, the University was able to create the Department of Philosophy and Science, which later became the Graduate School, and initiate courses in architecture and engineering. In 1886, Josephine Louise Newcomb founded Newcomb College as a memorial to her daughter, Harriott Sophie. Newcomb was the first degree-granting women's college in the nation to be established as a coordinate division of a men's university. It became the model for other coordinate women's colleges, including Barnard and Radcliffe. Newcomb's founding is linked with the World's Industrial and Cotton Exposition which opened in Audubon Park in 1884. Several artisans who came to the New Orleans Exposition to exhibit their own work and see the works of others stayed to establish the arts program, which was at the heart of Newcomb's early curriculum. By the early 1900s, Newcomb pottery had won a bronze medal at the Paris Exposition, its fame had spread across the nation, and young women were engaged in the unusual task of earning an independent living.

In 1894, Tulane moved to its present campus on St. Charles Avenue, five miles by streetcar from its former site in downtown New Orleans. At about the same time, the Richardson Memorial Building was built on Canal Street to house the medical school. Some medical classes were moved to the uptown campus, but clinical teaching remained downtown. The medical school was split between campuses until a major reorganization in the 1960s. For a quarter of a century, Newcomb College had been on Washington Avenue in the Garden District. In 1918 it, too, moved uptown to join other divisions of the university. Around the turn of the century, Tulane's curriculum grew as several new professional schools were established, including the Deep South's first schools of architecture, business, and social work. City officials frequently consulted the College of Technology, which became the School of Engineering, on construction techniques and soil conditions. Engineering alumnus A. Baldwin Wood designed the famous Wood screw pump that helps drain New Orleans in times of torrential rains and flooding. The first student yearbook, *Jambalaya*, and the first *Tulanian*, the alumni magazine, were published. The Alumni Association was founded with 800 members, and significant contributions to the University financed new buildings, library holdings, and research facilities. The Middle American Research Institute, founded in 1924, became a pioneer in Central American archaeology and anthropology, excavating and restoring the Mayan village of Dzibilchaltun in the Yucatan.

Since then, research in many disciplines has flowered through the establishment of research centers, including: the Murphy Institute of Political Economy, the Newcomb College Center for Research on Women, the Roger Thayer Stone Center for Latin American Studies, the Center for Bioenvironmental Research, the Tulane Museum of Natural History, and the Amistad Research Center, curator of one of the largest collections in the world of primary source material on American ethnic groups, especially African-Americans.

As early as the 1890s, Tulane offered free lectures and classes to the New Orleans community. This commitment to community service was reaffirmed in 1942 with the founding of University College, now the School of Continuing Studies, which offers adult education and sponsors the annual Summer School.

After World War II, Tulane's Graduate School and the professional programs continued to grow. The university was elected to the Association of American Universities, a select group of over 60 universities with "pre-eminent programs of graduate and professional education and scholarly

research" The Tulane Medical Center, now the Health Sciences Center, was established in 1969 to include the School of Medicine, the School of Public Health and Tropical Medicine, and the Tulane University Medical Center Hospital and Clinic. The Health Sciences Center also administers the Tulane National Primate Research Center in Covington, Louisiana; the F. Edward Hebert Riverside Research Center in Belle Chase, Louisiana; and the International Collaboration in Infectious Diseases Research (ICIDR) Program in Cali, Colombia.

By their very nature, universities are organic, constantly changing in reaction to their people, their immediate environment, and the educational climate in general. Most change occurs slowly, over time; unless, of course, something happens - a hurricane, for example - to speed the process.

In the fall of 2005, following the nation's worst national disaster - Hurricane Katrina and the subsequent flooding - Tulane University was confronted with unprecedented challenges and, if those challenges could be mastered, tremendous opportunities. The administration and the Board of Tulane University were faced redefining and renewing the university for the future. University President Scott Cowen called the resulting plan "the most significant reinvention of a university in the United States in over a century"

The plan outlined four characteristics that define Tulane University

- by its unique relationship to the culturally rich and diverse city of New Orleans, characterized by its great waterways.
- by its financial strength and viability.

With these four characteristics in mind, an intensive examination of the university's organizational structure was undertaken and ways of maximizing organizational efficiency were identified. The resulting renewal plan has at its center:

- a focus on an exceptional undergraduate program that is campus- and student-centric and a dedication to the holistic development of students
- a core that is surrounded and strengthened by superb graduate, professional and research programs that build on the university's historical strengths and distinctive characteristics.

Tulane's programs were shaped by the university's direct experience with the unprecedented natural disaster of Hurricane Katrina, and the experience provided faculty, staff and students with equally unprecedented research, learning and community service opportunities that have had a lasting and profound impact on them, the city of New Orleans, the Gulf Coast region, and other world communities.

Accreditation

Tulane University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate, baccalaureate, masters, doctorate, and professional degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Tulane University.

University Administration

Michael A. Fitts

JD., Yale University

President of the University

Robin Forman

Ph.D., Harvard University

Sr. Vice President for Academic Affairs and Provost

Ana M. López

Ph.D., University of Iowa

Associate Provost

Michael Cunningham

Ph.D., Emory University

Associate Provost

Newcomb-Tulane College

James M. MacLaren

Ph.D., Imperial College, University of London

Dean

Amjad Ayoubi

Ph.D., Oklahoma State University

Associate Dean and Director of Career Services and Academic Advising

Charlotte Maheu

Ph.D., University of New Orleans

Executive Director of the Honors Program

Andrew Martinez

Ph.D., Princeton University

Associate Dean

Molly Travis

Ph.D., The Ohio State University

Associate Dean

Scott Pentzer

Ph.D., Tulane University

Associate Dean and Executive Director of the Center for Global Education

School of Architecture

Kenneth Schwartz

M.Arch., Cornell University

Dean

Kentaro Tsubaki

M.Arch., Cranbrook Academy of Art

Associate Dean

A.B. Freeman School of Business

Ira Solomon

Ph.D., University of Texas

Dean

Paul A Spindt

Ph.D., University of California

Senior Associate Dean

School of Professional Advancement

Suri L. Dutch

Ph.D., City University of New York Graduate Center

Dean

Ilianna H. Kwaske

Ph.D., Illinois Institute of Technology

Associate Dean for Academic Affairs

Patricia Oates

M.B.A., American Military University

Interim Campus Director, Biloxi

School of Law

David Meyer

J.D., University of Michigan

Dean

Stephen Griffin

J.D., University of Kansas

Vice Dean

School of Liberal Arts

Carole Haber

Ph.D., University of Pennsylvania

Dean

Kevin Gotham

Ph.D., University of Kansas

Associate Dean

Jeremy Jernegan

MFA, San Jose State University

Associate Dean

School of Science and Engineering

Nicholas J. Altiero

Ph.D., University of Michigan

Dean

Gary L. McPherson

Ph.D., University of Illinois

Senior Associate Dean

Janet Ruscher

Ph.D., University of Massachusetts

Associate Dean for Graduate Programs

Beth Wee

Ph.D., Michigan State University

Associate Dean for Undergraduate Programs

School of Social Work

Patrick Bordnick

Ph.D. University of Georgia

Dean

Jane Parker

M.S.W., University of Southern Mississippi

Associate Dean

School of Medicine

Lee Hamm

M.D., University of Alabama at Birmingham

Senior Vice President for Health Sciences

School of Public Health and Tropical Medicine

Pierre Buekens

M.D., Ph.D., Free University of Brussels

Dean

Libraries and Academic Information Resources

David Banush

M.L.I.S., Wayne State University

Dean

Student Affairs

J. Davidson Porter

Ph.D., University of Maryland

Vice President for Student Affairs and Dean of Students

Carolyn Barber-Pierre

M.A., Bowling Green State University

Assistant Vice President for Student Affairs and Director of Student Programs

Brian M. Johnson

Ed.D., Drexel University

Assistant Vice President, Housing and Residence Life/Campus Recreation

John Nonnamaker

Ph.D., Fordham University

Associate Vice President for Student Affairs.

Smita Ruzicka

Ph.D., The University of Texas at Austin

Assistant Vice President, Campus Life

Scott Tims

Ph.D., Auburn University

Assistant Vice President, Campus Health

Enrollment Management

Satyajit Dattagupta

M.B.A., Southwest Minnesota State University

Vice President for Enrollment Management and Dean of Undergraduate Admission

Rebecca Ancira

B.A., University of New Orleans

Associate Vice President for Enrollment Management

Michael T. Goodman

B.A., Tulane University

Associate Vice President for University Financial Aid

Colette P. Raphel

B.A., Tulane University

University Registrar

Bradley K. Boone

A.M., University of Chicago

Assistant Vice President for Admission and Retention Initiatives

Leila Labens

M.B.A., Tulane University

Director of Strategic Recruitment

Jeff Schiffman

M.L.A., Tulane University

Director of Undergraduate Admission

Technology Services

Charles McMahan

Vice President for Information Technology and Chief Information Officer

For Further Information

Campus Maps

[uptown campus map](#)

[google map of Tulane](#)

Office of Undergraduate Admission

210 Gibson Hall
Tulane University
New Orleans, LA 70118-5680
Phone: (504) 865-5731 or 1-800-873-WAVE (9283)
Fax: (504) 862-8715
e-mail: undergrad.admission@tulane.edu
Website: <http://admission.tulane.edu>

Offices

The following offices serve the entire university; correspondence should be directed to the individual offices: c/o Tulane University, New Orleans, LA 70118.

Academic Advising Center

Richardson Building
(504) 865-5798
Fax: (504) 865-5799
advising.tulane.edu

Tulane Academic Success center Center

Science and Engineering Complex
(504) 865-5103
success.tulane.edu

Bursar

102 Bruff Commons
(504) 865-5398
Fax (504) 862-8972
For: Financial obligations

Career Services Center

Diboll Complex
(504) 865-5107
Fax (504) 865-6712 <http://tulane.edu/hiretulane/>
For: Career exploration, employment assistance, internships

Counseling & Psychological Services (CAPS)

Science & Engineering Lab Complex, 1st Floor

(504) 314-2277 (314-CAPS)

<http://tulane.edu/health/counseling-and-psychological-services.cfm>

Financial Aid

205 Mechanical Engineering Bldg.

(504) 865-5723

Fax (504) 862-8750

<http://www.tulane.edu/~finaid/>

For: Financial aid

Housing and Residence Life

27 McAlister Drive, Irby House

(504) 865-5724

Fax (504) 862-8944

<http://www.hrl.tulane.edu/>

For: Housing information, residential programming, Greek Affairs

Honors Program

105 Hebert Hall

(504) 865-5517

Fax (504) 862-8709

<http://www.tulane.edu/%7Ehonors/>

For: Honors program

Office of International Students and Scholars

6901 Willow Street

(504) 865-5208

Fax (504) 865-5209

<http://global.tulane.edu/> or <http://global.tulane.edu/oiss/index.html>

For: Assistance for international students

Pre-professional Advising

Richardson Building, 2nd Floor

(504) 865-5798

Fax (504) 865-5799

<http://www.tulane.edu/~advisor/>

For: Prelaw and Premedical Advising

Center for Public Service

Alcee Fortier Hall

(504) 862-8060

Fax: (504) 862-8061

<http://cps.tulane.edu>

Registrar

110 Gibson Hall

(504) 865-5231

Fax (504) 865-6760

<http://www.registrar.tulane.edu/>

For: Degree audits, grade reports, transcripts, registrations, certifications

Vice President for Student Affairs

G03 Lavin-Bernick Center

(504) 865-5180

Fax (504) 865-6772

<http://studentaffairs.tulane.edu/> For: General information, judicial, orientation, parent/family weekend, leadership programs

Office of Study Abroad

6901 Willow Street

(504) 865-5339

Fax (504) 862-8765

<http://global.tulane.edu/> or <http://tulane.studioabroad.com/>

For: Information on study abroad programs

Multicultural Affairs

G04 Lavin-Bernick Center

(504) 865-5181

Fax (504) 865-6769

<http://oma.tulane.edu/>

For: Multicultural events, multiethnic student organizations, LGBT, religious life

Student Programs

G11 Lavin-Bernick Center

(504) 865-5141

Fax (504) 862-8730

<http://studentprograms.tulane.edu/>

For: Student organizations, community service, student media, student government, campus programming, and student budgets

Schools and the Undergraduate College

Newcomb-Tulane College

James MacLaren, Dean

Robert C. Cudd Hall

(504) 865-5720

Fax (504) 865-5236

<http://college.tulane.edu/>

School of Architecture

Kenneth Schwartz, Dean
303 Richardson Memorial Bldg.
(504) 865-5389
Fax (504) 865-6722
www.tulane.edu/%7Etsahome/

A. B. Freeman School of Business

Ira Solomon, Dean
440 Goldring Woldenberg Hall
(504) 865-5407
Fax (504) 865-5491 <http://www.freeman.tulane.edu/>

School of Professional Advancement

Suri L. Duitch, Dean
125 Gibson Hall
(504) 865-5555
Fax (504) 865-5562
<http://www.scs.tulane.edu/>

School of Law

David Meyer, Dean
John Giffen Weinmann Hall
(504) 865-5935
Fax (504) 862-8746
<http://www.law.tulane.edu/>

School of Liberal Arts

Carole Haber, Dean
104 Newcomb Hall
(504) 865-5225
Fax (504) 865-5224
<http://www.liberalarts.tulane.edu/>

School of Medicine

Lee Hamm, Dean
1430 Tulane Ave.
(504) 988-5462
Fax (504) 988-2945
<http://www.som.tulane.edu/>

School of Science and Engineering

Nicholas J. Altiero, Dean
201 Lindy Boggs Center

(504) 865-5764

Fax (504) 862-8747

<http://www.sse.tulane.edu/>

School of Public Health and Tropical Medicine

Pierre Buekens, Dean

1440 Canal St. Suite 2430

(504) 988-5397

Fax (504) 988-0907

<http://www.sph.tulane.edu/>

School of Social Work

Patrick Bordnick, Dean

Social Work Bldg.

(504) 865-5314

Fax (504) 862-8727

<http://tulane.edu/socialwork>

Schools, Departments and the Colleges

Newcomb-Tulane College

Founded in 2006, the [Newcomb-Tulane College](#) has administrative oversight for the full-time undergraduate experience and the common core curriculum. The Newcomb-Tulane College comprises all full-time undergraduate programs at the university, including those in architecture, business, liberal arts, public health and tropical medicine, and science and engineering. When a student designates a major, whether that decision is made upon admission or before the end of spring semester of the sophomore year, the student also will be considered a student in the school that houses that major. Ultimately, students simultaneously will be in the Newcomb-Tulane College and a school. The School of Professional Advancement oversees programs for part-time students.

Schools and Departments

As the homes of the academic departments, the schools define the requirements for the school-specific core and are responsible for designing majors/minors and the capstone experience. For graduating students, the schools also certify completion of majors/minors, the school core, and the capstone experience for the degree. The schools also deliver graduate and professional education and programs.

School of Architecture

A.B. Freeman School of Business

School of Professional Advancement

School of Law

School of Liberal Arts

Departments and Programs in the School of Liberal Arts

- [African & African Diaspora Studies](#)
- [Anthropology](#)
- [Art](#)
- [Asian Studies](#)
- [Classical Studies](#)
- [Cognitive Studies](#)
- [Communication](#)
- [Digital Media Production](#)
- [Economics](#)
- [English](#)
- [Environmental Studies](#)
- [Film Studies](#)
- [French & Italian](#)

- [Gender & Sexuality Studies](#)
- [Germanic & Slavic Studies](#)
- [History](#)
- [International Development](#)
- [Jewish Studies](#)
- [Latin American Studies](#)
- [Linguistics](#)
- [Medieval & Early Modern Studies](#)
- [Music](#)
- [Musical Cultures of the Gulf South](#)
- [Philosophy](#)
- [Political Economy](#)
- [Political Science](#)
- [Social Policy & Practice](#)
- [Sociology](#)
- [Spanish and Portuguese](#)
- [Theatre & Dance](#)
- [Urban Studies](#)

The School of Medicine

The School of Public Health and Tropical Medicine

Departments and Programs in the School of Public Health and Tropical Medicine

- [Biostatistics and Bioinformatics](#)
- [Epidemiology](#)
- [Global Community Health and Behavioral Sciences](#)
- [Global Environmental Health Sciences](#)
- [Global Health Systems and Development](#)
- [Tropical Medicine](#)

The School of Science and Engineering

Departments and Programs in the School of Science and Engineering

- [Department of Biomedical Engineering](#)
- [Department of Cell and Molecular Biology](#)
- [Department of Chemical and Biomolecular Engineering](#)
- [Department of Chemistry](#)
- [Department of Computer Science](#)
- [Department of Earth and Environmental Sciences](#)
- [Department of Ecology and Evolutionary Biology](#)
- [Department of Mathematics](#)
- [Department of Physics and Engineering Physics](#)
- [Department of Psychology](#)
- [Neuroscience Program](#)
- [Bioinnovation](#)
- [Interdisciplinary Doctoral Degree](#)

- [Biological Chemistry
Interdisciplinary Bachelors Degree](#)

The School of Social Work

Newcomb-Tulane College

Newcomb-Tulane College

Mailing Address

Cudd Hall
Tulane University
New Orleans, LA 70118

Telephone Numbers

Phone: (504) 865-5720
Fax: (504) 865-5236 Web: <http://college.tulane.edu>

James MacLaren

Ph.D., Imperial College, University of London
Dean

Andrew Martinez

Ph.D., Princeton University
Associate Dean

Molly Travis

Ph.D., The Ohio State University
Associate Dean

Introduction

Newcomb-Tulane College has administrative oversight for the full-time undergraduate experience and the common core curriculum. Newcomb-Tulane College comprises all full-time undergraduate programs at the university, including those in architecture, business, liberal arts, public health and tropical medicine, and science and engineering. All prospective undergraduate students apply to Newcomb-Tulane College for admission. A student designates a major no later than the beginning of the fourth semester. After the selection of a major, the student continues to be a Newcomb-Tulane College student as well as a student in the school in which the major resides. For example, a student who majors in cell and molecular biology is in the School of Science and Engineering and Newcomb-Tulane College.

Academic Advising Center

Mailing Address

Academic Advising Center
Tulane University
New Orleans, LA 70118

Telephone Numbers

Telephone: (504) 865-5798
Fax: (504) 865-5799
Website: <http://advising.tulane.edu>

Amjad Ayoubi
Associate Dean

The Academic Advising Center offers a centralized organization to support full-time undergraduates in creating educational plans congruent with their individual objectives. The center serves as a general information clearinghouse for the wide range of majors and minors, the program requirements throughout all undergraduate programs, and other curricular programs, i.e., service learning, study abroad.

For first- and second-year students who have not declared majors, the center serves as a primary point of contact, and the center's staff assists students to refine their academic goals, understand their choices, and assess their options, while emphasizing the belief that the students shoulder ultimate responsibility for making decisions about educational plans and setting goals and objectives. The center will continue to serve juniors and seniors to ensure progress toward their degrees, complementing the work of faculty advisers in the schools. Each school will appoint faculty members from each area or department to work with the center's professional academic advisers to formulate discipline-specific policies that meet accreditation standards. The center's staff also includes pre-professional advisers to assist students in applying to programs in law, medicine and other health professions.

Tulane success coaches partner with students to develop and achieve academic, personal, and professional goals. Pre-selected students will receive one-on-one professional coaching on a regular basis. Parents, faculty and staff may nominate students to participate in this program. Students who are interested in participating may also apply to be selected. Tulane success coaches collaborate with academic advisors, career advisors, tutors, student affairs staff, and faculty to maximize student success and opportunities for enrichment.

First-Year Programs Office

Mailing Address

Cudd Hall Mezzanine
Tulane University
New Orleans, LA 70118

Telephone Numbers

Telephone: (504) 865-5678
Fax: (504) 865-6723

The First-Year Programs office administers the TIDES, Tulane Interdisciplinary Experience Seminar series for first year-students, as well as the mechanics of the Tulane Reading Project.

Email: tides@tulane.edu

For more information on TIDES, see <http://tides.tulane.edu>.

For more information on the Reading Project, see <http://reading.tulane.edu>.

Center for Global Education

Mailing Address:

6901 Willow Street
New Orleans, LA 70118

Telephone Numbers

Telephone: (504) 865-5339
Fax: (504) 862-8765
E-mail: cge@tulane.edu
Web: <http://global.tulane.edu/>

Scott Pentzer

Executive Director of the Center for Global Education

Peter Alongia

Director of Study Abroad Programs

The Center for Global Education comprises the Office of Study Abroad (OSA), Office of International Students and Scholars (OISS), Fulbright programs, and various international grants and scholarships.

Office of Study Abroad (OSA)

The OSA maintains a portfolio of high-quality semester and yearlong study abroad programs that have been approved by the Newcomb-Tulane Study Abroad Committee. These programs are open to all qualified undergraduate students pursuing degrees in the Schools of Liberal Arts, Science & Engineering, Architecture, Public Health & Tropical Medicine, and Business.

Tulane University partners with top overseas universities and international institutions to make the highest quality overseas educational experiences available to its students. The range of subject matter reflects the particular opportunities and scholastic strengths available in each location. Language instruction is an integral part of the programs in non-English-speaking countries.

Approved Semester and Yearlong Options

The OSA administers over 120 study abroad programs for undergraduates in Europe, Latin America, Africa, Asia, and Australia. More details are available from the Office of Study Abroad web site.

The OSA currently offers academic-year and semester programs in Argentina, Australia, Brazil, Chile, China, Costa Rica, Cuba, Czech Republic, Denmark, Egypt, France, Germany, Ghana, Greece, Hungary, India, Ireland, Israel, Italy, Japan, Jordan, Malta, Morocco, Netherlands, New Zealand, Peru, Poland, Russia, Senegal, Singapore, South Africa, South Korea, Spain,

Thailand, the United Kingdom, and Uruguay. (This list is subject to change.) These programs are open to all qualified students in the Newcomb-Tulane College who meet specific eligibility requirements.

Independent Scholar Option (ISO)

Students may choose to design their own study abroad experience for a semester or year abroad through the Independent Scholar Option. The ISO offers exceptional juniors and seniors the opportunity to propose a semester or year abroad pursuing a course of study for which there is no equivalent on an existing approved program. Students considering the ISO are required to have a meeting with the director of study abroad to discuss the proposed course of study abroad and the application process.

ISO applicants must have a 3.5 GPA and should demonstrate a high degree of maturity, independence, and preparation.

Credits and Grades

Tulane credit and grades are awarded automatically for all coursework successfully completed abroad on a Newcomb-Tulane program, including the ISO. To count credits earned toward the major or minor program, students must seek the approval of the respective academic department. Please see the OSA web site for more details.

Advising for Study Abroad

Newcomb-Tulane undergraduates are encouraged to begin their academic preparation for study abroad as early as their first semester at Tulane. Students may select a program independently or in close consultation with the OSA study abroad advisor, as well as the academic and major advisors. The OSA hosts informational meetings, advising sessions, discussion groups, and panel talks to inform students of their options for studying abroad. In addition, the OSA organizes an annual fall study abroad fair to promote education abroad opportunities. A complete guide to study abroad is available on the OSA web site.

Eligibility and Selection Criteria

At the time of application, all students must present persuasive evidence of the necessary academic and intellectual strength, linguistic skills, and special preparation in the area of the proposed course of study. A compelling argument that the proposed program and destination are appropriate in terms of academic, cultural and personal goals should be clearly articulated in the application essay.

Students must also demonstrate the individual initiative and strong sense of personal responsibility required to complete the program abroad. Students must familiarize themselves with the program-specific GPA and course prerequisites when planning for study abroad. Due to high demand, competition may occur within the various programs because some have a limited number of spaces.

The student's academic and major advisors must support the application and indicate that the proposed overseas study will advance and not impede progress toward the degree. Applicants

are also asked to indicate how they expect to complete graduation requirements. Qualified students may study abroad as early as the freshman year.

Honor Code and Code of Student Conduct

Students who have been found guilty of or have pled guilty to a violation of the Code of Academic Conduct within the past year may not study abroad. If the violation was earlier than the past year, the student may apply to study abroad and the violation will be reviewed as part of the student's record. Students may not study abroad while on disciplinary probation

Tuition and Fees

For each semester abroad, participants pay Tulane tuition and the academic support service fee. Airfare, housing, meals, vacation travel, and personal expenses are extra and vary by location.

Financial Aid and Scholarships

For eligible students, all federal financial aid (Pell Grants, Supplemental Educational Opportunity Grants, Perkins Loans, Stafford Loans, and Parent Plus Loans) except for work-study awards can be applied to all Tulane study abroad programs. All Tulane University institutional aid (Dean's Honor Scholarship, Distinguished Scholars Award, Founders Scholarship, and Tulane Need-Based Scholarship), except for the housing stipends, can be used for participation in Tulane study abroad programs as well. Students must meet with their financial aid advisor to confirm their financial aid status.

There are several scholarships available for study abroad depending on location. Student should visit the OSA web site for a complete list of awards available through the College as well as those available from partner institutions.

Tulane Summer Programs

Undergraduate students can take advantage of a variety of faculty-led summer study abroad programs focused on special topics.

The OSA currently offers short-term summer programs in France, Ireland, Spain, and the UK. Some of the courses include service-learning and writing-intensive credits.

Other Tulane departments and programs, such as the Center for Public Service and the Stone Center for Latin American Studies, also offer short-term summer study abroad programs. In recent years, programs have been offered in Australia, Brazil, Chile, Costa Rica, Guatemala, India, Malaysia and Mexico.

Costs and application procedures vary by program; visit the OSA web site for a list of available summer programs

Non-Tulane Study Abroad Programs

To participate in a study abroad program during the academic year that has not been approved by the Tulane Study Abroad Committee, students must petition the Newcomb-Tulane College

Study Abroad Committee for permission to participate in a non-Tulane program. Students must schedule an advising appointment with the director of study abroad in the OSA to begin this process.

Student participating on a non-Tulane summer program must complete the "Summer Program Transfer Credit Approval" form available on the OSA web site.

Honors Program

Mailing Address

105 Hébert Hall
Tulane University
New Orleans, LA 70118

Telephone Numbers

Telephone: (504) 865-5517
Web: <http://honors.tulane.edu>

Charlotte Maheu Vail

Director

OVERVIEW

The Honors Program at Tulane offers academically-gifted and intellectually curious students of all academic majors unique opportunities for immersion in multi-disciplinary scholarship. The Honors Program embraces the ideal of scholarly engagement as a goal for all high achieving students, and this foundation is built through close contact with faculty, both inside and outside the classroom, and an active, scholarly community of their peers. Honors students take special courses designed to introduce them to the life of research and scholarship at the University, and receive special advising about postgraduate opportunities, including nationally competitive scholarships and fellowships, and special residential opportunities.

PARTICIPATION AND ELIGIBILITY

All students invited by the Office of Admission to join the Honors Program are eligible to do so by signing up for one of the Fall semester honors courses: COLQ 1010, COLQ 1020, or TIDB(H). To maintain affiliation with the Honors Program in the Spring semester, students must enroll in the Spring semester course COLQ 1030 or the second semester of TIDB(H). For more information on honors courses, see <https://honors.tulane.edu/content/program-overview>.

To remain eligible for the Honors Program, students who began the freshman year in Honors must at the end of that year have a GPA of 3.6. At the end of the sophomore year and in subsequent years, students must have a GPA of 3.8. Students who were not offered participation in the Honors Program at the start of freshman year may apply for Honors status as soon as the end of the first semester, provided they have a GPA of 3.8.

RESEARCH COLLOQUIUM AND THE HONORS THESIS

To take full advantage of the Honors Program, Honors students should also take COLQ 2010, Research Workshop (1.5 credits), either in the fall or spring of the sophomore year. This course introduces students to research opportunities in their field or fields of interest, and prepares them to begin thinking about scholarly opportunities in the junior year (including through study abroad) and the Honors Thesis in the senior year.

The culminating experience of the Honors Program is the Honors Thesis, which students write across two semesters in the senior year. The Thesis is an independent research project mentored by two faculty members in the student's major or majors. Students who complete the Honors Thesis graduate with Departmental Honors in the major or majors in which the thesis is written. (For more information, see <https://honors.tulane.edu/content/honors-thesis-0>.)

A student need not be a member of the Honors Program to complete an Honors Thesis, but a student must have a minimum GPA of 3.4 overall, and 3.5 in the major or majors in which the thesis is written. At the discretion of the Director of the Honors Program, students may be allowed to begin the thesis with a lower GPA, with the understanding that they must achieve a thesis-eligible GPA by the end of the senior year in order to qualify for Departmental Honors and for their work to count as an Honors Thesis. Students who begin the thesis, but fall below the GPA requirements for thesis eligibility at the end of the year, will (with the approval of their thesis advisors) convert their work to independent studies.

HONORS RESIDENTIAL LIFE COMMUNITIES

The Honors Program oversees two residential communities: Wall Residential College for freshmen, and Weatherhead Hall for sophomores. Both communities are overseen by faculty members in residence. The Honors Program sponsors a variety of co-curricular and social events in both buildings. For example, students in Wall participate in the activities of the Wall Societies, which are led by faculty members chosen by the Honors Program to represent a variety of academic disciplines. Programming in Weatherhead includes bi-weekly roundtables, in which faculty come to the community to discuss their research or issues of interest to the students; the roundtables are organized in large part by the student community.

HONORS STUDY ABROAD

The Honors Program sponsors a summer Study Abroad Program, that can offer special research and internship opportunities. The Study Abroad Program in Summer 2018 will be in Berlin. See the Honors Program for more information.

FUNDING OPPORTUNITIES

The Honors Program offers two kinds of funding opportunities: Honors Summer Research Grants and the Jean Danielson Memorial Scholarship Fund.

The Honors Summer Research Program is an opportunity for students to work with a Tulane professor on a scholarly project for six weeks during the Summer. Honors freshmen, sophomores, and juniors in ALL Schools are welcome to apply, and it is open to students who have no research experience or who already have some experience with research. Funding includes housing and a stipend, so students can focus on this enhanced academic experience. The program supports six weeks of research on the Tulane campus, supervised by a Tulane

faculty member. For more information, see <https://honors.tulane.edu/content/summer-research-opportunities>.

The Jean Danielson Memorial Scholarship Fund rewards outstanding honors students with grants for enrichment opportunities. To honor her legacy, every year, the Honors Program invites rising sophomore, junior and senior honors students who share Dr. Danielson's commitment to living a life of purpose and intellectual vigor to apply for funds for a research or other field experience in the US or abroad. For more information, see <https://honors.tulane.edu/content/jean-danielson>.

NATIONALLY COMPETITIVE SCHOLARSHIPS

The Honor staff includes a Coordinator for Nationally Competitive Scholarships, Jennifer Beers Ph.D., who is responsible for advising students about scholarships and other postgraduate opportunities. The Honors Program coordinates competitions and serves as the campus nominator for scholarships like the Goldwater, Truman, Beinecke, Fulbright, Rhodes, and Marshall. Conversations along these lines can begin as early as Freshman year. See <https://honors.tulane.edu/content/scholarships-fellowships>.

LATIN HONORS

Latin Honors (Cum laude, Magna cum laude, and Summa cum laude) are awarded to students at the time of graduation based solely on their GPA. The GPA requirement for these honors is set at levels so that summa = the top 5% of the graduating class, magna = the next 10% of the graduating class, and cum laude = the next 15% of the graduating class. (In 2017, for example, Summa cum laude required a 3.9 GPA; Magna cum laude a 3.8 GPA; and Cum laude a 3.6 GPA.) These standards are calculated based on the grades of the previous graduating class, and the GPA standards are communicated to rising seniors in the Senior Letter sent out over the summer.

The Washington Semester Program

Tulane participates in America University's Washington Semester Program. A small number of students are selected in the fall and spring semesters to participate in any of these programs: American Politics, Foreign Policy, International Environment and Development, International Law and Organizations, Justice and Law, Peace and Conflict Resolution, and Transforming Communities.

Each of these programs consists of two seminars, an internship and a research project. Grades and credits for the courses are included on the Tulane transcript and are factored into the Tulane grade-point average. Interested students should contact Associate Dean Molly Travis in the Dean's Office.

For more information on the Washington Semester Program, see <http://tulane.edu/college/programs/washington.cfm>.

Altman Program in International Studies and Business

Program Description

The Altman Program in International Studies & Business is a special four-year undergraduate program that integrates liberal arts and business disciplines, extensive language instruction, and two study abroad experiences in the developed and developing worlds. Altman Scholars earn two degrees - a Bachelor of Arts from the School of Liberal Arts and a Bachelor of Science in Management from the A. B. Freeman School of Business. Altman Scholars specialize in a region of the world in which their chosen foreign language is spoken, and will be able to combine practical and theoretical knowledge of global economies with deep cultural and linguistic competency. The program admits a cohort of 15 students who are selected before their matriculation at Tulane as freshmen.

Curriculum

The Altman Program combines the curricula of two undergraduate degree programs: the School of Liberal Arts and the A. B. Freeman School of Business. Students may major in finance, management, marketing, or legal studies at the Freeman School and may major in approved social science, area studies or language disciplines within the School of Liberal Arts. The link between the two majors in the schools is the interdisciplinary "Altman Core," the curricular focus of the Altman Program, which includes a common experience every semester, a summer group immersive experience abroad, a junior year abroad experience, and integrative seminars in the senior year.

Specific courses open only to students in this program include a TIDES seminar; ISIB 1010, Introduction to Globalization; ISIB 2010, Inter-cultural Communication and Business; ISIB 6010, Approaches to Global Dilemmas; and ISIB 6020, Altman Capstone.

Colloquia

Office: 105 F. Edward Hébert Hall

Phone: 504-865-5517

Fax: 504-862-8709

Program Administrator

Charlotte Maheu Vail, Director Honors Program

Colloquia usually meet once a week in a seminar format with the emphasis upon class discussion. Honors colloquia, designated by the prefix H, are open only to students in the Tulane Honors Program, to those on the dean's list, or to candidates for degrees with departmental honors. Honors colloquia on the 400 level are open to juniors and seniors (sophomores by special permission). The other colloquia listed below are open to any student in good standing. Colloquia may be used for elective credit. Consult the director of the Honors Program regarding credit for individual colloquia. For many of the colloquia listed below, the specific topic varies from semester to semester, consult the Schedule of Classes for further information or request a current course description from the Honors Program office.

Teacher Certification and Preparation

Mailing Address

Teacher Preparation and Certification

7039 Freret Street

Phone: 504-865-5342

Website: <http://teacher.tulane.edu>

Program Director

Shannon Blady, Ph.D.

Professors of Practice

Brooke Grant, Ph.D.

Richard J. Mihans II, Ph.D

Charlotte Mundy Henderson, Ph.D.

Erica Smith, Ph. D.,

Program Specialist

Monique Hodges, B.S., Louisiana State University

Tulane's Teacher Preparation and Certification Program has received state approval for the three programs (Secondary, Early Childhood and Dance) from the State Board of Elementary and Secondary Education and national accreditation from the Teacher Education Accreditation Council.. Please contact the Teacher Certification office for details.

ROTC

For more information on ROTC programs, see [here](#).

Newcomb Scholars Program

Program Description

The Newcomb Scholars Program is a unique opportunity for incoming women at Tulane who are interested in an academically enriching and shared four-year experience through undergraduate research, seminars, and experiential learning opportunities.

Credits and grades earned in INTU 1000 and in POLC 3003 will apply toward a degree. Credits and grades earned in INTU 2000 and in INTU 4000 will appear on the Tulane transcript but will not apply toward the 120 credits required for a degree.

School of Architecture

Mailing Address

School of Architecture
304 Richardson Memorial Building
Tulane University
New Orleans, LA 70118

Administrative Office

Dean: Kenneth Schwartz
Associate Dean: Wendoline Redfield
Phone: (504) 865-5389
Web Site: <http://www.tulane.edu/~tsahome/>
E-mail: tsarch@tulane.edu

Tulane's School of Architecture prepares students for positions of leadership in their communities and in the design professions. We offer academic programs and professional preparation within a context of rigorous scholarship, environmental stewardship and creative endeavor. Our degree programs address important professional concerns - creativity, intellectual advancement, professional and ethical responsibility, technical innovation, and civic engagement - while developing student's imaginative and intellectual abilities in order to provide the information and strategies needed to address contemporary design practice.

The Architecture curriculum centers on the design studio, which is the primary academic component of each semester. This studio training is coupled with imaginative and comprehensive instruction in architectural history, technology, theory, digital media, techniques of representation and professional concerns. As well, the architecture curriculum places emphasis on significant study in the liberal arts and sciences for which Tulane is renowned. Our approach in all coursework emphasizes a variety of theories, points of view, methods, and goals. We not only enable a student's development as an architect, but also further the discourse in our discipline by engaging the culture around us and expanding the traditions of architectural thought and practice.

History

The first courses in architecture at Tulane University leading to a degree in architectural engineering were offered in 1894 under the direction of Professor William Woodward. An article published in 1907 noted, "the geographical location of the city of New Orleans, its cosmopolitan character, and the age and variety of its unique building types, make it a fit place in which to develop a school of architecture which would be suited to its environment, maintain a reasonableness of planning and construction, and be recognized as appropriate to the climatic conditions." Accordingly, a full four-year professional curriculum in architecture, leading to the Bachelor's degree, was established in the College of Technology (Engineering) in the academic year 1907-1908. At that time Samuel S. Labouisse, Moise H. Goldstein, and Allison Owen joined

the staff. In 1912, Professor Nathaniel Cortlandt Curtis was appointed head of the newly independent Architecture Department; he was succeeded by Professor John Herndon Thompson in 1921 and Professor Buford L. Pickens in 1946.

At the conclusion of the Second World War, the faculty and enrollment increased to accommodate returning veterans, and the school continued to grow throughout the next two decades. John Ekin Dinwiddie was appointed dean of the School of Architecture in 1953; he was succeeded by Professor John William Lawrence in 1960. In 1971 the School of Architecture moved into its present facility, the Richardson Memorial Building, and experienced another increase in enrollment that continued throughout the seventies. Professor William Kay Turner became the dean in 1972, and in 1975 a small graduate program was initiated, offering a course of study leading to the Master of Architecture II as a post professional degree. Ronald Coulter Filson became dean in 1980. In the summer of 1990 the School began a program offering a Master of Architecture as a first professional degree for students with undergraduate degrees in other disciplines. Donna V. Robertson succeeded Dean Filson in 1992. Tulane faculty member Donald F. Gatzke was appointed Dean of the School of Architecture in 1997, just as the School initiated its new Masters in Preservation Studies. Also in 1997 a supplemental Certificate in Preservation Studies was offered to undergraduates for the first time. In 2003, the School eliminated the 5 year Bachelor of Architecture degree, replacing it with a 5 year Masters of Architecture as the professional degree. Former Architecture magazine editor-in-chief Reed Kroloff became dean in October, 2004. In 2005 the School initiated the Tulane City Center, its urban research and outreach program, as well as URBANbuild, which helps rehabilitate neighborhoods through urban design and the construction of student-designed and built housing prototypes. The School is expanding its degree offerings and international study opportunities, and has initiated a drive to fully integrate digital design throughout the curriculum.

Academic Context

The School of Architecture at Tulane University enjoys the advantages of two worlds, as part of a major private research university, and as a distinct institution with its own administration, faculty, staff, students, and physical facilities. The diversity and resources of the university support the School's curriculum, which emphasizes the broad-based concerns of architecture and its relationship to other disciplines.

Our historic building, Richardson Memorial, is located on the most historic and attractive quadrangle of the Tulane campus. This unique and pleasant environment, combined with Tulane's low student/faculty ratio, engender a personal, informal, and engaged community for learning.

The School Today

The Tulane School of Architecture today is home to approximately three hundred and fifty students who are taught each semester by twenty full-time faculty as well as part-time professionals and visiting instructors. Programs of study leading to the Masters of Architecture degree are supplemented by a variety of special academic opportunities: Architect's Week, conferences and symposia, a public lecture series, exhibitions, competitions, research opportunities, student activities, and school publications.

At present the School is undergoing a significant shift in its focus and programs. Our students will be encouraged to understand architecture as a vehicle for, and a generator of, civic engagement. We are creating a new teaching and research facility in downtown New Orleans - The Tulane City Center - in which students will take courses that emphasize innovative design in the public arena. We will offer an expanded selection of courses, as well as new joint degree programs with other academic and professional disciplines. We are adding to our already rich array of foreign travel programs. And, critically, our wireless-enabled building will become the hub of a new focus on digitally-aided design and fabrication. These and other initiatives will be reflected in the dynamic new curriculum. The Master's Degree will remain the accredited program, but incoming students should expect and understand that changes to the courses of study outlined in this catalog are likely. These changes will be thoroughly documented and explained in supplemental published materials, and it is the responsibility of each student to keep abreast of these developments through their academic advisers.

New Orleans

New Orleans is one of American's truly unique cities. Culturally rich, it is the birthplace of Jazz music, Creole cooking, and Southern literature. New Orleans also offers exceptional advantages for studying architecture. The French Quarter's romantic courtyard buildings, River Road's majestic plantation houses, and the Garden District's early suburban mansions are unique examples of 18th and 19th century American architecture, elegant and beautiful adaptations of European prototypes that demonstrate vital principles of environmentally responsive design. These exist side by side with the skyscrapers, sports stadiums, and commercial facilities of contemporary society. All reveal the variety of design and cultural influences - African, Caribbean, European, Latin American - that have contributed to the richness and vitality of the city. And all exist against the physical, environmental and spiritual backdrop of the Mississippi river, which gives definition not only to the city, but to so many enduring aspects of American culture and history as well.

Beginning with the first architecture courses taught in 1894, Tulane's faculty has involved itself with both the preservation of our historic environment, and the design of significant new structures responsive to contemporary values. We instill in our students a sensitivity for this remarkable city, a value system that respects the old while developing the new; the city serves as our learning laboratory in all parts of its cultural and historical makeup.

Of course, the flood-related damage of Hurricanes Katrina and Rita has had a significant impact on New Orleans. And as it has many times before, the city is rebuilding. For the School of Architecture, the recovery effort presents an exceptional range of opportunities for both public service and educational enhancement. Tulane Architecture students and faculty are helping the city re-envision itself and rebuild. From master planning nearby communities through the Tulane Regional Urban Design Center to designing and building houses in the central City in the URBANbuild program, Tulane Architecture students have been presented with a once-in-a-lifetime opportunity to engage architecture and urban design first-hand.

Facilities

Richardson Memorial

Designed in 1907 by the New Orleans architecture firm of Andry and Bendernagel to house the Tulane Medical College, Richardson Memorial is located on the oldest and most beautiful quadrangle at Tulane, on the St. Charles Avenue side of campus. The five story brick and limestone building is a fine example, appropriately, of the Richardsonian Romanesque style buildings that define this area of the campus. It has recently undergone renovations - like the installation of wireless communications - that are bringing this venerable building into its second century of service to the university.

Studios and Classrooms

Richardson Memorial's spacious main rooms, with high ceilings, open trusswork, and tall windows on three sides, could not better accommodate their use as lecture halls, a library, and architecture studios. Every student in the school is assigned a personal desk in one of these studios each semester. Studios are accessible at all hours for design and other course work and are fully networked. Classrooms include seminar rooms, lecture and exhibition halls, and special purpose rooms (described below).

Offices

The School's administrative offices are located on the third floor of Richardson Memorial. Office hours are 8:30 a.m. to 5 p.m., Monday through Friday. Faculty members have offices in Richardson Memorial on the first and fourth floors, and make themselves available to meet with students outside of classes, during weekly office hours.

The Architecture Library

The School of Architecture houses two special libraries in Richardson Memorial. The Architecture Library contains 12,000 books (another 24,000 volumes are stored in Howard Tilton Memorial Library). The Emile Weil Memorial Fund allows the Library to maintain subscriptions to more than 200 architecture journals from around the world. The Architecture Library provides an optimal setting for quiet and relaxed study and research as well as for browsing and reading. Of particular interest to architecture students is the Southeastern Architectural Archive, in Jones Hall, that has more than 3,000,000 items, including 500,000 architectural drawings and 25,000 photographs. It also has a gallery with permanent and temporary exhibits.

The Slide Library

The Slide Library is the audio-visual resource facility for the students and faculty of the School. In addition to a constantly expanding collection of more than 100,000 slides and digital images, the Slide Library maintains projectors, slide duplicating and enlarging equipment, and other photographic equipment. The New Orleans Architecture Database combines the Slide Library's collection of 35mm slides with the Southeastern Architectural Archive's collection of lantern slides, and is online at www2.tulane.edu/arch. The database presently contains approximately 2500 images of New Orleans, photographed by faculty, staff and students.

Computer Facilities

The Mintz Computer Lab houses computer assisted design instruction within the school. Equipment includes the latest workstations configured for graphics and computer aided design.

Animation and three-dimensional modeling, rendering and imaging capabilities are used for student projects, presentations and architectural research. A selection of design software available to students and faculty include: Autocad, Revit, 3d Studio Max, Form-z, Rhino, Maya, Photoshop, Illustrator, In-Design, Sketch-up and Microsoft Office. The Mintz Computer Lab houses both Windows and Macintosh Environments. Students are also able to access the Tulane Network and internet wirelessly throughout the building. Output services include large format color inkjet plotters and a high capacity laser printer. Students may also present their works digitally via a digital projection system.

Beginning with the incoming class of 2006, all Tulane School of Architecture students will be required to purchase a laptop computer by the beginning of their second year. The School works with vendors to ensure that both Macintosh and Windows computers are available for purchase at a significant discount from retail pricing.

Digital Imaging and Fabrication Center

The School of Architecture is building a state-of-the-art facility for computer-numerically controlled manufacturing and production to support design instruction. It will be linked to, and located across from the Mintz Computer Center on the first floor of Richardson Memorial. As envisioned, the new center will include a variety of milling, laser cutting, and modeling machines that will provide students with unparalleled opportunities to enrich their three dimensional design explorations while developing their education in digital fabrication technologies.

Shop

Located on the ground floor of Richardson Memorial Hall, the Architecture Shop enables students to work in wood, metal, concrete and various other materials.

The Shop is open weekdays, weekends, and some evenings. Students are encouraged to use the Architecture Shop for academic assignments and other projects.

Publications Office

The School of Architecture has a rich history of publication, including books, periodicals, newsletters, annual reviews and specialty printings related to lectures, symposia and research studios. Several significant publications have grown out of the school, including most recently, AULA: Architecture and Urbanism in Las Américas, which is edited by TSA faculty member Dr. Robert Gonzalez. AULA publishes scholarly research and criticism on both historical and contemporary Latin American topics. Students have an opportunity to work on most of the School's publications, including their own independently run newsletter.

Programs and Events

In addition to a full academic program, there are many ongoing programs and events such as the URBANbuild program of the Tulane City Center, international study programs and opportunities, public lectures, distinguished visiting faculty, exhibitions, symposia, publications and student organizations which support the academic life of the School of Architecture. Students are encouraged to take full advantage of these programs, events and resources to enrich their experience and enhance their educational opportunities at the School.

Special Programs and Resources

Tulane City Center

The Tulane City Center houses the School of Architecture's urban research and outreach programs. Programs of the City Center vary over time, but share a focus on improving cities through fostering global urban research, the development of flexible and innovative urban strategies, and the provision of environmentally and culturally informed principles to guide the design and revitalization of the contemporary metropolis. The City Center is currently housed in the School of Architecture but will soon move to a facility in downtown New Orleans. That facility will include studios, classrooms, a lecture space, and offices. All students in the School of Architecture will spend at least one semester of their education directly engaged with programs of the City Center. Currently, those programs include URBANbuild, and the Tulane Regional Urban Design Center. The City Center is an affiliate of CITYbuild, a nationwide coalition of university-based programs focused on urban research and design-build. Programs currently under development at the City Center include the Tulane Rapid Response Design Studio, the Tulane Center for Cultural Resource Management, and the Tulane Neighborhood Center.

URBANbuild

URBANbuild is a unique urban design and construction program launched by the School of Architecture in 2005. Students engaged in URBANbuild studios are deployed to neighborhoods throughout the city to develop creative and sustainable urban design strategies, innovative designs for new housing, historic property inventories, and proposals for site-specific urban interventions and large-scale mixed use urban environments. As an integral component of the URBANbuild program, students will also design and construct a prototypical house for each of the study neighborhoods in partnership with community non-profit agencies that specialize in affordable housing and neighborhood redevelopment. URBANbuild is a laboratory for city research and design, a real generator for urban transformation and revitalization, and a program which directly engages students in the processes of digital fabrication, materials' research and advanced construction processes and technologies.

Tulane Regional Urban Design Center (TRUDC)

Directed by Professor Grover Mouton, the TRUDC enlists graduates and students of the School of Architecture to work with communities in Louisiana, the Gulf Coast, and other areas to improve and develop their urban potential. TRUDC faculty and students concentrate on urban design, programming, and client-user group mediation. TRUDC's recent history has been marked by exceptional opportunities in Asia, thanks to its strategic partnership with the American Planning Association. Recent projects in the Yangtze Delta have explored the issues of rapid urbanization in Asia and included discussions with a range of design professionals and Chinese Government and Planning Officials. Many of the issues the TRUDC introduces and explores in Asia are also being studied in Southern Louisiana's small rapidly growing communities. Open to new ideas, these communities give students the opportunity to become involved in real-world planning projects across the Gulf Coast Region.

International Study

Foreign Study, Research and Travel Programs

The School of Architecture sponsors various overseas programs of study, research, and travel. These programs, developed by individual faculty members, carry elective and/or design studio credit. Recent programs have been conducted in Finland, Austria, Germany, Switzerland, France, Italy, Spain, Guatemala, Mexico and Brazil. Future programs will also include travel and study in the Netherlands as part of a series of programs on water cities.

Beginning in 2006, all students in the School of Architecture will study internationally, in one of the many programs offered, during their fourth year in the Master of Architecture undergraduate program and second year in the Master of Architecture I graduate program. While no specific grade point average is required for participation in these programs, the Associate Dean and the director of each particular program counsel each student to ascertain the suitability of the program for the student. In considering the student's maturity and the studios previously taken, the Associate Dean, in consultation with the student's adviser, may determine that a student should receive only elective credit and not design studio credit.

Proposals for participation in summer programs outside the School of Architecture must be approved by the Associate Dean and are treated as transfer credit.

Study Abroad

Students in the School of Architecture may participate in this Tulane program during their fourth-year. TSA students typically study at schools in Great Britain or Scotland, though some have completed programs in Spain, Italy, France, Germany and other countries under the program, provided that they have sufficient second language preparation for the country in which they intend to study. Courses taken abroad through the study abroad program carry credit toward graduation, and grades earned count toward the cumulative grade point average. Application to the study abroad program is made through the School of Architecture Director of Academic Affairs office in the fall of the third-year. Architecture students with at least the required minimum grade point average of 3.3 are notified of their eligibility for consideration and then submit a statement of interest. Program participants from the School of Architecture are selected and recommended to the study abroad committee of the school. In addition to academic achievement, candidates are judged on the basis of maturity, seriousness of purpose, and self-sufficiency. (See the University-wide section for further information.)

Travel Fellowships

Students in the School of Architecture also have the unique opportunity of applying for one of a number of travel fellowships (listed below) for independent research and travel. Each eligible candidate is required to submit a detailed proposal for research to be undertaken if awarded the fellowship. Proposals include a format for reporting findings to the School and the sponsors, as well as the nature of a permanent record of the research for the School.

Summer Career Exploration

Architecture combines the practical concerns of building with the artistic concerns of design. This combination requires creativity rarely called for in secondary school. The Career Explorations in Architecture Program at Tulane, which runs for four weeks, was established to offer high school

students a significant first experience in architectural education. The program gives students an opportunity to participate in the process of design and to develop the basic tools of imagination and expression. Although the program was originally designed for high school students, undergraduate non-majors are also welcome.

Fellowships and Awards

Travel Fellowships

The John William Lawrence Travel Research Fellowship and the Moise & Lois Goldstein Research Travel Fellowship are awarded annually to a student for travel and research during the ensuing summer. Any undergraduate student who has a grade point average of 2.5 or above and completed third-year design is eligible. Graduate students are also eligible in their second year of study. Each eligible candidate, notified by the Dean in the first semester, may submit a detailed proposal for research to be undertaken if awarded the fellowship. Proposals include a format for reporting findings to the School and the sponsors, as well as the nature of a permanent record of the research for the School. The recipients are selected by the awards committee, a panel consisting of the Dean of the School, and two members of the faculty appointed by the Dean.

The Class of '73 Architectural History Travel Fellowship shall be awarded annually to a student for research on the subject of architectural history during the summer prior to the final year of course-work. Any student pursuing a Master of Architecture degree who has completed third-year design is eligible to submit a detailed research and travel proposal for consideration by a committee composed of faculty and one member of the Class of 1973. The recipient must produce a document to be catalogued in the Architecture Library as a permanent record of the research, and also make a public presentation of their work at the School on the second Friday of November.

The Samuel Stanhope Labouisse Memorial Prize is awarded for excellence in the documentation of historically significant Louisiana Architecture. Such documentation may take the form of research, analysis, or drawing. An 8 1/2"x11" project brief and supporting documentation should be submitted. All architecture students are eligible to apply. The recipient is selected by the awards committee, a panel consisting of the Dean of the School, and two members of the faculty appointed by the Dean.

Applications for all of the above fellowships are due on the first Friday of the spring semester.

Awards

The Nathaniel Cortlandt Curtis Memorial Prize is awarded for an outstanding essay relating to the theory or history of architecture.

The Thomas J. Lupo Award is awarded annually to a student or class for excellence in metropolitan studies. The recipient is selected by the faculty.

The I. William Sizeler Award is given each year for the outstanding design by a fourth or fifth-year student in the field of high-density, commercial, mixed-use architecture.

Awards Presented at Graduation

The Alpha Rho Chi Medal is awarded by this national architectural fraternity each year to a graduating student on the basis of leadership, service to the School, and professional promise as indicated by the student's attitude and personality. The student is selected by the faculty.

The American Institute of Architects Medal is awarded by the American Institute of Architects/AIA Foundation Scholarship Program to a graduating student for the highest overall academic achievement, as evidenced by grade point average. A certificate is given to the recipient as well as to the runner-up.

The John William Lawrence Memorial Medal is presented by the faculty of the School to a fifth-year student for design excellence. This award was instituted in 1971 to honor the School's former Dean.

The Faculty Thesis Award is awarded by the faculty of the School for superior achievement in thesis study.

The Ronald Katz Award is awarded annually by the Thesis Design Directors. The award was instituted in 1991 in memory of Ronald F. Katz '63. It is awarded for outstanding personal growth through thorough and careful development of a provocative thesis idea.

Public Lecture Series

Each year the School of Architecture invites well-known architects, architectural historians, theorists, and critics from the United States and many foreign countries to participate in our public lecture series. Visitors deliver a lecture and often participate in reviews, individual criticism, or informal discussions. Lectures cover a wide range of topics of interest to students and the profession. Practitioners often show their recent work; other lecturers discuss important work of the past and present, and all explore theoretical and topical issues and ideas. Students have the opportunity for questions and discussion with these distinguished guests through question periods, receptions, and other informal contact. This year's lecture series, will focus on the city and the rebuilding efforts of New Orleans and will include Pritzker-Prize winning architect Thom Mayne of Morphosis, Jesse Reiser of Reiser + Umemoto, RUR Architecture PC, Coleman Coker and Bruce Mau of Bruce Mau Design and author the recent book *Massive Change*. Our 2004-05 lecture series focused on digital media, fabrication and practice included David Erdman of Servo, Guiseppe Lignano and Ada Tolla of LOT-EK, Winka Dubbledam of Archi-tectonics, Predock Frane Architects, William Massie, Steven Cassell of ARO, Monica Ponce de Leon of Office dA, and Greg Pasquarelli of ShoP. In addition to regular public lectures, each year a particularly distinguished architect or scholar is invited to the School of Architecture to deliver a special lecture in honor of its late Dean, John W. Lawrence. Several lectures in the School are underwritten by generous grants that ensure our ability to attract visitors who are the top in their field. The Walter Wizia lecture features architects whose work addresses contemporary design thought. The Eskew Dumez Ripple lecture brings rising younger talent to the campus.

The Lawrence Memorial Lecturers have been:

- 2005 Guiseppe Lignano & Ada Tolla
- 2004 Greg Lynn

- 2003 Eric Owen Moss
- 2002 Jorge Silvetti
- 2001 Juhani Pallasmaa
- 2000 Joseph Rykwert
- 1997 Patricia Patkau
- 1998 Bernhard Reichen
- 1996 Carmen Pinos
- 1995 Enrique Norton
- 1994 Bernard Tschumi
- 1993 Anthony Vidler
- 1992 Kenneth Frampton
- 1991 Peter Eisenman
- 1990 Mario Gandelsonas
- 1989 Edouard F. Selder
- 1988 E. Fay Jones
- 1987 Eduardo Sacriste
- 1986 Liu Kaiji
- 1985 David Gebhard
- 1984 Joseph Esherick
- 1983 Ada Karmi Melamede
- 1982 Arata Isozaki
- 1981 Susana Torre
- 1980 Spiro Kostof
- 1979 Aldo van Eyck
- 1978 James S. Ackerman
- 1977 Christopher Alexander
- 1976 Bernard Lemann
- 1975 Charles W. Moore
- 1974 Serge Chermayeff
- 1973 Gyorgy Kepes
- 1972 Louis I. Kahn

Other distinguished visitors have included: Mario Botta, J.B. Jackson, Rem Koolhaas, Cesar Pelli, and Vincent Scully.

The Arthur Q. and Mary Davis Visiting Critic

Romaldo Giurgola, Antonio de Souza Santos, Herman Hertzberger, Charles M. Correa, JeanPaul Carlihan, Aldo Rossi, Liu XiaoShi, Henri Ciriam, Oriol Bohigas, Zaha Hadid, William Alsop, Harry Seidler, Gottfried Bohm, Enric Miralles, Jacques Herzog, Pierre DeMeuron, Peter Zumthor, Rafael Moneo, Merrill Elam, Sir Norman Forster, Will Bruder, Dominique Perrault, Peter Oberlander, Brian Mackay, Lyons, Vincent James, James Carpenter.

Favrot Visiting Chair

The Favrot Visiting Chair enables the School to bring in an internationally renowned Architect as visiting faculty for one semester. 1988 E. Fay Jones 2004-2005 Hadrian Predock and John Frane 2003 - 2004 Timothy Culvahouse

- 2002 - 2003'Hans Peter Woerndl
- 2000 - 2001'Paul Lubowicki and Susan Lanier
- 1999 - 2000'Max Bond
- 1998 - 99'Vincent James
- 1996 - 97'Carlos Jimenez

J. Herndon and Dorothy Thomson Fellowship for Faculty Travel

Each year the faculty elects one of its members for this award. This travel grant funds faculty research, and academic and professional development. Recipients deliver a public lecture to the School on their travel projects. The Award is supported by Friedrich E. Stoll, M.D., '48. Recipients have been: (2004) Bradley Bell, (2003) Robert Gonzalez, (2002) Elizabeth Gamard, (2001), Sheryl Tucker de Vazquez, (2000) Scott Wall, (1999) Stephen Jacobs, (1998) Bruce Goodwin, (1997) Karen Kingsley, (1996) Ila Berman, (1995) Ellen Weiss, (1994) Scott Bernhard, (1993) John Klingman, (1992) Donald Gatzke.

The New Orleans Lecture

The New Orleans Lecture is presented annually by a distinguished authority in the field of Urban Affairs. The subject of each lecture is the City of New Orleans: past, present, and future. Funding for this event is provided by an endowment created in honor of the late Dean Emeritus William K. Turner for his passionate involvement in the affairs of the City. The New Orleans Lecture has been presented by: (2004) Alan Karchmer, (2003) Alex Krieger, (2001) Public Symposium on Arts and Economic Development, (2000) Dell Upton, (1999) Joseph Stroud, (1998) Andrea Kahn, (1997) S. Fredrick Starr, (1996) Christine Boyer, (1995) Nicholas Lemann.

Alumni Lecture

Beginning in the School initiated the annual Alumni Lecture which invites prominent and accomplished graduates of the School to make a presentation on their work and careers.

- 2004- Todd Erlandson TSA'87 and Sherry Hoffman N'84
- 2003- Dana Buntrock '81 TSA
- 2002- Wellington Reiter '81 TSA
- 2001- Elizabeth Martin '87 TSA

Special Events

Architecture students and faculty enjoy a number of annual special events. Each year the student government sponsors Architects' Week, a week of activities, lectures, competitions, workshops, and other events organized around a common theme or topic. Recent topics have been: "nightsky" whose participants included David Guthrie and Randy Brown; "TranZense" with Alejandro Anavena, Jim Brown, and Jim Gates, "bending and binding and anchoring: with Evan Douglass, "navigation" with Steven Cassell from ARO and "XCHANGE" with Coleman Coker. In addition to the regularly scheduled public lectures, numerous alumni, visitors and local practitioners participate in the design studios and other classes, by serving as guest lecturers, reviewers and field trip guides. The School of Architecture Student Government also sponsors and organizes Friday afternoon social gatherings, usually held in the patio outside the School, and the annual Beaux Arts Ball, an evening extravaganza.

Student Organizations

Student Government

The School of Architecture has its own student government that organizes student activities, holds student meetings, and administers the annual Faculty Award (given by the graduating class each year to an instructor for teaching excellence). Student government representatives also attend faculty meetings. In addition, recent student government projects have included a "Big Buddy" system and other contributions to first year orientation. Tulane students are active in campus and national student affairs.

AIAS

The Tulane chapter American Institute of Architectural Students is an active student organization focused on program benefiting students in their professional development. AIAS sponsors numerous professional and social programs and events.

Tau Sigma Delta Honor Society

Tau Sigma Delta is a national honorary architectural fraternity open to fourth and fifth year students. Membership is based on scholarship, leadership, character, and creative ability. The Tulane chapter of Tau Sigma Delta is the continuation of an earlier organization called the Gargoyle Society.

Alpha Rho Chi

Alpha Rho Chi is a professional, co-educational, fraternity dedicated to the enhancement of art, profession and understanding of architecture, the built environment and the allied arts. Founded in 1914, it continues to be the only professionally-oriented fraternity dedicated to not only networking but also to fellowship and mentoring within the field. Represented by the Hadrian Chapter at Tulane, the Chapter offers students valuable opportunities to interact with students from around the nation and the world. Interested members may rush in the fall and pledge in the spring.

Academic Policies

A full description of academic policies for all students in Newcomb-Tulane College can be found in the college's section of this catalog. Students should review these policies thoroughly. Additional academic policies or specific requirements for the School of Architecture are outlined below.

Advanced Standing, Exemption and Advanced Placement

Advanced Standing, Exemption, Advanced Placement (AP), International Baccalaureate (IB) Credits and Proficiency Exams and their requirements, are described thoroughly in the Newcomb-Tulane section of this catalog which outlines the core undergraduate curriculum requirements and its policies. Advanced Standing and Advanced Placement within the School of Architecture: Students normally proceed through the architecture studio and platform courses sequentially. The exceptional student who feels his or her design work merits advancement into

a higher level studio course must be sponsored by a member of the faculty in a request for advancement. The faculty sponsor petitions the Dean's office in writing; the Associate Dean will judge the merit of the faculty sponsor's proposal and make a recommendation regarding the appropriate level of architectural design instruction for the student.

For architecture courses other than studio, students with superior ability or previous course work in a given subject area may request that the instructor of that subject review their past work, previous relevant syllabi and transcripts. The instructor makes an evaluation to determine whether or not the course in question should be waived or credit given and then makes a recommendation to the Associate Dean who approves all advanced standing petitions.

Class Attendance

Regular attendance at classes, studio and laboratory periods, and scheduled course conferences is required; it is essential to successful academic progress. All absences must be reported to the course instructor; the only excused absences are those for reasons of health or crisis, and must be justified with written documentation.

Unexcused absences could reduce a student's course grade, as will late arrivals or early departures from class. Three consecutive absences or four nonconsecutive absences will, in normal circumstances, mean that the instructor may give a WF grade to the student.

Instructors are not authorized to excuse absences which extend holidays.

A student who stops attending a course listed on his or her registration form, without formally dropping this course, receives a WF grade if recommended by the instructor on or before the official deadline for authorized drops. Students should officially withdraw from a course if they are no longer attending it. After that date, the student will be assigned an UW as a final grade. (See the Newcomb-Tulane section for further information.)

Examinations

Attendance at final exams is required. A student who must be absent from a final examination will be given permission to take a special examination only if he or she presents to the course instructor and the Dean's office an acceptable excuse and appropriate documentation before or within three days after the examination. A student whose absence from an examination is excused will be given an I (Incomplete) and a makeup examination; a student whose absence is not excused will be given an F in the course. Incomplete grades must be resolved with final grades reported to the dean's office within thirty days from the end of the semester or the I grade becomes an F. (See Newcomb-Tulane section for further information.)

Studio Reviews

Studio reviews are a critical part of the design studio curriculum and evaluation process. Attendance at these reviews is mandatory. Policies for Mid-term and final studio reviews are equivalent to those for examinations in other courses (see above).

Grades

The School attempts to keep its students informed of their progress at all times. Federal law

prohibits the sending of grade information to third parties, including parents and guardians, unless the student provides the Associate Dean of the School of Architecture and the Newcomb-Tulane College dean's office with written authorization for release of such information. Such a request may be made by the student at any time.

A student who has a complaint regarding grading or academic evaluation has recourse to the grievance procedure developed by the University Senate Committee on Academic Freedom and Responsibility of Students. Copies of the Student Grievance Procedures are available in the dean's office. The student must first discuss the complaint with the professor; then, if dissatisfied, submit a written complaint to the Associate Dean of the School of Architecture.

At the end of each semester, a final course grade is given in each subject. This grade is based on all the student's work during the semester and is entered on the student's transcript. The School of Architecture uses the University-wide grading system for courses. A full description of Grades and Grading Policies is outlined in the Newcomb-Tulane section for the undergraduate college.

Grade Point Averages

A student's progress toward graduation is measured not only by credit earned but also by the grade-point average. Cumulative grade point averages are determined by dividing the student's total number of quality points by the total number of quality hours (credits attempted). Credits completed on the S/U basis are not included in this computation. Semester grade point averages are calculated for architectural design courses (the design average) and for all courses together (cumulative average) by dividing the number of quality points by the number of credits attempted. Credits completed on the S/U basis are not included in this computation.

Satisfactory/Unsatisfactory Option

Qualified second through fifth-year Master of Architecture I students who are not on probation may elect to take one course in a standard semester course load on a satisfactory/unsatisfactory basis. No more than 3 satisfactory/unsatisfactory courses may be counted toward graduation. The satisfactory/unsatisfactory option may not be used to satisfy the writing, foreign language, quantitative reasoning, and laboratory components of the core curriculum. In addition, the S/U option may not be used to satisfy required course work in the School of Architecture or architectural electives. It may be used in non-architectural electives being used to satisfy university distribution requirements.

Satisfactory/unsatisfactory grades do not carry quality points and are not included in the computation of grade point averages. A minimum performance level of C- is required for the grade of "satisfactory."

The School does not accept satisfactory/unsatisfactory or pass/fail credits earned at other institutions. Students should be aware that satisfactory/unsatisfactory credits might not be acceptable in transfer to other institutions.

The satisfactory/unsatisfactory option form must be filed within the prescribed period following registration and no later than the official calendar deadline. Changes to or from satisfactory/unsatisfactory status after the deadline has passed cannot be authorized. There are no exceptions.

Commendation

Commendation is an honor given to Master of Architecture students in any one of the Thesis options - Research Thesis, Thesis Studio, Research Studio and Advanced Integrated Design Studio - whose final projects are designated as exceptional by the thesis directors and who receive an A grade (4.0) in their final project. A student who has received a commendation for their final project will receive a letter of commendation from the Dean and thesis directors upon graduation.

Dean's List

Students who have earned a distinguished record in all of their courses throughout the semester may be recognized on the Dean's List of the Undergraduate College and of the School of Architecture. The Dean's List is prepared after each semester and recognizes excellence and superior academic achievement. First and second-year students are placed on the Dean's List if their grade point averages are at least 3.5; third, fourth, and fifth-year students are placed on the Dean's List with grade point averages of 3.667 or higher.

Voluntary Withdrawal

From a Course

To drop a course, a student must obtain the approval of the instructor and their adviser at the Center for Academic Advising. Students considering withdrawal from required courses must consult with their adviser at the Center for Academic Advising; required courses in the School of Architecture must be taken sequentially and withdrawal may result in the extension of the program of study. See the Newcomb-Tulane College section for further information.

From the School

A student who decides to switch from the School of Architecture to a major in another school must consult his or her adviser at the Center for Academic Advising and complete the appropriate forms.

From the University

See the Newcomb-Tulane College section for more information.

Quality of Work Requirements

Each student is responsible for his or her academic performance and its consequences.

Continuation

School of Architecture students are expected to follow the appropriate curriculum outlined in Programs of Study. Students are classified within a given year according to the number of credits earned. A student may be excluded from the School of Architecture for lack of sufficient academic progress toward fulfilling degree requirements. Failure to meet stated degree requirements may result in exclusion. Sufficient academic progress is also measured by minimum credit and grade

point requirements. In addition to the quality of work requirements applicable to all undergraduates as elaborated in the Newcomb-Tulane College section for the undergraduate college, students majoring in Architecture must maintain the academic standards of the School to meet their degree requirements. Students who meet the minimum semester requirement of 12 passed credits, maintain at least a 2.0 cumulative GPA as well as a 2.0 GPA in design studios, and also earn the required number of credits to advance from one semester to the next are considered to making progress toward their architectural degree. To qualify for admission into the second-year of the program, a fulltime student must therefore pass a minimum of 24 credits of C average work in the previous calendar year (August to August, including a summer session, if necessary). To qualify for admission into the third year of the program, a fulltime student must pass a minimum of 50 credits of C average work in the preceding two calendar years (August to August). In each subsequent semester, a fulltime student must earn at least 12 credits of C average work.

Probation and Exclusion

At the end of the semester a student must have a minimum of 12 hours of C average work as well as a design studio cumulative grade point average of C or better. Students who do not meet these minimum requirements will be placed on probation. C average work is defined as courses whose quality point average is at least 2.0. Any student who does not remove C average probation by the end of the spring semester will be required to attend summer school to continue enrollment in the School. Normally, only work undertaken in Tulane University Summer School may be applied toward removal of probationary status or toward remedying a grade point deficiency.

Students in the School of Architecture are also placed on probation in the following instances:

- A student, whose cumulative academic grade point average falls below 2.0 in any given academic semester, as calculated at the end of that semester, is placed on academic probation for the subsequent semester. If the student's cumulative average has not risen to 2.0 by the end of the probationary period, the Student is not permitted to remain in the School.
- A student, whose grade point average in architectural design courses falls below 2.0 for a given semester, as calculated at the end of that semester, is placed on design probation for the subsequent semester. If the student's year average in architectural design courses has not risen to 2.0 by the end of the probationary semester, the student is not permitted to remain in the School.
- A student excluded from the School as a result of failure to remove academic or design probation may reapply for admission only after at least one year of work under the supervision of an architect approved in advance by the Associate Dean. Upon reapplication, the student must submit examples of work undertaken during this period, along with a letter of evaluation from the employer. A student readmitted to the School under these circumstances must achieve a grade point average of 2.0 (C average work) in the first semester; or he or she will not be permitted to remain in the School or to reapply for admission.

Thesis Requirements

Fifth year students who have achieved a cumulative grade point average as well as a cumulative

design grade point average of 3.33 or above by the end of their fourth academic year, are automatically eligible to pursue a Research Thesis or Thesis Studio (or any of the additional thesis offerings) in their final year of study. Fifth year students who have achieved a cumulative grade point average as well as a cumulative design grade point average of 3.00 or above by the end of their fourth academic year, are automatically eligible to pursue a Research Studio (or Advanced Integrated Design Studio) in their final year of study. Any student who has not met the eligibility criteria for the above studios may petition the Thesis Directors for special consideration. Such a student may participate in the studio for which the petition is made, once it is approved by the Thesis Directors, and a recommendation made by the Dean's office.

Student Work

Any work performed for credit by students enrolled in the School of Architecture may be retained by the School for its records. Students may, as an alternative, provide suitable reproductions. Thesis students are required to provide complete documentation of the thesis to the School for the Architecture Library. Although some student work may be retained for a period of time in order to document it, the School is not responsible for any student work (or equipment) left in Richardson Memorial Hall after the end of the term in which it is executed. All examinations and assigned written work other than design work that are used by an instructor to arrive at an academic evaluation, and are not returned to the student, are kept by the instructor for a period of six months after the semester's end.

Studio Work Portfolio Requirements

Each student in the School of Architecture maintains a portfolio, in 8.5" x 11" and digital formats, recording comprehensively the design studio work undertaken in the School each term. This portfolio is collected, evaluated and graded by design faculty during the spring semester of the second year. At this time a student may be asked to meet with a group of faculty for discussion of the work and his or her status, progress, strengths, and weaknesses. Although the portfolio review is advisory, the portfolio is a part of design studio evaluation. Maintaining a portfolio is an important and integral part of the student's curricular program, providing a valuable opportunity for a student to see the work from a broader perspective than a single semester's evaluation affords.

Submission of the portfolio is required for application to many of the School's special programs and academic opportunities as well as consideration for awards offered by the School. This portfolio also forms the basis of the professional portfolio each student assembles to seek summer and long-term employment.

Transfer Credit

Except for approved summer school credit (see Newcomb-Tulane College section), once a student enrolls in the School of Architecture, only work undertaken within Tulane University - including the approved programs described under Special Academic Opportunities - may be applied toward the requirements for a degree in the School. Work undertaken at another institution during a leave of absence is not considered for credit unless prior written approval has been obtained from the Associate Dean and the student earns a grade of C or better.

Commencement Policies and Procedures

A candidate for graduation must complete the total number of credits and all courses required for his or her program of study, must have a cumulative grade point average in all academic courses of at least 2.0 for the Master of Architecture (five year program), and 3.0 for the Master of Architecture I (three and a half year program) and must receive certification for graduation by the faculty of the School of Architecture.

Students must complete a minimum of two years (66 credits) including the final year (30 credits) of their total degree requirements in residence at Tulane in the School of Architecture.

A student expecting to receive a degree in May must register as a candidate for graduation in Newcomb-Tulane College's Center for Academic Advising in the previous semester. The commencement ceremony is held only May. Unless excused by the Associate Dean, candidates are required to attend commencement. Requests for an excused absence must be submitted in writing at least two weeks prior to the ceremony.

Programs of Study

The School of Architecture currently offers three degree programs. The Master of Architecture, a professional degree program, is accredited by the National Architectural Accrediting Board. In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit US professional degree programs in architecture, recognizes two types of degrees: the Bachelor of Architecture and the Master of Architecture. A program may be granted a six-year, three-year, or two-year term of accreditation, depending on its degree of conformance with the established educational standards.

Master's degree programs may consist of a pre-professional undergraduate degree and a professional graduate degree, which, when earned sequentially, comprise an accredited professional education. However, the pre-professional degree is not, by itself, recognized as an accredited degree.

Students enrolling from secondary school:

The Master of Architecture (no previous college coursework is necessary) is offered in a five-year (10 semester) program as a first undergraduate degree (M.Arch). Students with previous college work may take the first two semesters of required architecture courses in an intensive summer program.

Students enrolling with an undergraduate degree:

Students with Bachelors degrees in other disciplines are eligible to enroll in an accelerated curriculum leading to the professional Master of Architecture I as a professional degree. Students in this program must begin their studies during the summer and can complete this professional degree in one summer and three academic years.

Students with a Bachelors of Architectural Science or equivalent degree are eligible to apply for advanced standing upon enrollment into the M. Arch I program. Those students can complete their studies in four semesters or two academic years.

A Master of Architecture is also offered as a post-professional degree (M.Arch. II). The degree is offered in a two-semester program beginning each fall. A Master of Preservation Studies is offered to students with an undergraduate degree. The degree is offered as a two-semester and one summer program in any discipline.

Students interested in the School of Architecture's graduate programs should contact the School for graduate programs information, catalogues, and admissions. Students interested in obtaining their first degree should contact the Office of Undergraduate Admissions.

Independent Study

The Independent Study option allows a student with a demonstrated record of academic excellence, to propose a course of individual study in a subject that is not available within the regular curriculum. Under the direction of a faculty member he or she has chosen, the student designs course objectives, methods, content, and requirements. The Associate Dean prior to registration must approve course objectives, requirements, and credit. The student continues to work closely with the faculty adviser throughout the semester through scheduled meetings. Students register for an Independent Study through the School of Architecture academic affairs administrative office. Credit is awarded and final evaluation undertaken jointly by the faculty sponsor and the Associate Dean. Students may enroll in Independent Study for a maximum of six credits with no more than three credits per semester.

Directed Study

Similar to an Independent Study, a Directed Study allows an individual student, or a small number of students to work closely under the direction of a faculty member on a special topic or in a research area of shared interest. The faculty member in consultation with the student(s) develops the objectives, methods, content and requirements of the proposed directed study. These objectives and requirements, as well as course credit must be approved by the Associate Dean. The registration process, credit limitations and final evaluation procedures are the same as that for the Independent Study

Elective Areas for Distribution

Humanities and Fine Arts

- African & African Diaspora Studies
- Art History
- Art Studio
- Classical Studies
- Communication
- Dance
- English
- Jewish Studies
- Language - placement required
- Music
- Philosophy
- Theatre

Social Sciences

- Anthropology
- Economics
- Gender and Sexuality Studies
- History
- Latin American Studies
- Political Economy
- Political Science
- Sociology

Sciences and Mathematics

- Astronomy
- Cell and Molecular Biology
- Chemistry
- Ecology and Evolutionary Biology
- Geology
- Mathematics
- Physics
- Psychology
- Public Health and Tropical Medicine

Minor or Major in Another

Division An architecture student may elect to pursue a minor or major in another division of the University, in addition to the pursuit of the Master of Architecture (non-accelerated program). Anyone who is interested in such a program should contact the appropriate department chair and develop a program of courses in the chosen field. This proposal should be approved by the department chair and forwarded to the Dean of the Newcomb-Tulane College. When all requirements are met, the transcript will reflect that a minor or major has been completed. Successfully completed minor or major courses can fulfill the School's distribution of electives requirement. This does not eliminate other distribution requirements, however, and could require additional courses for graduation.

Joint Degree Programs

The School of Architecture is developing a series of interdisciplinary and joint degrees with other academic units at Tulane, including programs in Urban Studies, Architecture and Business, and Architecture and Social Work.

Dual-Degree Programs

School of Architecture students may work toward two Tulane degrees simultaneously. Acceptance by both academic divisions and the approval of the Newcomb-Tulane College Dean is required. Dual degree students are expected to maintain a superior academic record.

Master of Architecture I with Bachelor of Arts or Bachelor of Science

Students may elect to fulfill, in addition to the requirements for the Master of Architecture I, the requirements for a liberal arts or science and engineering degree, including the requirements for one of the majors offered by the Tulane School of Liberal Arts or the School of Science and Engineering. Students are required to complete a minimum of two semesters (30 credits) in residence in either school. It is advisable for students to elect this option early in their career so that elective courses can be used wisely. Advice on course work, distribution requirements, and major requirements for liberal arts and science degrees is available from the Newcomb-Tulane College Dean's office.

Degree Requirements

Requirements are generally taken in the prescribed year indicated in the curricula above, but some required courses may be taken in another year, to allow strategic placement of electives. Generally, all courses required for the professional degree must be completed prior to entry into fifth-year. In special circumstances, the Associate Dean may waive this requirement.

Core Curriculum and Electives

To help ensure academic breadth within the liberal arts and depth within the field of architecture, students in the Master of Architecture curriculum take elective credits. Students are required to distribute a portion of these elective credits among courses in the humanities and fine arts (6 credits), social sciences (6 credits), science and mathematics (9 - 12 credits) and 12 additional university credits. All students are required to demonstrate competency in a foreign language (see Newcomb-Tulane College section for further information) and to take one elective course with an emphasis on Perspectives in the European Tradition and one course with an emphasis outside the European Tradition or Comparative Cultures and International Perspectives. Students in the Master of Architecture I curriculum are required to take 3 credits in digital design tools prior to completion of third-year, 3 elective credits in advanced Structure/Technology, 3 elective credits in advanced History/Theory, and 3 elective credits in advanced Professional Practice. Additionally students have to complete 15 credits of architecture electives. The Master of Architecture curriculum satisfies the Tulane University Core Curriculum.

Summer Internship

So that students may acquire practical experience within the profession of architecture, the School requires two twelve-week periods of summer employment in an architect's office after third year and prior to graduation. This internship experience can be fulfilled by work in an architect's office or in related professional areas. Most students do their summer fieldwork after the third and fourth years.

To receive credit for summer work, students must complete a form available in the School office. At the beginning of the following fall semester, the School requests from the summer employer verification of length of employment and quality of performance.

Foreign travel in an organized program or work for an authorized housing non-profit agency may substitute for one of the summer internships. These proposals must also be approved by the Associate Dean preceding the summer in which the travel or research is to be undertaken.

Successful participation in the URBANbuild program will substitute for one 12-week internship.

Admission

All undergraduate admissions to Tulane are managed by the University's Office of Admissions. The School of Architecture does not undertake a separate admissions process for undergraduates. However, the School reviews admissions and works closely with the Admissions Office to select the most promising candidates. All graduate admissions to the Master of Architecture I and II, as well as the Preservation Program are administered through the School of Architecture. The School looks closely for intelligence, creativity, motivation, achievement, leadership, and character. Academic potential is essential. At the same time, the School seeks students who exhibit energy and the ability to contribute to campus life outside the classroom. In addition, we believe that diversity among students is a great educational enhancement and therefore seek and admit students from varied backgrounds.

From Secondary School

Preparation Students should consult with the University's Office of Admissions to learn about the requirements and processes of admissions at Tulane. In general, Tulane seeks students who have a strong high school academic record in terms of performance (grades and class rank, if available) and selection and content of courses studied. Tulane recognizes that curricula vary among high schools and that not all students have the same academic resources available to them. The Admissions office does look, however, for students who undertake the most challenging college preparatory program possible. Applicants are evaluated in terms of how well they use the resources available, and the Admissions office also takes into consideration the differences in grading standards that exist between schools.

A solid secondary school program should emphasize the traditional college preparatory subjects and include at least four courses each year selected from English, mathematics, foreign languages, science, social studies, and art. An effective college entrance program should include:

- English - four years with extensive reading and writing.
- Mathematics - preferably three years; calculus is desirable.
- Foreign Languages - at least two and preferably three or four years of a classical or modern language; three or four years of one language are generally preferable to two years each of two languages.
- Science - at least two years of laboratory science; physics is especially recommended for architecture applicants.
- Social Studies - at least two years, with emphasis on history.
- Studio Art - at least two years, preferably freehand drawing.

Often, students applying to the School of Architecture ask about drafting or technical graphics courses in high school. These courses may be helpful to some students, but most of our students have found courses in freehand drawing better preparation for our program. Required graphics presentation work during the first two years of the Tulane design studio sequence assumes no prior knowledge or experience in graphics or technical drawing.

Transfer Students

Other Institutions

The School of Architecture welcomes applications from undergraduate students who wish to transfer into the School, either to continue or to begin the study of architecture. Applicants with less than one full year of college-level work should follow the freshman application procedure. The placement of a transfer student within the program depends upon the satisfactorily completed course work applicable to the Master of Architecture.

A transfer student from another architecture program may be admitted either in the fall or, occasionally, in the spring semester. The applicant must present a portfolio of architectural design work to determine placement in the Tulane architectural design course sequence. *Credit for previous architectural design work is also awarded on the basis of this portfolio.*

A transfer student from another discipline may begin in the intensive summer equivalent of first-year completing the program in four additional years, or in the fall semester, completing the program in five years. All students working toward their first undergraduate degree must follow the required architectural design course sequence of ten semesters.

In general, transfer candidates are expected to have maintained an average of B or better in all previous college work applicable toward the Master of Architecture. Credit is not awarded for grades lower than C. Credit for work completed but not required in the curriculum may be awarded as elective credit. An evaluation of courses accepted for transfer is made after complete transcripts, course descriptions, and examples of completed work are received.

If, at the time of application, the student is currently enrolled in another institution, his or her acceptance is tentative, pending presentation of an official transcript indicating successful completion of the current courses and all previously attempted courses.

Other Divisions of Tulane

The School of Architecture welcomes interdivisional transfers from other Schools that are a part of Tulane University's Newcomb-Tulane College. Interdivisional transfer students may begin the architecture curriculum in the intensive summer equivalent of first-year, completing the program in four additional years; or in the fall, completing the program in five years.

Readmission

A student who has interrupted studies at the School of Architecture for any reason must file an application for readmission that is available from the Administration Office in the School of Architecture.

Portfolios

Students applying to the School of Architecture from secondary school for the Master of Architecture are strongly encouraged, but not required, to submit evidence of their creativity, design, and art ability in a document no larger than 8.5" x 11". Portfolios generally include photographs or reproductions rather than original work. Few freshman applicants have done any architectural design; prospective students may submit examples of drawing, painting, photography, sculpture, construction, set design, poetry, prose, or any other work that might help

in an assessment of your creative potential and your ability to succeed in the School's program. Some students whose secondary school records are not exceptional excel in the primarily visual orientation of a program in architecture; the portfolio helps the Committee on Admission judge candidates whose academic record may not testify fully to their potential in the study of architecture.

Portfolios are required of all applicants transferring from other architecture programs and those students applying for the Dean's Honor Scholarship.

Recommendations

Because the School of Architecture is concerned with personal as well as academic qualities, applicants are asked to submit a recommendation from a guidance counselor, secondary school principal, or headmaster. This recommendation should comment on the applicant's character, maturity and seriousness of purpose - qualities essential to a successful college experience. Students who feel they are better known by a faculty member than by a school administrator may supplement the application with a teacher recommendation.

Visiting Tulane

We highly recommend campus visits to prospective students. You are welcome to visit Tulane at any time of the year; but you will find a visit during the regular school year the most informative, especially on a Monday, Wednesday or Friday, when afternoon design studios meet. You should plan to spend a full day on campus. Begin with a stop at the admissions office for a group information session directed by one of the admission counselors. Immediately following, you may take a campus tour guided by a current student. Call the School of Architecture to easily arrange a meeting with faculty and a special tour of the building at (504) 865-5389.

In the spring the University organizes "Tulane Days" especially for visiting prospective students and their families. Participation in the events of "Tulane Day" is strongly recommended by the architecture faculty and administration. The activities include campus tours and a visit to the School. A schedule for Tulane Days can be obtained from The Office of Undergraduate Admissions. For those who are unable to visit our campus, we recommend alumni interviews. In many parts of the country, alumni Admission Committee members are available to meet with you, and they can provide an inside perspective on the University. You may obtain their names by contacting the Office of Undergraduate Admission.

Academic Resources

Architecture students enjoy the full range of academic resources and support services offered by the University: orientation programs, career planning and placement services, counseling and testing services, the Educational Resource Center, intramural sports, student organizations, and the University Health Service. Students are encouraged to take full advantage of these resources and services to enhance their experience in the School. Within the School occur advising, public lectures, exhibitions, special events sponsored by the School, School publications, the Architecture Student Government, and other architectural organizations.

Orientation

Each year entering students and their parents are invited to campus before classes begin to participate in special events and activities designed to orient them to the School, the University, and New Orleans. Orientation events acclimate new members of the Tulane community through convocations, meetings, information periods, question and answer sessions, informal discussions, and receptions. Seminars, field trips, discussions conducted by faculty, a faculty showcase, and other activities highlight Tulane's academic strengths. Students find Orientation a time to make friends, to become acquainted with the campus and the city, and to learn about available service, social, cultural, and other resources. Orientation is also the time for proficiency exams, advising sessions, career and major workshops, and confirmation of registration. In short, it allows students a chance to settle in before the academic year gets under way.

Entering architecture students participate in all the orientation activities offered by the University, as well as special meetings and activities organized by the School especially for them. The size of the entering class allows School of Architecture orientation events to be small and informal, giving ample opportunity for personal interaction with the dean, members of the faculty, and fellow students and parents.

Academic Advising

The Academic Advising Center (AAC) will support students in creating educational plans that are congruent with their objectives. The center's staff will assist students to refine their academic goals, understand their choices, and assess their options, while emphasizing the belief that the student should shoulder ultimate responsibility for making decisions about educational plans and setting goals and objectives. Students are strongly encouraged to meet with advisers at the AAC at least once a semester, for degree progress audits, short and long-term academic program planning, and information on course prerequisites, sequence of courses, and other requirements defined in this catalog. In addition to the AAC, students will also be assigned a faculty adviser within the School of Architecture for academic mentoring. A particularly important consideration is the positioning and content of a student's elective coursework, in order to insure a well-rounded program of study. Faculty mentors also counsel students on career planning, professional specialties and job placement. Any student may contact the Associate Dean's office at any time for information on these matters or for special arrangements regarding their program of study. As well, students may at times need to discuss the fit between their personal and academic life; students are encouraged to bring these concerns to their Adviser, any faculty member and/or and/or the Associate Dean of the School. Such matters are also addressed by other professional services available on campus, such as the Educational Resources Center.

Career Advising

The low student/faculty ratio here allows most members of the faculty to become acquainted with the majority of students and to advise them informally on academic matters as well as professional and general concerns. First and second-year students often need special advice on architecture as their career choice. The design faculty of these years is particularly sensitive and responsive to these needs. Students are given ongoing feedback on their progress throughout this period, and a comprehensive design review concludes the Spring semester of second year. The School of Architecture alumni are another valuable resource in career advising and facilitation. Our alumni practice throughout the United States, in architecture and a variety of related fields. These successful design professionals often prefer to hire Tulane graduates, and are effective area contacts for the student seeking employment. The School has a strong alumni

career networking program including events such as Career Days, which guide students in resume writing, portfolio design, and interviewing process, as well as directly assisting in securing pre- and post-graduate internships. The Tulane degree is well received nationally: our strong curriculum and extensive training make the Tulane student or graduate appeal to any number of professional concerns.

Courses of Instruction

The School of Architecture offers courses in ten subject areas: architectural design, history and theory, technological systems, landscape, urban studies, professional concerns, digital media, visual media, special topics and preservation studies. A limited number of courses are open only to architecture students; yet most other architecture courses, many of which fulfill undergraduate core curriculum requirements in the humanities, fine arts, social sciences and physical sciences, may be taken by students in other Tulane divisions. Areas of instruction that include required courses list required courses before electives. Generally, in the University, courses numbered 100-199 are primarily for first year students; 200-299, second year students, and so on. 600 level courses are advanced study courses yet can be either undergraduate or graduate level. 700 level courses are for graduate students only. Not all elective courses listed in this catalog are offered every semester.

The amount of credit awarded for successful completion of each course is indicated in parentheses after the course title. An "R" or "E" in brackets after the credits, designates whether a course is required or elective [R: Required; E: Elective]. Courses with [R, E] designations are those which fulfill a course requirement for the architectural major yet can also be taken as an open architectural elective.

A.B. Freeman School of Business

Mailing Address

A. B. Freeman School of Business
Goldring/Woldenberg Hall I, Suite 200
Tulane University
New Orleans, LA 70118

Telephone Numbers

Office of the Dean
Dean: Ira Solomon, Ph.D.
Phone: (504) 865-5407

The A.B. Freeman School of Business houses three academic areas (behavioral science, economic science, legal studies and business) offering undergraduate majors in accounting, consumer behavior/marketing, finance, legal studies in business, and management. In addition to its undergraduate offerings, the Freeman School offers the Master of Accounting, Master of Business Administration, Master of Finance, and Doctor of Philosophy degrees. The MBA strategically focuses on the global business environment and experiential learning. The school's partnerships with schools and programs in Latin America and Asia continue to expand and build a truly global MBA program. Experiential learning emphasizes hands-on experience, provided through such programs as the Burkenroad Reports, the Darwin Fenner Investment Fund, and practice classes, which involve projects associated with the rebuilding of New Orleans. The MBA program develops practical skills within the context of a global environment. As these initiatives develop, they are extended to the BSM program. This ensures a truly unique program that is attractive to students and employers alike.

The MBA can be earned through the traditional two-year program, the part-time Professional MBA program, or the accelerated Executive MBA programs in several locations worldwide.

Mission

The mission of the A. B. Freeman School of Business is to be a leading private business school dedicated to preparing current and future business leaders to compete in global business and to advancing the practice of management through excellence in teaching, research and, service.

History

The College of Commerce and Business Administration was founded in September 1914, supported by business leaders who envisioned a school that would strengthen the New Orleans economy and capitalize on its international ties. Under the leadership of Dean Morton A. Aldrich, the College joined 16 leading business schools in founding The Association to Advance Collegiate Schools of Business (AACSB International) and thus set the standards for business education in the United States. The School has maintained continuous accreditation since 1916.

In 1984, the A. B. Freeman School of Business was named in honor of Alfred Bird Freeman, founder of the Louisiana Coca-Cola Bottling Company. Freeman, a renowned business innovator and civic leader, advocated foreign trade zones and further development of the port of New Orleans.

Today, the Freeman School continues to meet the needs of the business community - locally, nationally, and internationally - by educating the leaders of today and tomorrow through its Bachelor of Science in Management, Master of Business Administration, Master of Accounting, Master of Finance, and Doctor of Philosophy in Business Administration degree programs.

Facilities

The Freeman School is housed in Goldring/Woldenberg Hall I and II, state-of-the-art complexes offering an outstanding educational environment and professional support services.

Lillian A. and Robert L. Turchin Library

The Turchin Library provides both print and electronic resources in support of the teaching, learning, and research activities of the Freeman School, as well as supplies the business and management information needs of Tulane students and faculty, in general. The library is open 78 hours per week during the normal semester and has extended hours during exam period.

Management Communication Center

The MCC offers professional writing instruction and assistance in developing business presentation skills.

Management Technology Center

The MTC is equipped with Pentium-class multimedia workstations that have school-required software, access to the Freeman network, Internet access, and access to the university's shared systems. Use of the MTC is limited to Freeman School students, and Tulane ID cards are required to gain entry.

Classrooms

Both Goldring/Woldenberg Hall I and Goldring/Woldenberg Hall II have classrooms. Though students may occasionally have classes in both buildings, in general, Goldring/Woldenberg I (G/W I) houses undergraduate education.

Media Services

Located in Room 261 of G/W I, Media Services provides a wide range of audio/visual equipment and support for class presentations. All classrooms are equipped with a ceiling mounted projector, an Intel Pentium computer, a stereo DVD/VHS videocassette player, and a variety of the latest presentation technology. Media Services provides video recording services for both

taping class presentations and simulated job interviews in its two-camera color television studio. Digital editing for class projects is also available.

Career Management Center

The Career Management Center (CMC) at Freeman provides all business school students, beginning freshman year, with the professional resources to implement effective job searches. The CMC provides the following services and activities: one-on-one career plan coaching; résumé and cover letter assistance; mock interviewing; job market exploration and navigation assistance; referrals for internships and full-time employment; presentations and networking opportunities with employers and alumni; assistance with salary negotiations and offer acceptances; and, workshops and presentations for student organizations.

Networking

Each year, the CMC hosts several networking events to unite students with alumni and companies. These events provide students with the opportunity to enhance their communication and interpersonal skills while meeting valuable contacts within the business community. Freeman Days in New York, Houston, and New Orleans: Students are given the opportunity to network with Freeman alumni and affiliates in these three business communities during the peak recruiting season. Site visits and interviews are arranged based on employer interest.

Recruiting

The CMC has a formal recruiting program that brings high quality employers to campus to meet with and interview Freeman students. Over 100 companies per year recruit future employees from the Freeman School. In addition, the Freeman School is affiliated with national organizations that host yearly events designed to facilitate interviews among students and employers. Recruiting activities include, but are not limited to:

Freeman Days: Freeman Days are networking events where students can travel to New York, Houston, and DC and meet potential employers and alumni in that geographic region. It is a great networking opportunity and can lead to employment in the form of a job or internship.

The New York, Houston, and DC events consist of scheduled visits to various companies located in that geographic area and a Speed Networking event followed by an Alumni Networking Reception.

Mardi Gras Invitational Career Fair: The two-day event, sponsored by Tulane University and other New Orleans-area colleges and universities, provides students access to over 125 local and national employers seeking candidates in all majors and disciplines for internship and full-time employment.

Résumé Books: Full-time and internship résumé books profile the incoming and graduating classes and are distributed to local and national companies.

On-line Résumé Database: Employers receive 24-hour access to view and obtain student résumés from the CMC's web-based résumé file.

Information Sessions: Company representatives visit campus to provide students with the opportunity to learn more about their organizations.

On-Campus Interviews: Companies conduct interviews in the CMC interview suites upon request.

Resources

The CMC also provides students with a variety of resources and services for access to the latest career-related research and reference information.

CMC Website: The official website of the Career Management Center provides direct links to reference materials and resources relating to students' career development. Students may also access full-time listings, internship listings, on-campus recruiting schedules, a bulletin board of scheduled workshops and seminars, and detailed information regarding upcoming events and activities seven days a week, 24 hours a day.

Mentors: The CMC maintains a database of over 800 Freeman alumni who have volunteered to serve as advisers to students.

Resource Library: The CMC Library includes an array of reference materials, including directories, contact information, and publications to assist students with career information and the job search. On-line resources include access to the Vault Guides, Going Global, and WetFeet.

PhoneLine: Private phone lines are available to assist students with contacting out-of-state employers and alumni during business hours. A fax is also available to aid students in the job search process. Both services are available during office hours at no cost to students.

Centers of Excellence

The Freeman School has established several centers of excellence that complement its educational mission and promote specialized research and community outreach.

William B. and Evelyn Burkenroad Institute for the Study of Ethics and Leadership in Management: Created in 1990, the goal of this institute is to increase the understanding of leadership and ethics in business. The institute encourages fundamental research on individual and organizational decision-making in business.

Freeman Center for Doctoral Studies and Research: Established in 1992 through a generous endowment from the Ella West Freeman Foundation, the Freeman Center, located on the seventh floor of Goldring/Woldenberg Hall I, houses the Freeman School doctoral program in business administration. The Freeman Center, which provides funding for doctoral students and graduate faculty, was founded to facilitate faculty and student research and to serve as a conduit for the doctoral program to reach a preeminent position in management education and research. The Center features offices, equipped with computers and research facilities for doctoral students and research programs.

Goldring Institute of International Business: Established in 1991 and named for the Goldring

family, longtime contributors and supporters of Tulane and the Freeman School, the Goldring Institute administers Freeman School international programs. The Goldring Institute is guided by an advisory board of distinguished business, government and academic leaders who contribute to the achievement of the Institute's goals. The Institute's activities are divided into three major categories: Academic Programs, Center for Latin American Business Studies, and Research Programs.

Levy-Rosenblum Institute for Entrepreneurship: This institute, founded in 1991 through a gift from the Levy-Rosenblum Family Foundation, provides a forum where the Freeman School assists the corporate and family business community to identify and explore business issues through shared learning experiences. The Institute also trains and inspires entrepreneurs through coursework, community service projects, research assistantships, and internships. Additionally, it contributes to regional economic development through the coordination of joint academic, government, and business initiatives that stimulate private enterprise. The Levy-Rosenblum Institute seeks to fulfill its goals by organizing its efforts into four divisions: Corporate Partners for Community Service Program, Entrepreneurial Studies and Research Program, Family Business Center, and Economic Development Center.

Stewart Center for Executive Education: Founded in 1982 and named in 1994 in recognition of Frank B. Stewart and his family, longtime supporters of Tulane University, the Stewart Center offers working professionals the opportunity to earn an MBA with minimal interruption to their careers.

Special Programs

The Executive Master of Business Administration (EMBA) Programs: Tulane's EMBA programs provide a convenient format for experienced managers and professionals to earn their MBA degrees while maintaining their full-time careers. Students gain advanced management knowledge, which they are able to apply immediately to their work. Classes are taught in an accelerated, weekend format. The Freeman School conducts EMBA programs in the U.S. (New Orleans and Houston) and abroad (Chile, China, and Taiwan). The program is fully accredited by AACSB International and is consistently ranked among the top EMBA programs in the U.S. and Latin America by *Business Week*, *AmericaEconomia*, and other publications. Graduates earn a Tulane MBA degree.

Partnership Certificate Program: The Freeman School has been instrumental in establishing executive education programs in Latin America and in Asia in conjunction with prominent universities and corporations. Program graduates earn certificates from Tulane, often coupled with MBA or Master of Management degrees from the partnering university.

Custom-Designed Management Development Programs: Executive management training programs are custom-designed to equip mid- to upper-level managers with the skills and knowledge needed to meet challenges and changing demands in today's businesses. Courses may be selected from a standard selection or customized to address unique client issues. Working with program faculty or administration, the client may create an effective program that suits its specific management training needs.

Corporate Master of Business Administration (MBA) Programs: The Freeman School has initiated in-house MBA programs for corporations in the United States (Entergy) and in Asia

(Solelectron). These programs meet all AACSB International accreditation standards and seek to incorporate materials and courses specific to the sponsoring company.

Programs of Study

Degree

The hallmark of the Bachelor of Science in Management (BSM) is its flexibility in mixing a variety of disciplines while providing the structure and guidance necessary for a successful undergraduate experience. By design, the BSM program emphasizes a generalist approach to management education. The program's goal is to train well-rounded managers who can analyze problems and propose workable solutions.

Students admitted to the program should complete all 100- and 200-level courses prior to concentrating on their business majors, which consist primarily of 300- and 400-level courses. BSM students should consult with their academic adviser and A.B. Freeman School BSM Academic Coordinator at least once a semester, usually just before registration, to ensure that they are meeting all requirements for graduation and for their majors. Although every effort is made to ensure accurate advising, the student is responsible for knowing and satisfying all degree requirements. Additional information can be found online at <http://www.freeman.tulane.edu/studentserv/bsm.htm>

Majors

The A.B. Freeman School of Business offers the following majors:

- Marketing (MKTG)
- Finance (FINE)
- Legal Studies in Business (LGST)
- Management (MGMT)

Major Programs

The Freeman School offers the following majors: accounting, marketing, finance, legal studies in business, management. Minors are available in the following areas for undergraduate business students who meet the major requirements for another area: marketing, finance, legal studies in business, management. The business major option provides great flexibility in tailoring a program of study. Students wanting breadth across all areas of business may distribute their electives broadly within the school. The Freeman School strongly recommends that all students meet with an academic adviser and a BSM academic coordinator to determine appropriate curriculum requirements.

Double Majors

BSM students can only have one second business major or one business minor in addition to their first business major. Overlap is allowed for required business major or minor courses only. Students completing a second major or minor outside the business school must complete the school's requirements for that major or minor.

Special Programs

With the approval of the Energy Institute Faculty Committee and the BSM Curriculum Committee, a student in the Bachelor of Science in Management program may receive an Energy Specialization by completing at least nine semester credit hours of energy-related coursework. In addition to satisfying the course requirements, each student who receives the Energy Specialization must be approved by faculty affiliated with the Entergy-Tulane Energy Institute. The Entergy-Tulane Energy Institute Faculty Committee must review and approve any waivers or deviations from these requirements.

Summer Study Abroad

The Freeman international business program enables students to live and study in another culture. During the intensive summer study abroad, students earn elective credits toward completion of their Freeman business degrees. The courses develop their international management skills by focusing on cultural understanding and global strategies that create competitive advantages in international business. All courses are taught in English by Freeman School and international faculty. At the host institutions abroad, students study in a campus environment. Courses are offered at two European locations each year. Courses completed during the summer study abroad are considered Freeman School courses, count as Freeman electives, and will be included in the Tulane grade-point average.

Semester Study Abroad

The Freeman School offers students who had a 3.000 GPA the previous two semesters the opportunity to study abroad while enrolled in the business school. Currently, there are multiple approved sites in Asia, Australia, Europe, and Latin America. The business school's semester abroad is a flexible program in which students may select the semester in which they go abroad. The curriculum can also be tailored to the students' individual needs. Business courses, language courses, and courses pertaining to the specific country in which they are studying are all possible choices. Students approved to study abroad must submit their academic plan to their academic adviser and academic coordinator for approval the semester prior to departure. This plan ensures that the students will be making satisfactory progress toward the BSM degree, while benefiting from an international educational experience. The semester study abroad program is a direct exchange program with our partner institutions. The coursework a student completes at the other university is considered Freeman School coursework and, therefore, is counted in the Tulane grade-point average. The business courses taken as part of the semester study abroad are counted as Freeman electives. Enrolled students pay Tulane University tuition.

Independent Study

To register for an independent study an overall GPA of 3.333 or higher is required as is senior standing. Approval of the instructor and of the area head are required.

Internships

Freeman School majors may elect to do a business internship that will appear as a one-credit, 400-level course on their transcripts; however, the credit does not apply towards the 122 minimum hours required for a BSM degree. The internship must be related to one of the majors

offered through the BSM program and the purpose of the internship must be to apply (within an ongoing business organization) the intellectual capital obtained from first- through third-year Freeman School courses. The student is responsible for locating the firm and arranging an internship position.

Before registering for the internship, the student must present a proposal indicating the objectives of the internship and how the student will demonstrate that the objectives have been met. This proposal must be approved by an instructor (faculty sponsor) who teaches in the respective major. Final approval by the Freeman School Office of Undergraduate Education must occur prior to course registration. This course is normally offered only during the summer and fulfills the "curricular practical training" option for students with F-1 visa status.

Master of Accounting

Tulane's 30 credit-hour program is designed to meet the needs of future accounting professionals. Unique features of the program are the ability to custom design a curriculum based on career aspirations as well as a busy (accounting) season internship. Freeman School students may apply for admission to the Master of Accounting program in the junior year. It is possible to earn both the BSM and MACCT degrees concurrently. (For more information or to apply, please contact: Office of Admissions, Freeman School of Business, Tulane University, New Orleans, LA 70118; 504-865-5410.)

Master of Finance

For students interested in a future in finance, Freeman offers a 12-month, 34 credit-hour graduate program. The Master of Finance program is designed for students who want in-depth coverage of finance without the broad-based managerial curriculum typical of MBA studies. Students must have earned an undergraduate degree before they begin the Master of Finance program. (For more information or to apply, please contact: Office of Admissions, Freeman School of Business, Tulane University, New Orleans, LA 70118; 504-865-5410.)

MBA Early Admit Program

The Freeman School offers early admission to its MBA program in conjunction with the Schools of Liberal Arts, Public Health and Tropical Medicine, or Science and Engineering. Qualified undergraduates begin study toward the MBA as seniors. Courses taken in the first year of the MBA program will serve as electives for the undergraduate degree. Thus, with careful planning, students can earn both degrees in five years rather than the customary six. years. There are no prerequisites for the early admit program. Admission is highly selective and is made primarily on the basis of undergraduate GPA and performance on the Graduate Management Admission Test (GMAT). To be considered, students must complete all undergraduate major and core requirements by the end of the junior year; therefore, students in the BSM program and Tulane's School of Architecture are not eligible. Interested students should contact their academic advisers as early as the first- or sophomore year to ensure that their curricula are planned with this program in mind.

Doctor of Philosophy

The PhD program in business administration at the A. B. Freeman School of Business is a full-

time, research-intensive program. The Doctor of Philosophy program is designed for students who want in-depth coverage in preparation for teaching at the college level. It is a four-year, 48 credit-hour program. Students must have earned an undergraduate degree prior to beginning the PhD program. (For more information or to apply, please contact: Office of PhD Admissions, Freeman School of Business, Tulane University, New Orleans, LA 70118; 504-865-5495.)

Honors and Awards

Honor Societies

Beta Alpha Psi: This honorary national accounting fraternity seeks to promote continuous self-improvement, to foster high moral and ethical standards, to encourage and recognize scholastic and professional excellence, to cultivate a sense of responsibility and service, to promote the collegiate study of accounting, and to provide an opportunity for association between its members and practicing accountants. Membership, by invitation only, is based on scholarship and professional attributes.

Beta Gamma Sigma: The purpose of this honorary business scholastic fraternity is to reward scholarship and accomplishment in all phases of business, to promote the advancement of education in the science of business, and to foster principles of honesty and integrity in business practices. High scholarship and promise of marked ability are the prime requisites for selection of graduating seniors for membership. New members join by invitation at the annual meeting that is held in conjunction with graduation activities.

Academic Honors

Please consult the Newcomb-Tulane College policy. Awards Bestowed at Commencement
Please consult the Newcomb-Tulane College section and the BSM handbook.

School of Professional Advancement

Administration

Suri L. Duitch, Ph.D.

Dean and Vice President for Academic Innovation

Ilianna H. Kwaske, Ph.D.

Associate Dean for Academic Affairs

Christa Payne

Director, Business Operations and Administrative Services

Sherry Chance, A.B.D.

Assistant Dean, Student Support and Success

Uptown Campus

125 Gibson Hall

Tulane University

6823 St. Charles Ave.

New Orleans, LA 70118

(504) 865-5555

asksopa@tulane.edu

Elmwood Campus

800 E. Commerce Rd.

Suite 100

Harahan, LA 70123

(504) 865-5333

asksopa@tulane.edu

Mississippi Coast Campus

Edgewater Village

2650 Beach Boulevard

Suite 44

Biloxi, MS 39531

(228) 388-5769

tulanems@tulane.edu

The School of Professional Advancement (SoPA) offers high quality degree and certificate programs in the humanities and in applied fields that are directly relevant to the needs and interests of working adults. Our faculty, most of whom are working professionals, ensure that our

programs stay up to date, helping our graduates to maximize the value of their degrees. For over 130 years, SoPA has extended the resources of Tulane University to the communities it serves. Although the name has changed over time, the mission has remained constant: to develop and deliver distinctive undergraduate and graduate professional programs of the highest quality for a diverse student population that fits into the lives of working adults.

SoPA offices are located in Gibson Hall on Tulane University's uptown campus; the School also makes its programs available at campuses in Harahan at the Elmwood Campus, and in Biloxi at the Mississippi Coast Campus in Edgewater Village.

The "Trimester" System

SoPA features three terms during the year (fall, spring, and summer) with approximately the same number of courses offered in each 'trimester.' The summer 'trimester' includes twelve-week sessions and two six-week sessions, offered at the Uptown, Elmwood, and Mississippi Coast campuses, and online.

Programs of Study

One of the school's greatest strengths is the diversity of its academic offerings and the flexibility with which students may approach them. Students may pursue a degree with a major offered by SoPA or they may work toward a major offered through another undergraduate division of the university. Students who already have a bachelor's degree or who do not want to make the long-term commitment to a degree in arts and sciences may choose to earn a certificate in one of the specialty programs offered by SoPA. Students may also prepare to transfer to a degree program at another school at the university or take miscellaneous courses that suit their personal interests or professional needs.

Associate Degree Programs

- [Applied Business](#)
- [Applied Computing Systems and Technology](#)
- [Digital Design](#)
- [Health and Wellness](#)
- [Homeland Security Studies](#)
- [Human Resource Development](#)
- [Marketing](#)
- [Paralegal Studies](#)
- [Public Relations](#)
- [Small Business Development](#)
- [Social sciences](#)
- [Website Development](#)

Bachelor Degree Programs

- [Applied Computing Systems and Technology](#)
- [Arts](#)

- [Digital Design](#)
- [Fine Arts](#)
- [Health and Wellness](#)
- [Homeland Security Studies](#)
- [Humanities](#)
- [Paralegal studies](#)
- [Public Relations](#)
- [Science](#)
- [Social sciences](#)
- [Website Development](#)

Master Degree Program

- [Master of Professional Studies in Applied Computing Systems and Technology](#)
- [Master of Professional Studies in Homeland Security Studies](#)
- [Master of Liberal Arts](#)
- [Master of Professional Studies in Health and Wellness Management](#)

Minors

- [Accounting](#)
- [Accounting and Finance](#)
- [Advertising](#)
- [Applied Business](#)
- [Applied Computing Systems and Technology](#)
- [Digital Design](#)
- [Graphic Design](#)
- [Health and Wellness](#)
- [Homeland Security Studies](#)
- [Human Resource Development](#)
- [Louisiana Studies](#)
- [Marketing](#)
- [Paralegal Studies](#)
- [Public Relations](#)
- [Small Business Development](#)
- [Website Development](#)

Post Baccalaureate Certificate Programs

- [Applied Business](#)
- [Business Systems Analysis](#)
- [Digital Design](#)
- [Health and Wellness](#)
- [Homeland Security Studies](#)
- [Human Resource Development](#)
- [Information Technology](#)
- [Integrated Application Development](#)

- [Marketing](#)
- [Paralegal Studies](#)
- [Public Relations](#)
- [Small Business Development](#)
- [Website Development](#)

Certificates of Completion

- [Accounting](#)
- [Finance](#)
- [Human Resource Development](#)
- [Management](#)
- [Marketing](#)
- [New Ventures](#)

Academic Advising

Students are encouraged to maintain regular contact with their academic advisors in matters relating to academic planning, satisfaction of degree requirements, quality of work rules, and transfer of credit from other institutions.

Student Government

Student government is funded by a mandatory student fee. Part of the income goes to Tulane University student organizations and activities, and part is retained by the SoPA Student Government Association. Student activity fees are distributed by the Associated Student Body, which organizes campus activities. The SoPA Student Government Association is part of the Graduate and Professional Student Association, and requests its budget from that body.

Students interested in student government should contact the student government advisor at 504-865-5555.

Alumni Association

All graduates of SoPA automatically become members of the Alumni Association. There are no dues. The purpose of the association is to promote the idea of higher education with emphasis on the continuing education of adults and to encourage fellowship among members. Contact with the Alumni Association can be made by calling the Office of Alumni Relations at (504) 865-5901 or online at <http://alumni.tulane.edu>.

Admission, Costs, and Transfer Credits

Undergraduate Admission

SoPA has an open admissions policy for those pursuing undergraduate coursework. Students are not required to submit ACT or SAT test scores in order to be admitted but must hold a high school diploma or general equivalent diploma. Continued enrollment is based on satisfactory

academic performance.

Students wishing to study through SoPA should complete the online application form at scs.tulane.edu, along with a non-refundable \$25 processing fee. Applications cannot be processed without this fee. Students who have attended college previously and plan to work toward a degree or certificate must contact all former schools and have official transcripts sent directly to SoPA. Students who have not attended college must submit a copy of their high school transcript (or equivalent) with their application.

Recent high school graduates (within two years of graduation) must submit ACT or SAT scores before enrolling in ENGL 1010 (Freshman Writing). Students who do not submit ACT or SAT scores are required to submit a writing sample to the school before enrolling in courses to determine their suitability for enrolling in ENGL 1010. With the recommendation of the English Department, SoPA will determine whether a student may enroll in ENGL 1010. If the school determines that a student is not prepared to enroll in ENGL 1010, the school will enroll the student in CSEN 1000, Composition and Reading, and limit the student to six credits for the semester. The student must successfully complete CSEN 1000 in order to enroll in ENGL 1010. If the student does not successfully complete CSEN 1000, he or she must enroll in it every semester or summer session until he or she passes the course.

Students can be admitted conditionally without transcripts, but registration may be canceled if transcripts have not been received by mid-semester. Students desiring to attend SoPA and do not plan to earn a degree (i.e. are “non-matriculating”) do not need to submit transcripts of previous college work. Students dismissed from, or on probation at, their last college may be admitted on probation at the discretion of the Academic Performance Committee. Conditions of probation at entry generally include a load limit of seven credits in the first semester. Readmission is generally contingent upon the student earning grades of C or better in all courses taken the first semester.

Graduate Admissions

To be considered for admission, a prospective graduate student must have earned an undergraduate degree from an accredited institution prior to the first semester of proposed graduate study. The applicant also must have earned a 3.0 cumulative grade point average or better in undergraduate coursework. Students with undergraduate grade point averages below 3.0 may be considered for provisional admission, provided that they demonstrate significant professional experience in a relevant field.

Additional, program-specific requirements may apply, depending on the graduate degree and program pursued. Graduate applicants must submit transcripts from all undergraduate institutions attended before they will be admitted.

Interdivisional Transfer

Students in good academic standing in Newcomb-Tulane College who wish to change to part-time status may, with the approval of the dean of Newcomb-Tulane College, transfer to SoPA.

Students on probation in Newcomb-Tulane College who wish to improve their academic standing through part-time studies may, with the approval of the dean of Newcomb-Tulane College, transfer to SoPA but will be admitted on probation.

Note: Students not eligible to return to another division of Tulane University are generally inadmissible to SoPA. These students may appeal to the SoPA associate dean for academic affairs for probationary admission.

Students in SoPA who wish to transfer to Newcomb-Tulane College should obtain the recommendation of the SoPA associate dean of academic affairs. This recommendation is given only to students who have completed at least two full terms (not including Summer) semesters in SoPA and are in good academic standing. Students must have completed at least 18 credits including ENGL-1010, a course satisfying the mathematics requirement, a course satisfying the science requirement, a course that is part of the foreign language requirement, a course satisfying the social science requirement, a course satisfying the humanities requirement, as well as have at a least a C cumulative grade point average.

Transfer of Credit from Other Colleges

Students who wish to transfer credits earned at other colleges and universities must have official transcripts sent directly to SoPA. SoPA will transfer only those credits earned at another college or university which was accredited by a regional accreditation authority (such as the Southern Association of Colleges and Schools) at the time the courses were taken. Up to 60 credits may be transferred from a regionally accredited college or university. Coursework from foreign universities will be referred to the Center for International Studies for evaluation and translation, if necessary.

Individual academic departments at Tulane may have rules governing the transfer of credits from community or junior colleges that may affect students. For specifics, contact an academic advisor. No more than 27 credits of business coursework may be transferred to SoPA; no more than 27 credits in business may be applied to any bachelor's degree at SoPA.

Work from such regionally accredited colleges is transferred at the value in credits/hours for which it was awarded if a grade of C- or higher was earned and if an equivalent Tulane course exists. Credits earned while enrolled at other schools of Tulane University apply to degree programs within SoPA, though there are distinctions and differences in applying the credit to degree programs. Consult your academic advisor about these distinctions.

Students transferring from a school using the quarter, rather than the semester, system are awarded two-thirds of a semester hour for each quarter hour credit. The transfer of credit from institutions not belonging to a regional accrediting body is at the discretion of SoPA. The school does award 12 transfer credits for graduates of the New Orleans Police Academy. Courses transferred from other institutions are not included in the calculation of grade-point average.

Students with transfer credits should see an academic advisor before the end of their first semester to have their credits evaluated. When transcripts are received, students will be notified via a receipt of transcript acknowledgement sent to their Tulane email accounts. Students who do not receive a transcript receipt in a reasonable time frame should contact the SoPA Records Manager to check the status. Transfer credit requested for academic work done more than 10 years ago is subject to review.

Students wishing to take courses at another institution during the summer must first receive approval from the SoPA associate dean for academic affairs office and from the appropriate department. Ordinarily, while enrolled at Tulane, part-time students are not permitted to take

credit courses at any other university and apply those credits toward a degree program at Tulane.

Credit for Life and Work Experience

SoPA recognizes that many of its students come with extensive professional and life experiences that have the potential to translate into advanced standing or exemptions from certain academic requirements and coursework in both undergraduate and graduate degree and certificate programs.

At this point, SoPA uses two primary methods of awarding credit for previous experiences: the College Level Examination Program (CLEP) and DANTES Subject Standardized Tests (DSST). Qualified SoPA students may receive up to 24 credits by testing out of courses through CLEP tests and through DSST. Credit earned through CLEP or DSST does not count toward the School's residency requirement, and may not be transferable to other divisions within Tulane. Please consult your academic advisor for additional information about the process.

The table below lists the CLEP tests accepted by SoPA, the corresponding Tulane course, and the minimum required passing score.

CLEP ExamName	Tulane class	Minimum Passing Score
Financial Accounting	BSAC 1120 Elementary Accounting	65
Introductory Business Law	BSBL 3400 Legal Aspects of Business	60
Principles of Management	BSMT 2310 Principles of Management	63
Principles of Marketing	BSMK 3200 Introduction to Marketing Principles	65
Information Systems	CPST 1200 Fundamentals of IS & IT	66
Humanities	CSHM 2010 Humanities	55
American Government	POLA 2100 American Government	50
Introductory Sociology	SOCI 2010 Foundations of Sociology	50
Western Civilization I	HISE 1210 Western Civilization I	55
Western Civilization II	HISE 1220 Western Civilization II	54
Calculus	MATH 1210 Calculus I	50
Chemistry	CHEM 1070 General Chemistry I	50
Introductory Psychology	PSYC 1000 Introductory Psychology	50
Natural Sciences	CSNA 2010 Natural Sciences	62

The table below lists the DSST tests accepted by SoPA, the corresponding Tulane course, and

the minimum required passing score.

DSST Exam Name	Tulane Class	Minimum Passing Score
Human Resource Management	HRDV 3330 Introduction to Human Resources	53/434
Money and Banking	BSFN 3310 Money and Banking	54/434
Organizational Behavior	BSMT 3340 Organizational Behavior	52/434
Principles of Finance	BSFN 2210 Introduction to Finance	53/434
Intro to World Religions	CSRL 3330 Introduction to World Religions	52/434
Principles of Public Speaking	SPEC 1400 Persuasive Public Speaking	52/434
Here's to Your Health	WLHP 1800 Fundamentals of Health	51/434
Physical Geology	EENS 1110 Physical Geology	46/400
Principles of Statistics	MATH 1110 Probability and Statistics I	48/400

* Tests taken prior to 2008 are scored on a 20 – 80 point scale. Tests taken in 2008 and later are scored on a 200 – 500 point scale.

In addition, SoPA can award 12 elective credits to individuals who are graduates of training academies for police officers, firefighters and paramedics. Individuals applying for these credits must be able to document their graduation from a training academy and/or certification as a firefighter, police officer or paramedic.

Registration Policies and Procedures

Registration

SoPA students are governed by the registration policies and procedures set by the university. Consult the Registration Policies and Procedures in the University Policies and Procedures section of the university catalog regarding the registration and confirmation process.

Students with registration holds should clear their blocks prior to the start of the semester. Students will not be allowed to retroactively register for classes after the deadline for the last day to register/add has passed.

Note: SoPA reserves the right to cancel any course with low enrollment.

Tuition and Fees

Consult the [SoPA Website](#) for current tuition rate and fee schedule.

In addition to tuition, SoPA students pay university and student activity fees. Special fees are charged for laboratory and studio courses, and special examinations as specified in the Schedule of Classes published by the Registrar's Office.

SoPA students may register for courses offered by other divisions at Tulane but must pay a substantially higher tuition for those courses. Several sessions of evening courses are offered each summer at SoPA tuition rates. SoPA students may take daytime Summer School courses without restriction but must pay tuition at the Summer School rate rather than the SoPA rate.

Tuition refunds are allowed for students who drop courses by the dates specified in the academic calendar published online.

Note: Application, lab, other special course fees, and university fees are non-refundable.

Failure to attend a class does not constitute a withdrawal. Students will still be held responsible for any financial obligations related to a class for which they registered and failed to properly withdraw.

No diploma or transcript will be given to a student who is in default on any payments due to Tulane University.

Changes to Academic Records

No changes to course enrollment status, grades or grade types will be made more than three years after the close of the semester in which the course was offered. This rule places a three-year time limit on the retroactive adding or dropping of courses, or requesting grade changes.

Retention of Academic Records

Academic records will be retained for at least eight years from the time of first enrollment of that student cohort. For most students, this will mean that their records will be kept for 4 years after graduation. This restriction does not apply to records kept by the registrar's office; those records are retained permanently.

Add/Drop Policy

Students wishing to add or drop courses should consult the academic calendar for deadlines and instructions. Failure to make schedule adjustments promptly and accurately may result in financial or academic penalties.

Schedule adjustments are done online during the two weeks following the first day of the semester.

Courses can be dropped online up to the last day to drop during the semester. If a student wishes to drop all of his or her courses during a semester, he or she must submit a resignation form (see Withdrawal section below.)

Withdrawal

Voluntary

A student who has registered for a semester and plans to withdraw from the university by dropping from all his or her courses must complete a resignation form.

Medical

A withdrawal from courses for medical reasons requires an official letter of recommendation from a physician in the Student Health Center and the approval of the SoPA Dean's office. Students seeking a medical withdrawal must report to their academic advisor before going to the Student Health Center for an evaluation. Grades of W are assigned when a student withdraws from one or more courses for medical reasons after the last day to drop without record.

A partial medical withdrawal (from some but not all courses) or incomplete grades in one or more courses may be permitted upon the recommendation of the Student Health Center. Withdrawals from individual courses for medical reasons after the published deadline for dropping a course will require supporting justification. Partial withdrawals are not given during the last two weeks of classes. The deadline for medical withdrawals from all courses is the last day of classes each term. Requests for retroactive medical withdrawals normally are not approved.

Refunds will be based on the official date of withdrawal.

SoPA may require a medical clearance before a student can continue studies in a semester that begins after administrative action has been taken on behalf of the student for medical reasons.

Required

A student may be required to withdraw from any course or from the university, temporarily or permanently, for any of the following reasons: possibility of danger to the health of the student or to that of other students if enrollment is continued; refusal to obey regulations; violation of the Honor Code or other serious misconduct; unsatisfactory class attendance; or work below the required scholastic standards.

Appeals

Students who are requesting changes to their academic record outside of the current term's academic calendar should consult with their academic advisor.

Academic Policies

Academic Performance

Credits and Grades

Undergraduate and graduate units at Tulane University are measured by credits that correspond to the number of hours the class meets per week.

Most courses meet three hours a week and are valued at three credits. SoPA, along with the other divisions of Tulane, adopted a plus/minus grading system beginning fall 1981. Each grade

is assigned a number of quality points that are used in the calculation of the grade-point average. Grades and quality points used at SoPA are as follows:

A	4.00
A-	3.67
B+	3.33
B	3.00
B-	2.67
C+	2.33
C	2.00
C-	1.67
D+	1.33
D	1.00
D-	0.33
F	failing, no grade points = 0.00
WF	withdrawn failing, counts in the GPA as an F = 0.00
UW	unofficial withdrawal, counts in GPA as an F = 0.00
W	withdrawn passing, not used in GPA computation
S	satisfactory, not used in GPA computation (C- or above) but counted in earned hours
U	unsatisfactory, not used in GPA computation (below C-) and earns no credit
AU	audit, not used in GPA computation
I	incomplete, no grade points = 0.00

Satisfactory/Unsatisfactory

Undergraduate students in SoPA may avail themselves of the satisfactory/unsatisfactory option. A course with the grade of satisfactory (S) typically may not be used to satisfy proficiency, major, or minor requirements, and no more than 18 credits of S will be credited toward the degree. Students should be aware that many colleges will not accept the transfer of credit with this grade.

Students may take three credits of work on a satisfactory/unsatisfactory basis per academic year (fall, spring and summer) if they have completed at least 30 credits of college work and are not on probation.

To receive a satisfactory grade, students must earn a C- or higher. The grade of S is not calculated into the grade-point average. Grades below C- will be designated as unsatisfactory (U). The grade of U will not be calculated into the grade-point average.

Audit

Any student may take a course on an audit basis. No credit is earned for this work, but the course is entered on the official transcript with a grade of AU. Part-time students must pay the appropriate tuition for an audited course.

Incompletes

An incomplete grade is given at the discretion of the instructor. It allows a maximum extension of 30 days after the end of the term for the completion of the coursework. If the work has not been submitted by the deadline, the incomplete is converted to an F. Extensions of the 30-day deadline may be requested in writing by the student and must be approved by the instructor and the SoPA associate dean for academic affairs. Extensions are approved only when a student has made an attempt to complete the missing work within the original 30-day period but, in the view of the instructor and the associate dean, has been prevented from completing the work by some special circumstance beyond the student's control. Extensions must be approved before the 30-day deadline expires; extensions are not approved retroactively.

Repeated Courses

Part-time students who do not want a grade to count in the grade-point average may repeat the course under the following circumstances:

- the course to be repeated was completed during the student's first semester (Fall, Spring, or Summer) at Tulane
- the repeated course, taken at Tulane, is identical to the one it replaces

If the above conditions are met, the student must meet with an advisor and request that the first grade be dropped from computation in the grade-point average. The grade for the repeated course, even if lower than the first grade, will be factored into the student's GPA. The grade for the first course will remain on the student's transcript.

Note: If passing grades are recorded twice or more for the same course, only the credit hours for one course will count towards the graduation total. Grades assigned by a university committee, including a WF for an Honor Code conviction, cannot be removed from the student's transcript or cumulative grade-point average even though the course may be repeated.

Maximum Credits for Part-Time Students

Students in good standing in the SoPA are limited to 13 credits per semester. Students on probation are typically limited to 7 credits. Undergraduate students may not enroll in 7000-level courses.

Honors

A dean's list of undergraduate students is compiled at the end of the fall and spring semesters. To be eligible for the dean's list, in any given semester students must pass at least six credits, excluding those earned in courses taken on a satisfactory/unsatisfactory basis and earn a grade-point average of 3.40 or greater. Students who earn a grade of U on any courses taken on a

satisfactory/unsatisfactory basis are not eligible to be on the dean's list.

Superior baccalaureate students are recognized at graduation by the award of the distinction cum laude. To qualify, a student must have a cumulative grade point average of at least 3.40, must have earned at least 60 credits at Tulane University, excluding those earned in courses on a satisfactory/unsatisfactory basis, and must be receiving a bachelor's degree.

The Theta Chapter of Alpha Sigma Lambda is a national scholastic honor society for part-time college students who are juniors or seniors. Invitations for membership are extended each year to qualified students. To be eligible, students must be enrolled on a part-time basis in a degree program, have attended SoPA for at least three semesters, earned at least 36 credits at Tulane, and have a cumulative grade-point average of at least 3.200. Additional information on requirements and invitations to membership can be obtained from the chapter advisor at SoPA.

Requirements for Graduation

Students must submit an application for degree/certificate early in the semester in which they plan to graduate. This application must be completed with the student's academic advisor. Applications for degree/certificate are available at each campus location. When students apply for their degree, their work is evaluated by the criteria in place at the start of their work towards that degree. SoPA updates programs periodically; changes in our curriculum go into effect for students who start the program the following semester. If you are concerned that a change in our curriculum will affect your degree requirements, or if you would like to take advantage of such changes, contact your advisor.

Associate Degree

To receive an associate degree, the student must complete all program requirements and have at least a 2.0 cumulative grade-point average.

Bachelor's Degree

To receive a first baccalaureate degree from SoPA, students must have a minimum of 120 credits of passing work, as follows:

Proficiency Requirements

English/Writing 4 credits

Quantitative Reasoning (BA, BFA) 3-4 credits or Mathematics (BS) 6-8 credits

Foreign Language or Perspectives Outside European Tradition/Comparative Cultures 6-8 credits

Supporting Requirement

Oral Communications 3 credits

(Not required for students majoring in disciplines in the School of Liberal Arts and the School of Science and Engineering)

Distribution Requirement

(BA or BS with an SoPA major)

Humanities 12 credits

Science 12 credits

Social Science 12 credits

(BA or BS with a major in the School of Liberal Arts or the School of Science and Engineering)

Humanities 9 credits

Science 10 credits

Social Science 9 credits

Comparative Culture Perspective Outside the European Tradition 3 credits

Designated Writing Requirement

A designated writing course (May be a Writing across the Curriculum course, which can also be used to fulfill a major, minor, or distribution requirement)

Major Requirements

Major (BA, BS) 30 to 36 credits

(BFA) 48 credits

Minor Option

Minor 15-18 credits

Electives

As needed to reach a total of 120 credits.

Minimum Requirements to Graduate

Students must have a cumulative 2.0 grade point average to graduate. They must also have a minimum 2.0 grade point average in their major(s) and, if applicable, their minor(s). For SoPA majors, at least 60 credits must be earned in courses at the 2000 level or higher.

No more than half the credits used toward satisfying graduation requirements may be in the major. Students may take no more than 70 credits each of humanities, science, and social science. This includes credits in the major.

Students may not submit toward graduation requirements more than 6 credits of electives earned in courses with designations such as Independent Study, Special Projects, Directed Study, and Practicum. Students who must exceed this limit are required to petition the dean's office.

English Writing Requirements

English 1010, a 4-credit intensive writing course, is Tulane's proficiency writing requirement. Students who need to review basic English skills before enrolling in English 1010 may wish to take CSEN 1000 for elective credit. CSEN 1000 does not count toward the completion of the writing requirement. In addition to English 1010, students majoring in SoPA disciplines must also

complete 3 credits in intensive writing. Consult your academic advisor before registering for a Writing Across the Curriculum course.

Quantitative Reasoning Requirement

Students working toward a Bachelor of Arts Degree in an SoPA discipline are required to demonstrate competency in 3-4 credits of quantitative reasoning by passing any mathematics course; CPST 1070, Philosophy 1060 or 1210, or BSMT 3250.

Students working towards a Bachelor of Science Degree in an SoPA discipline are required to demonstrate competency in 6-8 credits in mathematics related courses by passing two of the following courses: any mathematics course, CPST-1070, or BSMT-3250.

Students majoring in a Liberal Arts and Sciences (LAS) discipline may not use CPST 1070, Phil 1060, or BSMT 3250 to satisfy this requirement.) Instead they must do one of the following:

For a BA:

- Successful completion of one course in Mathematics (Math 1150 without 1160), or
- Successful completion of Symbolic Logic (Phil 1210).

For BS:

- Successful completion of Math 1210 (or Math 1150 and Math 1160), and
- Successful completion of Math 1220 or Math 1230.

For a BSE:

- Successful completion of Math 1210 and Math 1220.

Foreign Language Requirement

Students pursuing any bachelor's degree offered by SoPA are required to demonstrate competency in a foreign language. Proficiency is demonstrated through successful completion of the second level in any foreign language or two courses in Perspectives Outside the European Tradition/Comparative Cultures and International Perspectives (Non-Western). Students may also blend one language and one non-Western course. Please consult the SoPA website for a list of possible Non-Western courses.

Supporting Requirement

Students majoring in SoPA disciplines are required to complete one course in oral communications (Any SPEC course, BSMT 2250 or THEA 2100). There are no supporting requirements for students majoring in LAS disciplines.

Distribution Requirement

Students majoring in SoPA disciplines are required to complete 12 credits each of humanities/fine arts, sciences, and social sciences. In each distribution area, courses must be chosen from at least two different disciplines.

Students majoring in LAS disciplines must complete 12 credits in Cultural Knowledge, comprising any six credits of Humanities and Fine Arts and any six credits of Social Sciences. They must also complete 6-8 credits in Physical, Life and Behavioral Sciences. This requirement can be attained by successful completion of two courses selected from: architectural technological systems, astronomy, biology, chemistry, earth and environmental sciences, neuroscience, physics, psychology, or in public health (only SPHU 1020 or SPHU 2020. Note: One of the science courses must be selected from a list of courses with an approved laboratory component.

Courses taken to satisfy Proficiency and Supporting Requirements may not be used to fulfill distribution requirements for SoPA majors. For majors in the liberal arts and sciences, courses taken to satisfy core competency requirements may not be used for distribution requirements.

Major Requirements

Courses taken to satisfy Proficiency, Supporting, and Distribution Requirements may be used to fulfill major and minor requirements. However, you may not receive double credit for the same course. At least 24 credits in the major must not overlap with the minor. Students must have a grade point average of 2.0 in the major to receive the degree.

Residence Requirement

At least 60 credits of a student's degree program must be completed at Tulane University, with the final 30 taken while enrolled in SoPA. For an associate degree, certificate, major, or minor, at least one-half of the credits required in the area of concentration must be completed while enrolled in SoPA.

Graduate Degrees

A student may earn a Masters of Liberal Arts (MLA) or a Masters of Professional Studies (MPS) by completing the major course requirements for one of these degrees. There are limitations on transfer credits. For more information, consult the SoPA website.

Limitations

Leave Restrictions for Returning Students

Students who return to the SoPA after an absence of more than seven semesters may not be able to complete the program in which they originally enrolled. Returning students should talk with an academic advisor to determine possible changes in requirements or curriculum.

Business Course Restriction

Students may not earn more than 27 credits in courses under the business studies category or apply more than 27 credits of business courses toward any SoPA program. Business studies credits earned at SoPA are not applicable to any AACSB-accredited business school. All courses in accounting, business law, finance, management, and marketing fall within this restriction.

Academic Standards

A student may be dismissed from SoPA for lack of sufficient academic progress toward fulfilling degree requirements. Through adherence to these regulations, the university seeks to ensure that its educational facilities are reserved for capable students who are motivated. For continued eligibility, academic progress is measured both by minimum credit and minimum grade-point average.

Academic Progress

Undergraduate classification is based on cumulative earned credits:

- Freshman 0-24 earned credits
- Sophomore 25-56 earned credits
- Junior 57-91 earned credits
- Senior over 91 earned credits

Students in SoPA are required to maintain a minimum grade-point average throughout their enrollment (see table below). Students who fail to meet this minimum standard are placed on academic probation. The cumulative grade-point average of a student is calculated by dividing the number of quality points a student has earned by the total number of quality hours (including credits with failures). Only the grades of S, U, NR, W, and grades in courses affected by SoPA' "Repeated Course" policy are excluded from this calculation.

Academic Enforcement for Part-Time Students

The quality of each part-time student's work will be monitored at the end of each semester. Enforcement consists of two distinct steps: probation and dismissal.

Probation

Any student who does not meet the minimum cumulative grade-point average as shown in the table below will be placed on academic probation. The status of probation lasts until it is removed as a result of academic improvement or ended by dismissal. Part-time students who are placed on probation are notified in writing that their academic progress is insufficient. Students on probation may enroll in no more than seven credits. As a further condition, all coursework taken while on probation must be passed with at least the grade of C. Students on probation cannot be given a recommendation of good academic standing to another institution for purpose of cross-enrollment or summer school admission. Transfer students admitted on probation to SoPA may enroll in no more than seven credits. In addition, they must earn at least a 1.500 grade-point average during their first term of enrollment or they will be dismissed.

Dismissal

After attempting 31 credits at Tulane, students will be dismissed if they fail to earn a C in each course taken while they are on academic probation. Dismissal from the university is for a period of at least one academic semester (summer is not counted as a semester). A third dismissal is for a period of one calendar year and cannot be appealed. Any coursework taken at another college or university during the dismissal period is not transferable to SoPA.

Minimum Credits and Grade Point Average Quality-of-Work Rules

Minimum Cumulative Attempted Hours	Minimum Cumulative GPA
1-30	1.75
31-61	1.85
62-93	1.95
94-124	2.00

Reinstatement

Any student who has been dismissed from the SoPA has the right to petition the SoPA Academic Performance and Petitions Committee. Students who return after their dismissal period are placed on academic probation.

Petitions

Written petitions from students who have been denied registration under these regulations are evaluated by the SoPA Academic Performance and Petitions Committee.

Successful petitioners will be readmitted on the terms and conditions specified by the committee, which may include limitation on the number of courses, specification of courses that must be taken, progress that must be achieved, the time within which terms and conditions must be met, and classification of academic standing.

Class Attendance

Regular attendance is essential to successful academic progress. Students are expected to attend all classes, laboratories, seminars, and conferences as scheduled unless they are ill or prevented from attending by exceptional circumstances.

Instructors may establish policies for attendance of their classes, which are announced at the beginning of the semester and included in the course syllabus. Students who find it necessary to miss class are responsible for obtaining notes on material covered in lectures or other class sessions. It is up to the instructor to determine whether to allow the student to make up missed quizzes, examinations, or other exercises.

Students are also responsible for notifying professors about absences that result from serious illnesses, injuries or critical personal problems. Medical excuses are not issued by the University Health Service, except in instances of illnesses or injuries that involve hospitalization, in the event of partial or complete withdrawal due to medical reasons, or in the event of a missed final examination for a medical condition being cared for by the Student Health Center. In all of these instances, medical information will only be released with the student's written permission. Students should be aware that instructors have the right to lower grades for excessive absence

or failure to make up work missed. They may also be assigned a grade of WF (see below).

Students who find their attendance seriously interrupted by exceptional, unforeseen circumstances are encouraged to discuss their difficulties with their instructor or academic advisor.

Grades of WF are assigned by administrators and are computed in the grade-point average as if they were Fs. With the approval of the associate dean, at any time during the semester an instructor may have a student with excessive absences involuntarily dropped from a course with a WF grade. A written warning will be issued to the student before they are administratively dropped from the course. In cases where students are suspended or expelled during the semester, W or WF grades may be assigned at the discretion of the instructors and the student's dean. A grade of W or WF also may be assigned for disciplinary penalties resulting from an honor-code or conduct-code violation. A student who ceases to attend a course but has not withdrawn officially will receive a UW [unofficial withdrawal]. After the last day to drop without record and before the last day to drop a course, students who drop courses voluntarily will have W noted on their transcripts for each course dropped.

Code of Academic Conduct

The integrity of all undergraduate students is based on the absolute honesty of the entire community in all academic endeavors. As part of that community, students have certain responsibilities regarding all independent work that forms the basis for the evaluation of their academic achievement. Tulane students are expected to familiarize themselves with the principles of this code and to conduct themselves in a manner that complies with it at all times (see Newcomb-Tulane College Section for explanation of the Code of Academic Conduct).

Conduct

Responsible adult behavior is expected of students in the SoPA in both scholastic and non-scholastic affairs. Violations of the rules and regulations, including those on academic honesty, lead to disciplinary action by a dean of the SoPA, the vice president for student affairs, or other appropriate university authority. The SoPA reserves the right to be the judge of a student's fitness to continue attendance or to be recommended for graduation.

Discipline

Departures from acceptable conduct may lead to fines, disciplinary probation, suspension or expulsion. Disciplinary probation (which refers to conduct and not to academic standing) and suspension usually are imposed for a stated period. Suspension and expulsion involve exclusion from classes and from all University activities. Students suspended or expelled receive Ws or WFs in all courses at the discretion of the dean. Expulsion is the most serious academic penalty and is permanent. It is noted on the student's record and included on transcripts issued thereafter. Suspension is noted on the student's record and on transcripts issued while the penalty is in effect, but the notice is removed from the transcript at the end of the suspension. Transfer credits cannot be accepted for students who attend other colleges or universities while ineligible for any reason to continue in the SoPA.

Reporting to the Dean

All students must report to the Dean of the SoPA, to the vice president for student affairs, to their adviser, or to their instructors without delay when notified to do so.

Grievance Committee

The SoPA Grievance Committee is composed of three faculty and two student members and the associate or assistant dean as a nonvoting member. One of the committee's duties is to hear students' grievances and complaints against Tulane University and the SoPA or Tulane personnel, including the faculty. The Grievance Committee deals with issues such as the grading system, sexual harassment and unfair treatment. Students desiring a hearing before the committee must submit their requests in writing to the associate or assistant dean. Students who are dissatisfied with the committee's decision may appeal to the dean. For additional information about the committee and its procedures, the student should contact the SoPA office.

Right to Privacy

Privacy of students' records and affairs is protected under the Federal Family Educational Rights and Privacy Act of 1974 as amended (P.L. 93-380) and by policies issued by the Tulane University Board of Administrators: a university must allow a student the opportunity to review and inspect his or her educational records; a university must give a student the opportunity to challenge the content of his or her records under certain circumstances; a university must not grant access to or allow disclosure of a student's records to outside parties, unless such disclosure is specifically permitted under the law or is made with the student's written consent; a university must notify students of their rights under the law. For further details, contact the Office of Student Affairs at (504) 865-5180.

Academic Options

Cross Registration

Students may enroll in undergraduate courses not listed in the SoPA offerings. For courses listed under the School of Liberal Arts, students need only meet the prerequisites before enrolling. The Schools of Architecture, Business, Public Health and Tropical Medicine, or Science and Engineering courses require the relevant dean's approval.

Note: The tuition rate of some of these courses may be significantly higher than the SoPA course tuition rate.

Double Majors

Students may complete two majors by meeting the requirements established by the departments concerned. Although two diplomas are not awarded for a double major, both majors are listed on the permanent record from which transcripts are made. To undertake a double major, students must plan each major with the department concerned. Some minimal overlap may occur: in cases where one course is listed by two major departments as part of the major curriculum of each. In cases where one major is departmental and the other interdepartmental: for example, a double major in English and Medieval Studies might have a Chaucer course in common. In any case, each major of a double major must show at least eight courses that do not overlap, except

a double major in Cell and Molecular Biology where no more than five courses may overlap.

Dual Degrees

Students may earn dual degrees (a BS and a BA) by completing 150 instead of 120 and completing all the requirements of both a BS major and a BA major.

Independent Studies

Because the SoPA believes superior students should assume responsibility for some of the direction of their own education, many departments offer to a limited number of students of superior scholastic standing creative opportunities for independent study under the direction of a faculty member especially interested in individual instruction.

The work may take the form of directed readings, laboratory or library research, or original composition. Instead of traditional class attendance, the student substitutes conferences, as needed, with the director. Students who wish to take an independent studies course must have the approval of the associate dean for academic affairs.

Internships

An internship involves a relevant academic foundation in addition to an experiential learning process. The academic foundation may, for example, consist of a term paper, a number of short papers, discussions of several books, and the like. Students may identify their own internship opportunity or they may consult with those persons on campus who coordinate internship programs to arrange an internship experience.

Internships are available through various departments. Students participating in elective internships register for Internship Studies within the appropriate department after having made initial arrangements with a professor who will sponsor the internship. Registration is completed using an Internship Studies Registration form. Each student registered for an internship must submit an Internship Prospectus form to the appropriate departmental chair for approval within one week prior to the end of the add period. A copy of this form bearing the signatures of the student, sponsoring professor, internship supervisor and departmental chair also must be filed with the Office of the Dean within one week of the end of the add period. These forms are available in departmental offices and the Office of the Dean.

Each student completing an internship must write a synopsis of the internship, including both the academic and experimental components. This synopsis is to be approved by both the supervising professor and the appropriate departmental chair and filed with the Office of the Dean prior to the end of the final examination period.

Internships are open only to juniors and seniors in good standing. Only one internship may be completed per semester.

Requirements of the media arts and paralegal studies practica (internships) differ somewhat, since these practica are required. Students must register in Paralegal Studies 5900 or Media Arts 5050 during the regular registration period. Arrangements for these practica should be made with the media arts or paralegal studies program directors.

Second Degrees

Students already holding a baccalaureate degree may enroll in SoPA for a second baccalaureate degree. They must complete a total of 150 credits instead of 120 (60 credits must be taken at Tulane University), satisfy the SoPA' proficiency, supporting, distribution, and residency requirements for a second degree, and fulfill the requirements for the major.

Business Studies

Our increasingly sophisticated business community demands effective leaders, those who possess strong analytical skills, ability to deal with diverse audiences, and awareness of current trends in business practices. The SoPA Business Studies program provides valuable opportunities for individuals seeking business career advancement. There is a 27-credit limit on the number of business courses a student in the SoPA may take.

Note: SoPA Business Studies courses do not satisfy degree requirements for full-time Newcomb-Tulane students.

Minors Offered

For minors, students must have a 2.00 grade-point average in all required coursework and 50 percent of the coursework must be earned at Tulane.

Associate Degrees Offered in Applied Business

Associate Degrees in Business

The SoPA offers Associate of Arts degree in Applied Business Studies, Human Resource Management, Marketing and Small Business Development. These degrees are designed to recognize satisfactory completion of a two-year program of specialized business study.

Students must have a 2.00 grade-point average in all required coursework as well as a 2.00 cumulative GPA. At least half of the general requirements of 37 credits and at least 12 credits of the core requirement of 24 credits must be completed at Tulane.

Note: SoPA Business Studies courses may not be applied toward degree programs at the A.B. Freeman School of Business.

The Schools of Liberal Arts and Science and Engineering

SoPA students may select any major in the School of Liberal Arts or the School of Science and Engineering which offers a B.A. or B.S. or B.S.E. degree. The academic departments determine the requirements for these majors. Students electing this option must fulfill the core curriculum requirements for the major. Students should consult with their SoPA advisor if they wish to pursue a major offered by these schools.

Note: Majors completed in areas not sponsored by SoPA may require some day course enrollment at a higher tuition rate.

Special Programs

Concurrent Enrollment for High School Students

SoPA offers a concurrent enrollment program for outstanding high school students. The concurrent enrollment program offers qualified high-school students the opportunity to get an early start on their college education. Students take regular college coursework and earn credits and grades that become a part of their permanent college record. Concurrent enrollment students may apply for admission to Tulane upon graduation from high school, or they may transfer their Tulane credits to another institution, depending on the regulations in effect at that institution.

Concurrent enrollment students may enroll in either or both semesters of the regular academic year or the summer sessions. To qualify, students must have a minimum grade-point average of 3.2, and an SAT score of at least 1200, an ACT composite of at least 25, or a PSAT score of 64 (2 parts) or 94 (3 parts) or PLAN score of 24.

Students meeting these admission standards must also submit a Concurrent Enrollment application along with a \$25 application fee. In addition, the student's high school counselor must submit a letter of recommendation stating that the student has the necessary academic skills and personal development to succeed at Tulane University. SoPA will not admit any student to the Concurrent Enrollment program without all required material and records. Students are limited to two undergraduate courses per semester.

SoPA tuition rates apply to all courses.

The School of Liberal Arts

Mailing Address

School of Liberal Arts 102
Newcomb Hall
Tulane University New Orleans, LA 70118

<http://tulane.edu/liberal-arts/>

Telephone Numbers

Phone: (504) 865-5225
Fax: (504) 865-5224

Carole Haber
Ph.D., University of Pennsylvania
Dean

Requirements for Students in the School of Liberal Arts

A liberal arts education helps students develop and improve necessary skills of critical thought and analysis, while learning to express complex analytical arguments clearly, concisely, and coherently in written prose and oral presentations. The essence of a liberal arts education is that it combines both breadth and depth. Breadth assures that students have a basic exposure to the diverse subjects of the humanities, social sciences, and sciences, with their distinctive ways of defining issues, thinking about problems, assessing evidence and reaching conclusions. Breadth also ensures that students have some understanding of the fine arts and how such works might be understood. Depth requires students to gain a deeper understanding of a discipline and its modes of thought, with all the subtleties and complexities that this entails, while learning how difficult it is to attain anything approaching true mastery.

Students completing a BA or BFA degree in the School of Liberal Arts must complete a minimum of 120 credits, 66 of which are above the 1000-level with a cumulative grade point average of at least 2.000 and a major GPA of at least 2.000.

Students completing majors in Anthropology, Economics, or Linguistics may elect to complete a BS or BA degree. For information on the BS requirements, consult the relevant departmental section of this catalog.

The Faculty of the School of Liberal Arts believes that to achieve a breadth appropriate to the goals of the liberal arts education, students need to go beyond the requirements of the Tulane University Core Curriculum. Therefore, students in the School of Liberal Arts must enhance the general core with courses in the following areas:

Foreign Language Requirement

(Applies to students who matriculated prior to Fall 2018 only)

Liberal Arts faculty believes that, in an era of globalization when people of all nations are increasingly mixing with and doing business with each other, students should try to achieve a real proficiency in a foreign language. As a step toward that goal, students in the Liberal Arts are therefore required to achieve proficiency in a foreign language, modern or ancient, by passing a course at Tulane at the 2030 level or above. Language Courses at the 3000 level or above, taken in fulfillment of the foreign language requirement, may also count toward a major. Please see the Language Learning Center website for information regarding Foreign Language Placement requirements.

Writing Intensive Requirement

(For students who matriculated at Tulane BEFORE fall semester 2018)

Writing is the most important skill that a student masters in a liberal arts education. In order to assure that all of its students have achieved a high level of writing proficiency by the time they graduate, the School of Liberal Arts requires them to take one approved writing-intensive course beyond the writing proficiency requirement of the general core. Students may satisfy this requirement by taking a course that is designated “writing-intensive” in the course schedule. If a course is to satisfy the writing-intensive requirement, it must require

1. At least 5000 words (20 pages) of expository, analytical writing, whether distributed among a number of short assignments or fewer, longer papers. Creative and technical writing assignments do not qualify for inclusion. Only School of Liberal Arts courses may be used to fulfill this requirement. Creative writing theses may count as long as they include an analytic component of at least 20 pages.
2. Sole authorship by an individual student.
3. Regular, detailed evaluation by the instructor of the written work for organization, content, grammar and technical presentation.
4. Revision of at least one project totaling 2500 words, with re-evaluation by the instructor.

Students are encouraged, but not required, to satisfy the writing-intensive requirement with a course in their major. Students may satisfy this requirement with a capstone course in the major, as long as the writing requirements of the course achieve the defined minimum for a writing-intensive course, or with a senior honors thesis. The S/U option may not be used to satisfy the writing requirement.

(For students who matriculated at Tulane AFTER the fall semester 2018)

Writing is the most important skill that a student masters in a liberal arts education. In order to assure that all of its students have achieved a high level of writing proficiency by the time they graduate, the School of Liberal Arts requires them to complete the Tier II writing requirement of the general core curriculum via a writing-intensive course within the School. Students may satisfy this requirement by taking a course that is designated “writing-intensive” in the course schedule. If a course is to satisfy the writing-intensive requirement, it must require

1. At least 5000 words (20 pages) of expository, analytical writing, whether distributed among a number of short assignments or fewer, longer papers. Creative and technical writing assignments do not qualify for inclusion. Only School of Liberal Arts courses may be used to fulfill this requirement. Creative writing theses may count as long as they include an

- analytic component of at least 20 pages.
2. Sole authorship by an individual student.
 3. Regular, detailed evaluation by the instructor of the written work for organization, content, grammar and technical presentation.
 4. Revision of at least one project totaling 2500 words, with re-evaluation by the instructor.

Students are encouraged, but not required, to satisfy the writing-intensive requirement with a course in their major. Students may satisfy this requirement with a capstone course in the major, as long as the writing requirements of the course achieve the defined minimum for a writing-intensive course, or with a senior honors thesis. The S/U option may not be used to satisfy the writing requirement.

Distribution Requirements

(Applies only to students who matriculated to Tulane prior to Fall 2018)

In order to achieve the minimal breadth that the faculty deems appropriate to a liberal arts education, all students in the School of Liberal Arts must take the following courses in addition to those required by the general core:

Humanities and Fine Arts:

One additional course in either the Humanities or the Fine Arts, beyond the two required by the general core. Students must assure that at least one of the three courses is a Humanities course and at least one is a Fine Arts course.

Social Sciences:

One additional course in the Social Sciences for B.A. and B.S. majors, beyond the two required by the general core. Students must assure that the three courses they take to satisfy the general and school cores are in at least two different Social Science departments or program.

Science and Mathematics:

The faculty of the School of Liberal Arts believes that an adequate exposure to mathematics and science is central to the goal of breadth in a liberal arts education. Therefore, Liberal Arts students in B.A. and B.S. majors must take one additional course in science or mathematics, beyond the quantitative reasoning requirement, the lab science requirement, and the math-science core requirement.

Service Learning

Courses that offer a service learning experience are available through various departments. In service learning, the student completes a community service activity that is tied closely to the academic content of the course. Some courses will require a service activity of 20 to 40 hours; others will offer students the option of an extra course credit for completing 40 hours of community service and an extra paper or project. Students complete a reflection component, such as a weekly journal or regular discussions of their community service experiences. Community sites for service learning include city schools, nursing homes, medical facilities, and

other service and treatment centers. In the School of Liberal Arts, students may apply a maximum of two credits of service learning toward their degree. More information can be obtained from the Center for Public Service at <http://cps.tulane.edu/>.

Major Component

A major field of study gives each student the opportunity to explore a single area of inquiry in depth and to gain the self-confidence derived from mastery of a subject. Major programs are listed below and must be selected no later than the beginning of a student's fourth semester of college study. Students may elect to complete more than one major. They must complete all courses for each major and a total of at least 18 different courses in the two majors. At least half of the course work required for majors must be completed at Tulane University

Major Programs

- [Africana Studies](#)
- [Anthropology](#)
- [Art History](#)
- [Art Studio](#)
- [Asian Studies](#)
- [Communication](#)
- [Dance](#)
- [Economics](#)
- [Economics \(BS\)](#)
- [English](#)
- [Environmental Studies](#)
- [Film Studies](#)
- [French](#)
- [Gender and Sexuality Studies](#)
- [German Studies](#)
- [Greek](#)
- [History](#)
- [Italian](#)
- [Jazz Studies](#)
- [Jewish Studies](#)
- [Latin](#)
- [Latin American Studies](#)
- [Medieval and Early Modern Studies](#)
- [Music](#)
- [Musical Composition](#)
- [Musical Performance](#)
- [Musical Theatre](#)
- [Philosophy](#)
- [Philosophy/Language, Mind, and Knowledge](#)
- [Philosophy/Law, Morality, and Society](#)
- [Political Economy](#)
- [Political Science](#)
- [Political Science/American Politics](#)

- [Political Science/International Relations](#)
- [Russian Language and Literature](#)
- [Sociology](#)
- [Spanish](#)
- [Spanish and Portuguese](#)
- [Theatre](#)
- [Theatre/Design](#)
- [Theatre/Performance](#)

Coordinate Majors Programs

Some coordinate major programs also are available. These coordinate majors require a primary undergraduate major. Some coordinate majors restrict the choice of primary major. Students must complete all courses for each major and a total of at least 18 different courses in the two majors.

- [Cognitive Studies](#)
- [Digital Media Production](#)
- [International Development](#)
- [Musical Cultures of the Gulf South](#)
- [Portuguese](#)
- [Social Policy and Practice](#)

Self-Designed Majors

A student with a 3.000 cumulative grade-point average may construct a major program by grouping courses from different academic departments. Such self-designed majors must include at least 10 courses, more than half of which must be at the 3000-level or above; no more than two courses below the 3000-level may be taken in any one department. A self-designed major cannot be a student's primary major. A student wishing approval of a self-designed major must prepare a proposal including the title of the major, proposed list of courses, rationale, and appropriate departmental approval. This proposal must be submitted for review to the school's Committee on Undergraduate Academic Requirements before the end of the student's sixth semester. As these proposals often require revision and resubmission, they should be submitted earlier than this deadline. Detailed instructions for preparing the proposal can be found at tulane.edu/liberal-arts/upload/Self-Designed-Majors.pdf.

Minor Component

The liberal arts and sciences colleges allow students to complete one or two minors. The minor is optional and designed to give structure to the study of a secondary field of interest chosen by the student. Students must complete at least 27 credits in the major that do not overlap with the minor. Students who elect to complete the requirements for a minor must earn a grade point average of at least 2.000 in courses counting toward that minor. No courses counting toward the student's first minor will count toward the student's second minor. Individual departments may have additional restrictions on major-minor overlap. Students should consult the department

listings for additional information.

Minor Programs

- [Africana Studies](#)
- [Art History](#)
- [Art Studio](#)
- [Asian Studies](#)
- [Classical Studies](#)
- [Dance](#)
- [Economics](#)
- [English](#)
- [Film Studies](#)
- [French](#)
- [Gender and Sexuality Studies](#)
- [German Studies](#)
- [Greek](#)
- [History](#)
- [International Development](#)
- [Italian](#)
- [Jewish Studies](#)
- [Latin](#)
- [Latin American Studies](#)
- [Management](#)
- [Medieval and Early Modern Studies](#)
- [Music](#)
- [Philosophy](#)
- [Political Science](#)
- [Portuguese](#)
- [Public Policy](#)
- [Sociology](#)
- [Spanish](#)
- [Theatre](#)

Internships

Some departments offer internships for academic credit as part of the major. An internship combines a relevant academic component with experiential learning. The academic component may, for example, consist of a term paper, a number of short papers, or discussions of a number of books. Internships ordinarily are open only to those students completing a major in the department that will award the credit. Students participating in internships register for Internship Studies (course numbers 4560, 4570) within the appropriate department after having made initial arrangements with a professor who will sponsor the internship. Registration is completed in the academic department sponsoring the internship. A student may not take a salaried position outside the university while earning credit for an internship, except where such an arrangement is required by the cooperating organization for insurance purposes. If a student must take a salaried position for this reason, a letter to this effect from the cooperating organization must be filed with the chair of the sponsoring department prior to the end of the add period.

Only one internship may be completed each semester. Students may earn a maximum of six credits toward the degree from internships. The sponsoring professor will assign a grade for the internship at the close of the semester after evaluating its academic and experiential aspects. Internships offered through departments in the School of Liberal Arts are open only to juniors and seniors in good standing.

An alternative internship experience is offered to students through the office of the Dean of Newcomb-Tulane College. This internship was created to accommodate students seeking internships with organizations requiring that interns earn credit for their experience. INTR 1990 carries one credit, which will apply toward the degree but will not apply toward any proficiency, distribution, major, or minor requirement. Only one credit of INTR 1990 may be applied toward the degree. INTR 1990 must be taken on a satisfactory/unsatisfactory (S/U) basis and will count as one of the ten allowable (S/U) credits. Students who have completed fewer than 30 credits may not register for this course. Students desiring to register for INTR 1990 must receive approval from the associate dean of Newcomb-Tulane College.

The School of Liberal Arts Academic Awards

The Ann Royal Arthur Memorial Award in German was established in 1987 in memory of Professor Ann Arthur of the Department of Germanic and Slavic Languages. It is awarded to a student who has demonstrated a commitment to the study of German.

The Sidney Beyer Prize for Excellence in American History was established in 1976 by Joel Beyer in memory of his father and is awarded to a superior student of American History.

The Purvis E. Boyette Memorial Freshman Essay Award was established in 1988 in memory of Professor Purvis E. Boyette of the Department of English.

The Brazilian-American Cultural Institute Award for Excellence in Portuguese is given by the Portuguese government, on recommendation of the faculty, to a student who has excelled in the study of Portuguese.

The Victoria R. Bricker Award for Excellence in Linguistics

The Almir Bruneti Award for Excellence in Luso-Brazilian Studies

The Glendy Burke Medal was established in 1848 by Glendy Burke. This awarded for excellence in the field of speech.

The Louis Bush Medal

The Classical Studies Prize awarded for excellence in Latin, Greek, or the study of ancient history, culture or archaeology.

The Premio Clavileno is awarded for excellence in Spanish.

The Alice Raymond Scudder Coates Scholarship in Art is awarded to either a student in any area of concentration in art.

The Rusty Collier Memorial Award in Studio Art is awarded to an art major.

The Charles Till Davis Prize for Excellence in European History.

The Charles E. Dunbar, Jr. Fellowships in Political Science are awarded each year to two political science majors who have demonstrated academic excellence and an interest in public affairs.

The France-Amerique Award is given for exceptional achievement in the study of the French language.

The French Government Prize is given by the French government, on recommendation of the faculty, to a student who has excelled in the study of French.

The Juanita Gonzalez Prize in Ceramics is awarded to the outstanding undergraduate ceramist in the Department of Art.

The Bodo Gotzkowsky Award for Research and Travel in Germany.

The Shirley Weil Greengus Memorial Award for Achievement in Political Science is awarded to the senior majoring in political science who has the highest scholastic average in the major.

The Henry Award recognizes outstanding achievement in the study of French.

The Jose Hernandez Award in Spanish-American Literature, established in 1985, is awarded to a graduating senior for excellence in Hispanic studies. The student must have excelled in at least one advanced course in Spanish-American literature.

The Anne Butler Hess Award, established in 1964 by Mrs. Robert D. Hess in memory of her daughter, is awarded to the graduating senior who has shown the greatest proficiency in philosophy.

The Italian Government Prize is given by the Italian government, on recommendation of the faculty, to a student who has excelled in the study of Italian.

The Japan-Tulane Friendship Award was established in 1987 by Jack Aron and Japan Air Lines for the best dissertation, thesis, or research paper on Japanese affairs.

The Arden King Award for Excellence in Anthropology.

The Elizabeth H. and Frederick "Fritz" Krauss Award is awarded to the outstanding undergraduate student majoring in Jewish Studies

The T. Krumpelmann Award for Achievement in German.

The Jonathon Lorino Memorial Award

The Ephraim Lisitzky Memorial Award, established in 1989, is granted to a student of exceptional achievement in the study of Hebrew language and Jewish history, culture, and religion.

The Dan W. Mullin Memorial Award, established in 1970 by Mr. Albert Salzer, is awarded for excellence in technical theater production.

The Charles H. Murphy Prize in Political Economy was established by the Murphy Institute to recognize an outstanding student majoring in political economy.

The Ashton Phelps Award in Communication Studies is given on recommendation of the faculty for excellence in communication studies.

The Pi Sigma Alpha Award, established in 1963 by the Tulane chapter of Pi Sigma Alpha, is awarded annually to the senior who has done most to stimulate scholarship and intelligent interest in the subject of government.

The Russian Book Prize is presented by the Department of Germanic and Slavic Languages for excellence in Russian.

The Henry Stern Prize in Art History is awarded to the student who produces the best paper in the field of art history.

The Elizabeth Watts Award for Excellence in Physical Anthropology.

The Robert Wauchope Award for Excellence in Anthropology.

School of Public Health and Tropical Medicine

MAILING ADDRESS

1440 Canal Street
Suite 2460
Tulane University
New Orleans, Louisiana 70118
www.sph.tulane.edu/bsph

Pierre Buekens, M.D., Ph.D., Dean

LuAnn E. White, Ph.D., Senior Associate Dean

Joseph Keating, Ph.D., Associate Dean

Thomas J. Stranova, ScD., Associate Dean

Downtown Office

Phone: (504) 988-3409
Fax: (504) 988-0907

Uptown Office

Phone: (504) 865-5140
Fax: (504) 862-8455

MISSION STATEMENT

The mission of the Tulane University School of Public Health and Tropical Medicine is to advance public health knowledge, promote health and well being, and prevent disease, disability and premature mortality. This is accomplished through academic excellence in education of public health professionals, rigorous scientific research of public health problems, creative partnerships to advance the practice of public health, and innovative service to the local, national and international public health community.

INTRODUCTION

The Bachelor of Science in Public Health (BSPH) integrates the disciplines of public health with studies in the liberal arts and sciences. The program is flexible to provide the student with a breadth of engagement in the liberal arts disciplines and depth in the selected public health discipline. Upon completion of the undergraduate degree, the school offers exceptional students the opportunity to apply for a graduate degree program, the Master of Public Health (MPH). Students complete both degrees in a "4+1" format, e.g., four years for the undergraduate degree

and an additional year for the MPH coursework (completing a practicum and culminating experience may take the student longer than an additional year). The BSPH program is set apart from graduate studies in public health because it is specifically designed to provide a strong foundation in both the public health sciences and the liberal arts.

Students not only will have opportunities to delve into timely public health issues like global health care disparities, HIV/AIDS, and bioterrorism preparedness, they also will have the benefit of studying with senior public health scholars in understanding the roots of public health through its literature and history. Students will develop both scientific and humanistic skills, combining research experience with the ability to make difficult social choices and devise solutions to individual and population-wide health problems. Because undergraduate education has increasingly become more interdisciplinary, public health education is also a great foundation for graduate study in fields such as business, human services, international affairs, law and further public health specialties. In addition, with a curriculum that draws from the bench sciences, humanities, and social sciences, public health has come to be viewed as an appropriate degree for students considering medical school.

HISTORY

The study of public health in Louisiana began in the early 1800s when New Orleans suffered from endemic malaria and almost yearly epidemics of cholera and yellow fever. Attempts to control tropical diseases led to the establishment of the Medical College of Louisiana in 1834. The founders, a group of young physicians, issued a prospectus, which emphasized the lack of knowledge of these diseases and the necessity for studying them in the environment in which they occurred. In 1881, formal instruction in hygiene was offered for the first time. After the Civil War when Paul Tulane bequeathed funds to establish a new university the name of the medical college was changed to Tulane University of Louisiana, College of Medicine. A school of hygiene and tropical medicine was first established in 1912 with a \$25,000 gift from Samuel Zemurray's United Fruit Company. In 1947, the departments of tropical medicine and preventive medicine merged to establish a department of tropical medicine and public health in the medical school. Instruction at the graduate level expanded to a full academic year with programs leading to the degrees of master of public health and master of public health and tropical medicine. A doctoral program was approved in 1950, and the first doctoral degrees in public health were awarded in 1953.

With the rapid expansion in public health and tropical medicine, and the participation of other departments of the medical school in educational activities, an administrative division of graduate public health was created in 1958. In 1961, this administrative division was redesignated as the Division of Hygiene and Tropical Medicine. Programs leading to the degrees of Master of Science and doctor of science in hygiene were instituted, providing a wide range of preparation for public health careers. In 1967, the Division of Hygiene and Tropical Medicine became the School of Public Health and Tropical Medicine. The school is now organized into seven departments: biostatistics, community health sciences, environmental health sciences, epidemiology, health systems management, international health and development, and tropical medicine.

In December 2003, the University Senate approved the establishment of the Bachelor of Science in Public Health (BSPH) degree program in the School of Public Health and Tropical Medicine with the inaugural class beginning in fall 2005.

CROSS REGISTRATION

School of Professional Advancement courses not cross-listed with either the School of Liberal Arts or the School of Science and Engineering do not satisfy BSPH degree requirements. Courses taken at other area universities and colleges will be treated as transfer work.

ACADEMIC ADVISING

Students working toward the Bachelor of Science in Public Health (BSPH) degree are assigned an academic adviser during the summer prior to matriculation. The academic adviser offers students information and advice on matters such as selecting appropriate courses, maintaining satisfactory progress, and choosing a major. Contact with the adviser is voluntary and at the initiation of the student. However, students are strongly encouraged to meet with their advisers at least once a semester, for degree progress audits, short and long-term academic program planning, and information on course prerequisites. Students have the responsibility for making their own decisions, monitoring their progress toward the baccalaureate degree, and meeting all degree requirements.

Often, students may need to discuss challenges beyond the classroom. From the beginning of their college experience, they are encouraged to bring these concerns to their adviser, any faculty member or the program manager for guidance and direction. Such matters are also addressed by other professional services available on campus, such as the Office of Student Affairs and the Educational Resource and Counseling Center.

Students should consult their academic adviser, faculty adviser or BSPH program manager for assistance with course selections. Students are recommended to consult with their academic advisors each semester to ensure that all requirements for graduation are being met. While every effort is made to assure accurate advising, it is ultimately the responsibility of the student to be aware of and satisfy all requirements for the degree.

CAREER ADVISING

In addition to the Tulane office of Career center, BSPH students also have access to the School of Public Health and Tropical Medicine's career services office. Staff at this office have specialized experience in helping graduates to pursue jobs in the field of public health and extensive contacts with alumni networks. Faculty are also a valuable resource for students as they often have working experience of particular career paths. The School of Public Health and Tropical Medicine alumni network is a valuable resource in career advising and facilitation. Our alumni work in public health and a variety of related fields throughout the United States and internationally. These successful professionals often prefer to hire Tulane graduates and are effective contacts for students seeking employment.

School of Public Health and Tropical Medicine Career Service Offices:

Downtown Office

Suite 2460, Tidewater Building
Phone: (504) 988-3902

Uptown Office

107 Caroline Richardson

Phone: (504) 865-5129

[BSPH/MPH Joint Degree](#)

School of Science and Engineering

School of Science and Engineering

201 Lindy Boggs
Tulane University
New Orleans, LA 70118
Phone: (504)865-5764
Fax: (504)862-8747

Website: tulane.edu/sse

Nicholas J. Altiero
Ph.D., University of Michigan at Ann Arbor
Dean

Gary L. McPherson
Ph.D., University of Illinois
Senior Associate Dean for Research and Facilities

Janet B. Ruscher
Ph.D., University of Massachusetts, Amherst
Associate Dean for Graduate Programs

Beth E. F. Wee
Ph.D., Michigan State University
Associate Dean for Undergraduate Programs

MISSION STATEMENT

The mission of the Tulane University School of Science and Engineering is to provide outstanding opportunities for learning and discovery in science and engineering and to foster an environment that is student focused, research intensive, trans-disciplinary, entrepreneurial, and responsive to the needs of society and the community.

INTRODUCTION

The School of Science and Engineering consists of ten departments and two programs.

- Biochemistry Program
- Department of Biomedical Engineering
- Department of Cell and Molecular Biology
- Department of Chemical and Biomolecular Engineering
- Department of Chemistry
- Department of Computer Science
- Department of Earth and Environmental Sciences

- Department of Ecology and Evolutionary Biology
- Department of Mathematics
- Neuroscience Program
- Department of Physics and Engineering Physics
- Department of Psychology

PROGRAMS OF STUDY

The School of Science and Engineering offers three degrees at the undergraduate level, the Bachelor of Science in Engineering (B.S.E.), the Bachelor of Science (B.S.) and the Bachelor of Arts (B.A.); and two graduate degrees, the Master of Science (M.S.) and the Doctor of Philosophy (Ph.D.). Students seeking a degree from the School of Science and Engineering must have a primary major offered by the school. Students may major or minor in a second program in addition to the primary major; however, special programs such as teacher certification and ROTC are not major or minor programs and are undertaken in addition to a major program. To qualify for graduation, a student must satisfy the requirements of the core curriculum, of the school specific core and of the major program and meet the residency and quality of work requirements of the Newcomb-Tulane College.

DEGREES

The School of Science and Engineering offers the Bachelor of Science in Engineering (B.S.E.) degree in the following programs: Biomedical Engineering, Chemical Engineering, and Engineering Physics. The School of Science and Engineering offers the Bachelor of Science (B.S.) degree in the following programs: Biological Chemistry, Cell and Molecular Biology, Chemistry, Ecology and Evolutionary Biology, Environmental Biology, Environmental Science, Geology, Mathematics, Neuroscience, Physics, and Psychology. The School offers the Bachelor of Science degree (B.S.) in Computer Science as a Coordinate Major with any other stand-alone major offered by Newcomb-Tulane College. The School offers the Bachelor of Arts degree (B.A.) in Psychology and Early Childhood Development. The School offers the Master of Science (M.S.) degree in the following programs: Biomedical Engineering, Cell and Molecular Biology, Chemical and Biomolecular Engineering, Chemistry, Computational Science, Earth and Environmental Sciences, Ecology and Evolutionary Biology, Environmental Biology, Mathematics, Neuroscience, Physics, and Psychology. The School offers the Doctor of Philosophy (Ph.D.) degree in the following programs: Biology, Cell and Molecular track Biology, Ecology and Evolutionary track, Biomedical Engineering, Chemical and Biomolecular Engineering, Chemistry, Earth and Environmental Sciences, Interdisciplinary Mathematics, Neuroscience, Physics, and Psychology.

UNDERGRADUATE DEGREE PROGRAMS

School Specific Core Curriculum

Students seeking the B.A. should complete all the degree requirements as described in the School of Liberal Arts section. Students seeking a B.S. should satisfy all core requirements as outlined in the Newcomb-Tulane College section and meet the school-specific and major requirements in this section. Students seeking a B.S.E. should satisfy all core requirements

except that of Foreign Language as outlined in the Newcomb-Tulane College section and meet the school-specific and major requirements in this section.

Mathematics and Science

Candidates for the B.S. and B.S.E. degrees in the School of Science and Engineering must take a minimum of 32 credits of science and mathematics selected from at least two different disciplines: cell and molecular biology, chemistry, ecology and evolutionary biology, earth and environmental sciences, mathematics, neuroscience, physics and psychology. At least one of these courses must include a laboratory.

A minimum of six credits of mathematics is required. Any two Mathematics courses numbered 1210 and above may be used to satisfy this requirement. However the combination of MATH 1150 and MATH 1160 may count as one course toward this requirement. Students may satisfy all, or part, of the requirement with the appropriate AP scores (s). A score of 4 or 5 on the Advanced Placement AB exam earns credit for MATH 1210. A score of 3 on the BC exam together with a score of 4 or 5 on the AB subsection of the BC exam earns credit for MATH 1210. A score of 4 or 5 on the BC exam earns credit for MATH 1210 and 1220. Departments may recommend, or require, particular mathematics or science courses for their majors, and students are advised to consult the major department's listing in this catalog.

Candidates for the B.A. degree (Psychology and Early Childhood Education) follow the School of Liberal Arts Core.

Writing Intensive Requirement

Students may satisfy this requirement by taking one course designated as "writing-intensive" in the course schedule. Alternatively, with the approval of the instructor and the Associate Dean for Undergraduate Programs of the School of Science and Engineering, a student may take a course that does not carry the "writing intensive" designation but that fits the criteria of the requirement. The student should submit a petition to the Associate Dean and, upon approval, will be added to a writing intensive course, SCEN 3880. Completion of the first-year writing competency requirement is a prerequisite to enrollment in a writing intensive course.

Additional Requirements for Engineering Majors

Students majoring in biomedical engineering, chemical engineering, and engineering physics must take an additional six credits (for a total of 18 credits) of humanities, fine arts and social sciences. A student enrolled in the School of Science and Engineering must select a major offered by the school no later than the beginning of a student's fourth semester of college study.

UNDERGRADUATE SPECIAL PROGRAMS

Second Majors and Minors

Students in the School of Science and Engineering may elect to complete a second major. They must complete all courses for each major and a total of at least 18 different courses in the two majors. At least half of the coursework required for majors must be completed at Tulane University, and students must have a grade point average of at least 2.000 in all coursework

applied to the major. Students who satisfy the requirements for two majors in the School of Science and Engineering will receive one bachelor's degree, and their transcript will reflect that a double major has been completed. Second majors from an outside division are subject to the conditions set by requirements for that major as designated by the home division or department. Science and engineering students also may pursue one or two minors. The minor is intended to give structure to the study of a secondary field of interest chosen by the student. Students must complete at least 24 credits in their major that do not overlap with the minor. Students who elect to complete the requirements for a minor must earn a grade-point average of at least 2.000 in courses counting toward that minor. No courses counting toward the student's first minor will count toward the student's second minor. Individual departments may have additional restrictions on major-minor overlap. Students should consult the department listings for additional information.

Internships for Academic Credit

Some departments offer internships for academic credit as part of the major. An internship combines a relevant academic component with experiential learning. The academic component may, for example, consist of a term paper, a number of short papers, or discussions of a number of books. Internships ordinarily are open only to those students completing a major in the department that will award the credit. Students participating in internships register for Internship Studies (course numbers 4560, 4570) within the appropriate department after having made initial arrangements with a professor who will sponsor the internship.

Registration is completed in the academic department sponsoring the internship. A student may not take a salaried position outside the university while earning credit for an internship, except where such an arrangement is required by the cooperating organization for insurance purposes. If a student must take a salaried position for this reason, a letter to this effect from the cooperating organization must be filed with the chair of the sponsoring department prior to the end of the add period. Only one internship may be completed each semester. Students may earn a maximum of six credits for internships. The sponsoring professor will assign a grade for the internship at the close of the semester after evaluating its academic and experiential aspects. Internships offered through Science and Engineering departments are open only to juniors and seniors in good standing.

An alternative internship experience is offered to students through Newcomb-Tulane College. This internship was created to accommodate students seeking internships with organizations which require that interns earn credit for their experience. INTR 1990 carries one credit, which will apply toward the degree but will not apply toward any core curriculum, major, or minor requirement. Only one credit of INTR 1990 may be applied toward the degree. INTR 1990 must be taken on a satisfactory/unsatisfactory (S/U) basis. Students who have completed fewer than 30 credits may not register for this course. Students desiring to register for INTR 1990 must receive approval from the Associate Dean of the Newcomb-Tulane College before registering for the course.

GRADUATE DEGREE PROGRAMS

Students at Tulane University may pursue a Master of Science (M.S.) or Doctor of Philosophy (Ph.D.) program in the School of Science and Engineering of Tulane University. The M.S. degree

is awarded with a minimum of 24 credit hours plus a thesis. With approval, a student in some disciplines may also elect to pursue a non-thesis M.S. that requires a minimum of 30 credit hours. The Ph.D. degree is awarded with a minimum of 48 credit hours plus a dissertation. The 4+1 Master's program allows students in the School of Science and Engineering to complete the requirements for both the bachelor's and master's degree in five years. Some summer research work may be required for the timely completion of the program.

All doctoral students must demonstrate competence in teaching as part of the requirements for a graduate degree. This requirement must be fulfilled regardless of whether or not the student receives financial support from the university. The form of teaching experience can vary with the individual, and may consist of teaching, recitation sections, teaching laboratory courses, grading papers, presentation of seminars, etc.

If candidates for an advanced degree at other universities wish to receive graduate credit for courses to be taken at Tulane, they should secure approval from authorities in the home institution. The student should then apply for admission as a special graduate student (non-degree) in the School of Science and Engineering. An individual who does not desire to pursue a degree at the present time also may apply for admission as a special student, but if the student decides at a later date to work toward a graduate degree in the School of Science and Engineering, no more than 15 credits taken on a non-degree or provisional basis may be applied toward the degree.

Admissions

Applicants holding the equivalent of a bachelor's degree in mathematics, science or engineering or a related field from recognized institutions may be admitted to the graduate program of the School of Science and Engineering if their academic records and personal attributes indicated ability to pursue advanced study successfully. Students must present to the appropriate department satisfactory evidence of adequate preparation for the subjects in which they seek to specialize. Ordinarily, only students whose undergraduate average is B or above are admitted. Students required to make up undergraduate course deficiencies before being admitted to the graduate program of the School of Science and Engineering may be asked to enroll in an undergraduate program as special students. Graduate credit is not awarded for courses taken to make up deficiencies. A master's degree is not a prerequisite for study for the doctorate, but a student may be required to qualify for the master's degree while working toward the doctorate.

Financial Aid and Scholarships

The School of Science and Engineering awards financial support for graduate students primarily on the basis of academic merit. For full-time students, financial assistance is available in the form of teaching assistantships, research assistantships, fellowships as well as partial and full tuition scholarships.

GRADUATE ACADEMIC REGULATIONS

Registration Requirement

To maintain full time status all graduate students must enroll for a minimum of 9 credit hours in

the Fall Semester and a minimum of 9 credit hours in the Spring Semester (or equivalent). Ph.D. and M.S. with thesis students must enroll for a minimum of 3 credit hours of "Masters Research" or 3 credits of "Dissertation Research" during the Summer Semester. Ph.D. and M.S. with thesis students who have completed all of their required course work must maintain continuous enrollment and enroll for 3 credit hours of "Master's Research" or 3 credit hours of "Dissertation Research," whichever is applicable, each semester until all degree requirements are complete.

Course Credits

Graduate work is measured in terms of credits. A credit represents a measurement of academic progress in terms of work undertaken and satisfactorily completed and is not specifically related to an hour concept for class lecture or recitation. For purposes of evaluating graduate transfer credit, in most cases a credit is equal to a semester hour.

Grades and Grade Points

The same grading system is used throughout Tulane University. A course in which a grade of C+ or less is earned cannot be counted toward a graduate degree in the School of Science and Engineering.

Conferring of Degrees

A student who has completed all of the requirements for a degree will have that degree conferred at the annual spring commencement, in May. Degrees are also conferred at the close of the fall semester in December and at the close of Summer School, in mid-August.

Transfer Credit

In general, up to 12 transfer credits may be accepted toward a master's degree, and up to 24 transfer credits may be accepted toward the doctorate. Only grades of B or better will be considered for transfer credit. The courses must be graduate courses, which were taken while the student was classified as a graduate student and after all requirements for the bachelor's degree have been met. The appropriate department and the Associate Dean for Graduate Programs must approve credit for graduate work done at other institutions. The decision concerning the acceptance of all transfer credit to the record of a graduate student will not be made until after the student has completed at least one semester of successful study in the School of Science and Engineering.

Students ordinarily must complete the requirements for the doctorate within seven years from the original date of registration. Only in unusual cases, and with the approval of the department chair and Associate Dean for Graduate Programs will credit be approved for courses taken more than six years before the date of the general or preliminary examination.

Credit for 6000-level courses taken by a senior undergraduate beyond the credits needed for an undergraduate degree at Tulane University and passed with a grade of B or better may be transferred to a graduate degree program in the School of Science and Engineering on the recommendation of the Department Chair and with the approval of the Associate Dean for Graduate Programs. Normally, no more than 12 credits should be earned before admission to a

graduate program. These credits may not be counted toward requirements for the bachelor's degree.

Transfer Between Programs

To transfer from one graduate program to another offered by the School of Science and Engineering, a student must submit an application for admission to the new program. Transferring students must fulfill any obligations they have incurred in the first program prior to receiving their degrees from the second programs. The Department Chair and Associate Dean for Graduate Programs will determine whether credit from the initial program can be applied toward a degree in the new program.

Required Withdrawal, Probation and Dismissal

A student may be required to withdraw from any course or from the university, temporarily or permanently, for any of the following reasons:

- Work below the standard specified by the School of Science and Engineering
- Violation of the Code of Academic Conduct or other misconduct
- Possibility of danger to the health of the student or to other students if enrollment is continued.

A minimum grade point average of 3.00 (B) must be maintained by all students to remain in good standing in any graduate degree program. Students whose grade point average falls below 3.00 will be considered for a probationary semester in consultation with the chair of the appropriate department. Students who receive a grade below B- or two grades of B- will also be considered for probation in consultation with the chair of the appropriate department. The terms of the probation are determined by the department chair, in consultation with the Dean or designate. Students who fail to meet the terms of their probation in two consecutive semesters will be required to withdraw from the program. Students are subject to dismissal in consultation with the appropriate department if they receive two grades below B- in a given semester. Two grades of B- are considered equivalent to one grade below B-. If a student becomes subject to dismissal during the semester in which other graduation requirements are met, the student will be excluded and will not receive the degree. Courses with grades below B- may not be used to meet degree requirements. It is the department's responsibility to report to the Dean any student not making reasonable progress toward the degree. The School of Science and Engineering and the University reserve the right to deny admission to any applicant or to forbid any student's continued enrollment without assignment of reason; to change any of its rules, courses, regulations, and charges without notice, and to make such changes applicable to students already registered as well as to new students.

AWARDS

Alpha Eta Mu Beta Award

This award, given by the biomedical engineering honor society, is presented to a junior for outstanding performance as a student in the biomedical engineering curriculum.

AICHE Awards

Several awards are offered. Two are scholastic awards, one offered by the New Orleans Section

to the senior in chemical -engineering with the highest scholastic average, and one by the National Society to the junior in chemical engineering who made the highest average in the freshman and sophomore years. The annual chapter award is for outstanding participation in chapter activities, particularly participation in the student paper presentation. The student chapter award is for outstanding services to the profession. American Chemical Society Prizes were established in 1930 by the Louisiana section of the American Chemical Society and are awarded for excellence in chemistry.

William L. Alworth Prize in Biological Chemistry

This award honors Professor Emeritus William L. Alworth who retired in June of 2004 and will be awarded annually to the outstanding graduating senior majoring in Biological Chemistry. It is based on academic and research performance.

The American Chemical Society Award

For excellence in chemistry, a senior will be honored at a dinner given by the local chapter of the American Chemical Society, and also receive a check from the department. American Institute of Chemists Award Established to honor seniors in chemistry, chemical engineering, or biochemistry. Given in recognition of potential advancement of the chemical professions on the basis of a student's demonstrated record of leadership, ability, character, and scholastic achievement.

Stuart S. Bamforth Prize

Awarded for excellence in environmental studies to the graduating senior in earth and environmental sciences or ecology and evolutionary biology.

Biomedical Engineering Graduate Student Outstanding Achievement Award

For outstanding accomplishments as a graduate student in the Department of Biomedical Engineering, Tulane University.

Biomedical Engineering Society Scholarship Award

This award is presented to the outstanding senior in biomedical engineering with the highest scholastic grade point average.

Chevron Undergraduate Award

Awarded to two students who have completed the second semester of the junior year and have the highest scholastic average.

Glendy Burke Medals were established in 1848 (oratory) and 1879 (mathematics) by Glendy Burke. They are awarded for excellence in the fields of speech and mathematics.

Fred R. Cagle Memorial Prize was established in 1981 in memory of Professor Cagle, a former chair of the Department of Zoology. The prize is awarded for outstanding achievement in ecology and evolutionary biology, taking into consideration the student's academic record, difficulty of academic program completed, and the likelihood of a substantial contribution to scholarship in integrative biology.

The Cell and Molecular Biology Prize

Special recognition for interest, enthusiasm and proficiency in Biology.

Chairman's Award

Given to a graduating senior who is outstanding in geology or earth science.

The Department of Chemistry Award for Excellence in Undergraduate Research

This award is given to Juniors/Seniors who demonstrate leadership ability, character and scholastic achievement.

Nissim Nathan Cohen Memorial Award

This award is presented to a graduating senior in Biomedical Engineering who has contributed most to his or her class, school, and the profession of Biomedical Engineering, as voted on by the senior class.

Elsie Field DuprÃ© Memorial Prize in Physics

This award honors a female physics student for her interest, enthusiasm, and proficiency in physics.

Liz Earley Prize in Cell and Molecular Biology

Awarded for excellence and proficiency in laboratory science.

Professor Erik G. Ellgaard Award for Excellence in Cell and Molecular Biology

For the best graduating senior in Cell and Molecular Biology.

Arnold Gerall Award in Neuroscience

The award recognizes exceptional performance in academic and research activities in the area of Neuroscience by a Psychology major or a Neuroscience major advised by a member of the Psychology faculty.

Kappa Kappa Gamma Prize in Mathematics

Awarded to an outstanding undergraduate female math student.

Gerald E. Gunning Memorial Award

Awarded annually to an exceptional undergraduate major in ecology and evolutionary biology.

Gerald S. Gussack Award

Awarded to the most outstanding male graduating senior in Cell and Molecular Biology. The recipient is chosen based on excellence in grade point average, creativity in honors thesis research, and a demonstration of well-balanced academic achievement. The award is named in honor of the late Gerald Gussack, a Professor of Otolaryngology at Emory University School of Medicine, who was a 1975 graduate of Tulane College.

Rosa Cahn Hartman Medal

The award recognizes exceptional performance in academic and research activities in Psychology by a Newcomb-Tulane College senior.

Aaron Hartman Award

The award recognizes exceptional performance in academic and research activities in Psychology by a Newcomb-Tulane College senior.

Honors Thesis Award in Cell and Molecular Biology

For the student with the most outstanding thesis in Cell and Molecular Biology.

Kenneth H. Kuhn, Sr. Memorial Award Senior

Team Design Project 1st Place Winners The students are selected by a panel of judges as the 1st place winners of the Senior Team Design Project for their ability to integrate the scholarship

of discovery, learning, and service, by applying biomedical engineering to improve the quality of life for people with disabilities in the New Orleans Metro Area.

The Joseph J. Kyame Physics Award

This award was established in 1990 by the physics faculty, and is given to a senior for excellence in physics.

Terry Lawson Prize in Mathematics

Awarded to a graduating senior for excellence in undergraduate mathematical research.

Anne M. McPherson Award in Psychology

The award recognizes junior or senior students who have demonstrated a capacity for cutting-edge research in the field of Psychology. Awardees should possess a strong overall grade point average and conduct research with a faculty member of the Department.

Merck Index Awards

This award is presented each year to an outstanding student in Chemistry.

The Barbara E. Moely Award for Application of Psychology

The award recognizes exceptional public service to the community.

National Society of Black Engineers

There are two awards. One is awarded to the Outstanding Executive Board member and the other is to the graduating senior with the highest grade point average.

The Neuroscience Faculty Award

The award recognizes exceptional performance in academic and research activities in Neuroscience by a Newcomb-Tulane College senior.

New Orleans Geological Society Memorial Foundation Scholarships

Awarded annually to the outstanding freshman, sophomore, junior, and senior geology or earth science majors, upon recommendation of the faculty of the Department of Earth and Environmental Sciences.

Omega Chi Epsilon Award

This award, presented by the chemical engineering honor society, is given to the member of the student chapter who best exemplifies the ideals of Omega Chi Epsilon.

Randall K. Nichols Award

Awarded to a chemical engineering junior who has special talents worthy of recognition and encouragement.

Ann Hero Northrup Prize in Chemistry (Junior or Senior)

The prize, established by the late Clare M. de Milt, consists of a valuable book or collection presented on behalf of the winner to the Howard-Tilton Library.

Phi Beta Phi Award

Given occasionally to a junior or senior for best research paper in the sciences; the recipient is chosen among the departments of cell and molecular biology, chemistry, ecology and evolutionary biology, and physics.

James Marshall Robert Leadership Award

Established in 1957 by the Society of Tulane Engineers and named in honor of Dean Emeritus Robert. Additional gifts from alumni and friends after Dean Robert's death in 1964 have made possible the award of a medal and cash to a senior in engineering in recognition of scholarship, collegiate activities, and leadership.

ROTC Awards

Encompass many prizes and honors, including the President's Cup, for ROTC work.

Leon H. Scherck Memorial Award

The oldest award presented by the School of Engineering was established in 1922 by the late Mrs. Albert H. Scherck of New Orleans in memory of her brother, Leon H. Scherck, class of 1894, for excellence in engineering. Awarded to a member of the senior class in an engineering program.

Sigma Gamma Epsilon Prize

Established in memory of W. A. Tarr by the national geology honor society, is awarded for scholarship and service in the Department of Earth and Environmental Science.

R. A. Steinmayer Award

Established in 1957 by the Tulane geological alumni in honor of R. A. Steinmayer, emeritus professor of geology, for the outstanding graduating student in the Department of Earth and Environmental Sciences.

Francis M. Taylor Award

Established in 1971 by chemical engineering alumni to honor Professor Emeritus Taylor. Awarded to a senior in chemical engineering for outstanding citizenship, professional attitudes, and accomplishments.

Joyous and William Van Buskirk Scholarship Award

The student was selected by the biomedical engineering faculty for his outstanding achievement in biomedical engineering studies.

Daniel H. Vliet Award

Established in 1989 to honor Dr. Daniel H. Vliet who served on the faculty of Electrical Engineering for 37 years, including four years as head of the department, before his retirement in 1986. The award goes to a sophomore in an engineering program who has demonstrated superior performance in freshman physics.

Harold E. Vokes Award

Established in 1992 by the faculty of the Department of Geology in honor of Harold E. Vokes, professor emeritus of geology, for an outstanding graduating student in the Department of Earth and Environmental Sciences. Vokes Fellowship Awarded annually to the top Ph.D. candidate in the Department of Earth and Environmental Sciences.

The Zoology Prize

Awarded to a graduating senior majoring in ecology and evolutionary biology for outstanding achievement in zoology.

University Policies and Procedures

Registration Policies and Procedures

All students must register by the last day to add classes for each semester. Students register on the web by accessing Gibson Online, which can be found via the University Registrar's website at www.registrar.tulane.edu. Gibson Online is a gateway to online services such as registration, grades, degree audit, myTulane, etc. This site also contains a link to the Schedule of Classes. Registration can also be accessed by logging directly into the Schedule of Classes. Summer and Fall semester course offerings are available in March and Spring semester courses are available in November. The schedule contains live data and reflects what courses are available at that moment in time. The convenience of registration on the web coupled with the delivery of tuition bills via email greatly reduces the time each student must spend on campus dealing with administrative details. Students, however, must know that by registering they assume full financial responsibility for keeping the University informed of any address changes so that bills may be delivered promptly.

Students should also be aware of the requirement to confirm attendance at the beginning of each semester. Notices will be emailed to all enrolled students when the confirmation option becomes available on GIBSON. In addition, they must consult the academic calendar on the University Registrar's webpage when adding or dropping courses once the term has begun. Failure to heed the dates set forth in the official calendar could result in academic or financial penalty.

Grade Grievance Procedure

Students who believe a grade to be incorrect should first consult with their instructor to address any discrepancies. If questions remain or the situation is unresolved, students seeking redress should follow the official [grade grievance procedure](#).

Address Changes

All students should provide the registrar with an up-to-date local address. It is the responsibility of the student to keep the university notified of any change in local or permanent address. Many of the important documents that students need are now sent to them using the addresses they provide. These include: notices from Technology Services, bills (if requested via mail vs. email), and notices concerning academic action. It, therefore, is essential that any change in address be updated using the Update Addresses and Phones option found under Student Services via Gibson Online.

Expected Behavior at Tulane University

Tulane University expects and requires behavior compatible with its high standards of scholarship. By accepting admission to the university, a student accepts its regulations (i.e., Code of Academic Conduct, Code of Student Conduct) and acknowledges the right of the university to take disciplinary action, including suspension or expulsion, for conduct judged unsatisfactory or disruptive.

The integrity of Tulane University is based on the absolute honesty of the entire community in all academic endeavors. As part of the community, students have certain responsibilities regarding

all independent work that forms the basis for the evaluation of their academic achievement. Students are expected to be familiar with these responsibilities at all times.

The scholarly community of the university depends on the willingness of both instructors and students to uphold the Code of Academic Conduct. When a violation of the Code of Academic Conduct is suspected, it is the duty of every member of the academic community who has evidence to take action. Students should take steps to uphold the Code of Academic Conduct by reporting any suspected offense to the instructor or the Honor Board. Students should under no circumstances tolerate any form of academic dishonesty.

Behavior Norms

Listed below are generally accepted guidelines for student behavior in classrooms, laboratories and studios. Instructors and schools may impose other expectations.

- Computers are to be used for class-related purposes only; instructors will specify when computers may not be used.
- Students and instructors will turn off all cell phones and electronic devices at the beginning of each class; these items will remain off for the duration of the class.
- Students and instructors are required to observe copyright laws.
- Students are responsible for checking their Tulane e-mail accounts daily when classes are in session.
- Instructors expect students to be punctual when arriving for classes and presentations; they also expect uninterrupted attendance for the duration of the class.
- Students submitting work late can expect, at the instructor's discretion, to have the work refused or to receive a grade penalty.
- Videotaping or recording a class requires the instructor's approval in advance.

Discipline

For all academic activities and disruptive behavior, the authority for control and discipline rests with the dean of Newcomb-Tulane College and the deans of the undergraduate schools. In all other areas, the vice president of student affairs is responsible for formulating appropriate procedures and regulations concerning student behavior and for the judicial consideration of violations. Students should refer to the Code of Student Conduct for a full description.

Code of Student Conduct

All students are bound by the code of student conduct that is administered by the Office of Student Affairs. The full text is available [here](#).

Credit-Hour

Program Integrity Rules issued by the U.S. Department of Education require institutions to establish a definition of "credit hour". This applies to all degree programs (including credit for full and part-time undergraduate, graduate, professional, post-baccalaureate, and online programs):

1. The assignment of credit-hours to a course occurs through a formal review process conducted at the appropriate levels of faculty governance.
2. For courses in lecture format, one credit-hour represents the subject content that can be delivered in one academic hour (50 min) of contact time each week for the full duration of

one academic semester, typically fifteen weeks along. For undergraduate courses, one credit-hour also includes associated work that can be completed by a typical student in 1-2 hours of effort outside the classroom. For graduate and professional courses taught in lecture format, 2-3 hours of outside work is expected for each academic hour of contact time as well.

3. For courses taught in other than lecture format (e.g., seminars, laboratories, independent study, clinical work, research, online courses, etc.), one credit-hour represents an amount of content and/or student effort that in aggregate is no less than that described in (2) above.

While Tulane's standard definition of a credit hour applies across the University, in some cases the definition may vary to meet specific accrediting body requirements.

General Policies

Tulane University is an Affirmative Action/Equal Employment Opportunity institution. Consequently, its policy of nondiscrimination includes recruitment, employment, admission retention and promotion of the most qualified students, faculty, and staff regardless of an individual's race, sex, color, religion, marital/ethnic origin, citizenship, marital status, sexual orientation, handicap, or veteran status. Tulane University does not discriminate in its provision of services and benefits or in its treatment of students, patients, and employees. Inquiries regarding this policy may be referred to the Office of Institutional Equity.

Tulane University is committed to a policy of compliance with Federal laws and regulations concerning nondiscrimination on the basis of race, sex, color, national/ethnic origin, religion, age handicap, or veteran status in educational or institutional programs and activities. Title VI and Title VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the other similar legislation prohibit such discrimination.

Tulane University has implemented grievance procedures for faculty, staff, and students concerning cases of alleged discrimination, including those of alleged sexual harassment. It is the policy of the University that harassment on the basis of sex among employees constitutes an impermissible employment practice, which is subject to disciplinary action and shall not be tolerated. Complaints or confidential inquiries may be referred to the Office of Human Resources or the Office of Institutional Equity.

Sexual harassment involving students and university personnel or among students is equally impermissible and shall not be tolerated. The University is committed to providing an environment to study free of discrimination and sexual harassment.

Reporting the Complaint: It is not necessary to first confront the harasser prior to instituting a complaint under this policy. However, it is appropriate to promptly report a complaint so that a full and complete investigation is possible. Any person designated to receive complaints from students, employees, or faculty must notify the Office of Institutional Equity within twenty-four (24) hours of receiving a harassment complaint.

Complaints by students: A student who believes she or he has been harassed or is being harassed may report the alleged harassing behavior to any of the following individuals or agencies:

- Dean of the Newcomb-Tulane College, Dean of the school or Dean of Students (or person designated by same) with which complaining student is affiliated.
- Vice President for Student Affairs (or person designated by same), 504-865-5180
- Associate Dean for Student Affairs, Tulane University Health Sciences Center, 504-988-5668
- Office of Institutional Equity, 504-862-8083 or 504-247-1760
- Tulane University Department of Public Safety, 504-865-5381
- Tulane University Health Sciences Center Security Services, 504-988-5531
- Contact the Office of Institutional Equity for additional information about Tulane University's Equal Opportunity and Harassment Policies. Uptown Square Suite 105, 504-247-1760.

Tulane University complies with the provision of the Family Education Rights and Privacy Act of 1974, which was enacted to protect the privacy of education records, to establish the right of students to inspect and review their education records, and to provide guidelines for the correction of inaccurate or misleading data. Students have the right to file complaints with the Family Education Rights and Privacy Act (FERPA) Office concerning alleged failures by the institution to comply with the Act. Information concerning the rights and protection under the Act, the types and locations of education records maintained and the procedure to be used by the institution for compliance with the provisions of the Act can be obtained from the following offices: Vice President for Student Affairs/Dean of Student Services (and Registrar's Office. Grievances or confidential inquiries concerning the Act may be referred to the Office of Institutional Equity.

It is the policy and practice of Tulane University to comply with the Americans with Disabilities Act and all state and local requirements regarding individuals with disabilities. Under these laws, no qualified individual with a disability shall be denied access to, or participation in, services, programs, and activities of Tulane University. Accommodations are provided to those with documented disabilities through the Office of Disabilities Services. This office can be reached at (504) 862-8433.

Newcomb-Tulane College Policies and Procedures

Course Loads

The normal academic course load for all students is 15 credits to 19 credits per semester. The student who completes 15 credits each semester can meet degree requirements in four years for most but not all degrees. The minimum course load is 12 academic credits per semester. Students must have registered for a minimum of 12 credits by the last day to add classes. An exception to this regulation is made for seniors who, in their final semester, need fewer than 12 credits to graduate.

In any given semester, when registration opens for the next semester, students may register for as many as 19 credits. After the close of a semester, students who have earned a grade-point average of 3.000 or better on 15 letter-graded credits or more during that semester may register for as many as 22 credits in the following semester. After the close of a semester, students who have earned a cumulative grade-point average of 3.500 may register for as many as 25 credits.

Full-time students with a course load of fewer than 14 credits should realize that they cannot qualify for Dean's List and risk falling behind their class level.

Class Status

Class status is determined by the total number of earned credit hours; credit hours for currently enrolled courses are not included. Credit for coursework taken at another institution is included only after the transfer credit approval process is complete.

Freshmen	0-24 earned credit hours
Sophomores	25-56 earned credit hours
Juniors	57-86 earned credit hours
Seniors	87 or more earned credit hours

Course Sequencing

Course at Tulane offerings increase in sophistication and specialty with increasing course number, and usually follow the following conventions:

1000-level	Introductory-level undergraduate courses
2000-level and 3000-level	Intermediate-level undergraduate courses; may require 1000-level prerequisites.
4000-	Advanced-level undergraduate courses; may require multiple level prerequisites;

level	may be a capstone course.
5000-level	undergraduate courses: honors thesis courses, courses taken abroad, or courses transcribed via our School of Record relationship with the Council on International Educational Exchange (CIEE).
6000-level	Introductory-level graduate or advanced-level undergraduate courses; often open to both undergraduate and graduate students; sometimes cross-listed with 3000 or 4000-level courses.
7000-level	Intermediate-level graduate courses; not open to undergraduates.
8000-level and 9000-level	Advanced graduate-level courses; often independent graduate study or dissertation research.

Cross-Registration

Students enrolled in Newcomb-Tulane College may register for courses at Loyola University, Dillard University and Xavier University, provided that the same course has not been offered at Tulane University within the past year. Students must be registered for at least nine credits of coursework at Tulane in the semester of Loyola, Dillard or Xavier registration and may not use the Loyola, Dillard or Xavier credits to satisfy core curriculum requirements or school-specific core requirements. Additional restrictions may apply; interested students should contact the Academic Advising Center.

Auditing Courses

A student registered for a full-time course load (at least 12 credits) may audit one course per semester in addition to his or her full-time course load without credit after completing formal registration and obtaining approval of the instructor for the course. Although credit is not granted for audited courses, such courses are considered part of the student's semester course load and are recorded on the student's permanent record. An audit enrollment that results in an overload is not permitted unless the student is qualified for such an overload. An auditor who is absent excessively will be dropped without record. Students who decide to audit a course after initially attending the course as a grade-seeking student must submit the appropriate change form to the registrar following the approval of the Newcomb-Tulane College dean.

Grades/Grading Policy

Federal law prohibits the release of grades or other confidential information to third parties, including parents and guardians, unless the student provides the Newcomb-Tulane College dean's office with written authorization for release of such information. Such a request may be made by the student at any time.

A student's progress toward graduation is measured not only by credits earned but also by the grade-point average. The grade-point average is determined by dividing the student's total number of quality points by the total number of quality hours. Graduation requires a 2.000 grade-point average, equivalent to an average grade of C, in all courses as well as in the major.

QUALITY	GRADE	QUALITY POINTS
Passing	A	4.000
	A-	3.667
	B+	3.333
	B	3.000
	B-	2.667
	C+	2.333
	C	2.000
	C-	1.667
	S	Satisfactory; not counted in grade-point average but is counted in earned hours
	D+	1.333
	D	1.000
	D-	0.667
failing	F	0.000
	U	Unsatisfactory; not counted in grade-point average and is not counted in earned hours
	UW	Unofficial withdrawal; counts in grade-point average as a failing grade and earns no quality points
	WF	Withdrawn failing; counts in grade-point average as a failing grade and earns no quality points
other	I	Incomplete; not counted in grade-point average
	IP	In progress; not counted in grade-point average
	RI	Indicates a repeated course; earns no quality points
	RX	Indicates unauthorized repetition of a course
	W	Withdrawn; not counted in grade-point average

Grades of WF are assigned by administrators and are computed in the grade-point average as if they were Fs.

In cases where students are suspended or expelled during the semester, W or WF grades may be assigned at the discretion of Newcomb-Tulane College. A grade of WF may be assigned for excessive absence from a course and may be assigned for disciplinary penalties in connection with an honor code or conduct code violation. A student who ceases to attend a class but has not withdrawn officially will receive a UW. After the last day to drop without record and before the last day to drop a course, students who drop courses voluntarily will have W noted on their transcripts for each course dropped.

Incomplete Grades

An incomplete grade, I, is given at the discretion of instructors when, in their view, special circumstances prevent a student from completing work assigned during the semester and with the understanding that the remaining work can be completed within 30 days. Incomplete grades also are given when a student's absence from a final examination has been excused by the Newcomb-Tulane College dean prior to or within one day following the final examination. Incomplete grades must be resolved within 30 days of the end of the semester or they are changed to Fs. The I will remain on the student's transcript, accompanied by the final course

grade. Extensions of the 30-day deadline must be requested in writing by the student and must be approved by the instructor and the Newcomb-Tulane College dean.

Extensions are approved only when a student has made an attempt to complete the missing work within the original 30-day period but, in the view of the instructor and Newcomb-Tulane College, has been prevented from completing the work by some special circumstance beyond the student's control. Extensions must be approved before the 30-day deadline expires; extensions are not approved retroactively.

IP Grades

An in-progress grade, IP, is used to show progress during the first semester of a year-long honors or capstone course. When the final semester's grade for the course is awarded, the IP is changed to reflect that grade and grade points are awarded accordingly.

Satisfactory/Unsatisfactory Option

Where individual schools permit, students in good standing may elect to take one course on a satisfactory/ unsatisfactory (S/U) basis per semester. They may count no more than ten credits from such courses toward degree requirements. The S/U option may not be used to satisfy the writing, foreign language, quantitative reasoning, and laboratory components of the core curriculum, or major or minor requirements. The last date for designating or revoking the S/U option is the deadline for dropping courses. Schools may impose additional limitations on courses that can be taken S/U; please refer to the appropriate school section for more information.

A student electing this option gets academic credit for the course without affecting the grade-point average as long as the work is at the C- level or better. A grade of U is not counted in the grade-point average and carries no credit for the course. Students are cautioned that because a grade of S is not counted in the grade-point average, it will not count toward the Dean's List honors or towards the 2.000 grade-point average required for graduation.

Examinations

Tulane University administers final examinations according to a published schedule available on the registrar's website at the beginning of each semester. The university expects students and instructors to follow this schedule. Instructors must give final examinations within the hours set aside in the examination schedule; the instructor determines the length and time of the examination within the schedule.

Misreading or ignorance of the schedule is not sufficient reason for a student's absence or tardiness to a final examination. Students are advised to check the schedule before making travel arrangements; such arrangements are not grounds for excusing a student from a final examination.

Students may be excused from final examinations by the Newcomb-Tulane College dean and the course instructor when there is a serious, incapacitating medical problem or when there is a death in the immediate family. Students who must be absent from the final examination for one of these reasons must contact the Newcomb-Tulane dean's office before or within 24 hours after the examination for approval. A student with an excused absence will receive a grade of I and a make-up examination; a student with an unexcused absence will earn a grade of F in the course.

(See school sections for further information.)

Class Attendance

Students are expected to attend all classes unless they are ill or prevented from attending by exceptional circumstances. Instructors may establish policies for attendance and making up missed work in their classes, which are announced at the beginning of the semester. Students who find it necessary to miss class are responsible for obtaining notes on material covered in lectures or other class sessions.

Students are responsible for notifying instructors about absences that result from serious illnesses, injuries, or critical personal problems. Medical recommendations are issued by the Student Health Center in the following instances: illnesses or injuries that involve hospitalization and a partial or complete withdrawal due to medical reasons. In these instances medical information will be released only with the student's written permission.

Instructors are authorized to lower the grades of students who are absent excessively without a satisfactory excuse or do not make up work missed because of absences. Instructors are authorized to lower the grades of students who are absent excessively without a satisfactory excuse or do not make up work missed because of absences. With the approval of the Newcomb-Tulane College dean, an instructor may have a student who has excessive absences involuntarily dropped from a course with a WF grade after written warning at any time during the semester.

Leave of Absence

Students who voluntarily leave any school of the university and return to that school within one calendar year will be allowed to continue study under the degree requirements in effect for them at the time they left. Any student returning to the university after more than one calendar year will be required to complete the degree requirements in effect at the time of readmission. Students taking a leave of absence who wish to receive registration materials and to preregister for classes during the priority period may formally file for a leave of absence for up to one year. Students who are allowed a one-year leave of absence are not required to complete a readmission application; however, they should submit a letter-of-intent to resume study at least eight weeks prior to the semester in which they wish to return. Students who leave a school without formal approval for a leave of absence must file an application for readmission with the Advising Center and will not receive registration materials until after the readmission has been processed. The deadline for applying for a leave of absence is the last day to register or to add courses in the semester after the last regular semester of a student's enrollment. Students who do not return to Tulane University for a particular term and do not request a leave of absence by the deadline for doing so are not eligible to return without applying for readmission.

Before registering at other institutions, students must consult the Newcomb-Tulane College's policy on transfer of credit and follow the established procedures. Following such study elsewhere, students must submit a transcript from the other institution showing all courses attempted. Students must have satisfactorily completed their academic programs and must obtain statements of continued good standing from the other institution before being allowed to return. Students who take a leave for health reasons may be required to obtain clearance from the Student Health Center before they are allowed to resume study.

Credit Expiration

At the time of readmission, any credit earned at Tulane more than ten years previously would not apply toward the degree. While the credits may be more than ten years old by the time the student completes the Tulane degree, they would still count toward the degree so long as the student had remained continuously enrolled at Tulane. Departments and schools may apply more restrictive rules in evaluating credits to be applied toward a major or professional degree.

Grade Reports

Tulane University attempts to keep its students well-informed of their academic progress throughout their attendance. All official grades as well as temporary midterm grades are available to the student in written report form (for the current term only) and on-line. Instructions for obtaining grades are outlined in the Schedule of Classes at www.registrar.tulane.edu.

Temporary grades are assigned by faculty to first-year students at midterm. For classifications above the first-year level, instructors are encouraged to report unsatisfactory grades (D, F, and U) to both student and the Newcomb-Tulane College Academic Advising Center.

Final grades are assigned in all subjects for all students and become a part of the student's permanent academic record. Final grades are based on the complete body of a student's work throughout the semester including the final examination.

Degree Audits

Degree audit reports are available to currently enrolled students on the [registrar's website](#) on an overnight basis by student request. The computerized degree audit matches the courses a student has taken against the College's and schools' general degree requirements as well as the major requirements and indicates which of the requirements are left to be taken. While advisers are available to discuss degree audits with students, it remains the student's responsibility to know the exact requirements for the desired degree as stated in this document and to enroll in the appropriate courses to satisfy those requirements.

Transcripts

An official transcript of a student's record may be sent to any person or institution upon the student's written instruction. Requests for official transcripts must be sent to the University Registrar. Instructions on the information to include with the request are available 24 hours a day by calling 504-865-5231 or by visiting www.registrar.tulane.edu. Transcripts are usually mailed to the receiving party within two working days after the request is received in the University Registrar's office. Transcripts may be withheld for unpaid financial accounts with the university.

Changes to Academic Records

No changes to course enrollment status, grades or grade types will be made more than three years after the close of the semester in which the course was offered. This rule places a three year time limit on the retroactive adding or dropping of courses or requesting grade changes.

Retention of Academic Records

Academic records (in paper files and in electronic storage in the Academic Advising Center) will

be retained for eight years from the time of first fall enrollment of that student cohort. For most students, this will mean that their records will be kept for 4 years after graduation (3 years for Architecture students). This restriction does not apply to records kept by the registrar's office; those records are retained permanently.

Dean's List Policies

Students who have earned a distinguished record in all of their subjects throughout the semester may be recognized on the Dean's List of Newcomb-Tulane College.

The Newcomb-Tulane College Dean's List is prepared after each semester and recognizes superior academic achievement. A 3.500 grade-point average is required of first-year students and sophomores and a 3.667 GPA is required of juniors and seniors. To qualify for the Dean's List, a student must have been enrolled in 14 credits of letter-graded work, excluding courses taken on a satisfactory/unsatisfactory basis.

Quality-of-Work Requirements

Continuation Requirements

Full-time undergraduate students enrolled in Newcomb-Tulane College are degree-seeking students. Those students who are not making satisfactory progress toward a degree are not permitted to remain enrolled at the university.

Students who earn at least 12 credits per full-time semester at Tulane and achieve at least the minimum cumulative grade-point average (GPA) for good standing are considered to be making progress toward the baccalaureate degree and are in academic good standing. Policies that apply to students who do not meet these scholastic standards are described below. Students experiencing academic difficulty are advised to give particular attention to the appropriate paragraphs of the explanation of the quality-of-work rules that are summarized in the tables that follow. Students should note that the standards are based on both total credits earned at Tulane and total earned hours.

Options to restore academic good standing

At the end of each spring semester students are reviewed for academic progress. Students who are deficient in either credits earned at Tulane or in cumulative GPA are placed on academic probation. They have three options to restore academic good standing:

- Students may remove their deficiency in Tulane Summer School.
- Students who have made more than the minimum required progress to degree (cumulative GPA and Tulane credits earned) but less than that required for good standing may return in the fall on academic probation. Minimum progress is the specific standard a student must meet to be permitted to return to Tulane on academic probation. It is NOT good standing.
- Students who have not made the minimum required progress to degree are required to sit out for a full academic year (and earn no transfer credit) and may return on academic probation no sooner than the following summer.
- Students can return in a fall semester while on probation (either 2 or 3 above) only once. The second time that a student fails to meet continuation standards at the close of a spring semester, he or she must restore good standing by the close of the second summer term or

face dismissal from Tulane.

Minimum credits earned at Tulane

Students must earn at least 12 credits at Tulane per full-time semester. A deficit in one semester can be made up with a surplus in another semester or with credits earned in summer school at Tulane. Students below this threshold are offered probation if they are lacking no more than 12 credits and their cumulative GPA meets continuation requirements described below. Students who are deficient more than 8 credits are likely to be required to attend one or more sessions of Tulane Summer School to restore good standing. Those more than 12 credits below the threshold are dismissed for one academic year and are eligible to return the following summer. The credit hour requirements are summarized in the table below.

Full-time semesters completed at Tulane	Minimum credits earned at Tulane to be eligible for Probation	Minimum credits earned at Tulane for Good Standing
1	>0	12
2	12	24
3	24	36
4	36	48
5	48	60
6	60	72
7	72	84
8	84	96
9	96	108
10	108	120

Cumulative Grade Point Average (GPA) Requirements

Minimum Cumulative GPA thresholds are based on the total number of earned hours (EHRS) that a student has accumulated. This includes all AP and IB credits and transfer credit.

There are two thresholds, the minimum for good standing and the minimum to be eligible for probation. Students whose cumulative GPA falls below the minimum required for good standing and at or above the minimum for probation are eligible to return in the fall semester on probation. Students whose cumulative GPA falls below the minimum for probation are dismissed for one academic year.

The minimum cumulative GPA for good standing is 1.500 (0-12 EHRS), 1.750 (13-24 EHRS), 1.850 (25-36 EHRS) and 2.000 (37 or more EHRS). Students at or above the appropriate standard and earning the minimum credits for good standing described above are in academic good standing.

The minimum cumulative GPA to be eligible for probation is 1.000 (0-12 EHRS), 1.250 (13-24 EHRS), 1.500 (25-36 EHRS), 1.750 (37-72 EHRS), 1.800 (73-96 EHRS) and 1.850 (97 or more

EHRIS). Students at or above this minimum and below the good standing threshold are offered probation. Students not meeting this minimum are dismissed for one academic year and are eligible to return on academic probation the following summer (or fall). The GPA requirements are summarized in the table below.

Total Earned Hours	Minimum Cumulative GPA for Probation	Minimum Cumulative GPA for Good Standing
0 to 12	1.000	1.500
13 to 24	1.250	1.750
25 to 36	1.500	1.850
37 to 72	1.750	2.000
73 to 96	1.800	2.000
97 or more	1.850	2.000

Probation and Dismissal

Students who are placed on academic probation or probationary leave of absence are ineligible to obtain a letter of good standing, study at another institution and transfer the credit to Tulane University. Students who have been academically dismissed from Newcomb-Tulane College are not allowed to re-enroll. Academic dismissal is noted permanently on the student's transcript.

Summer School Attendance

Students may attend Tulane Summer School for the purpose of enriching their academic programs or accelerating their graduation. Students on academic dismissal at the close of spring semester may attend Tulane Summer School and remedy their deficiencies.

Full credit is given, without special approvals, for Tulane Summer School courses offered by the full-time undergraduate schools at Tulane. Other Tulane Summer School courses may be taken within the nine-credit limit for courses outside the College. Candidates for a degree may count 15 credits of summer work at Tulane among the final 30 credits that must be earned in residence. Students should consult with their academic advisers regarding the proposed Tulane Summer School program during the registration period in the spring.

Students in academic good standing may attend the summer school of any regionally accredited, four-year institution. To ensure that credits earned at another institution will transfer to Tulane, students should consult the "Transferring credit to Tulane University" section of this catalog. Students must obtain prior approval of their choice of institution and proposed summer program no later than the end of the final-examination period in spring semester. Grades earned at other institutions are not computed in the student's grade-point average; therefore, a student cannot make up a grade-point deficiency at Tulane by attendance at another institution. Students may apply up to six credits of approved coursework from another institution toward the senior residency requirement.

Transferring Credit to Tulane University

Transferring credit earned prior to matriculating at Tulane University

Incoming first-year students planning to enroll in courses elsewhere during the summer prior to arriving at Tulane must consult with the Academic Advising Center for approval.

- In order to be considered for approval, college courses taken prior to enrolling in Tulane University, Newcomb-Tulane College requires:
- The courses were offered by a regionally accredited college or university
- The courses were listed in the official catalog of the college or university from which the credit was earned
- The courses were taught by college or university faculty
- A grade of C or better was earned in each course

Tulane will award up to fifteen credits for dual high school courses if the course credit is noted on high school transcripts, or if the course is taken on a college campus and composed only of high school students. This policy applies to students entering in the catalog year of 2014 or later.

In order to process transfer credit approval requests for college courses taken prior to enrolling in Tulane University:

- A Transfer Credit Approval Form from his or her Newcomb-Tulane College advisor. The advisor will verify the student's eligibility to earn transfer credit and the accreditation of the school at which the student wishes to study.
- An official transcript issued to Tulane University (not a grade report or transcript issued to the student)
- Course descriptions from the college catalogs or brochures that correspond to the courses on the transcript, and other documentation (syllabi, etc.) that the academic department requires for review.

Following submission of these items to Newcomb-Tulane College's Academic Advising Center, the courses will be evaluated, and if found to be equivalent to Tulane University coursework, the student's Tulane transcript will be adjusted to reflect the academic credit awarded in transfer. Individual course equivalency for dual high school/associate degree courses will be determined by Tulane departments and programs. All courses are subject to approval, and in some cases courses may not be approved for credit. Grades are not transferred with the credits.

Transferring credit earned after matriculation at Tulane University

Continuing or returning students in academic good standing are eligible to apply for transfer credit from other regionally accredited four-year institutions within the United States. Prior approval is necessary in order for currently enrolled students to take course(s) for transfer credit to Tulane University. To be eligible for transfer credit from study-abroad programs, students must have at least a 2.700 cumulative grade-point average at Tulane and obtain approval for the program abroad from the Center for International Studies. The transfer credit policy for the university is as follows.

The currently enrolled student must obtain the catalog description for each course the student wishes to take at another regionally accredited, four-year institution. The Freeman School of Business requires that students also provide a syllabus for each course. Please note that some transfer credits may be denied for applicability to the professional school's major/minor degree

requirements due to professional accreditation standards. The student begins this process with his or her academic advisor. Each course is evaluated by the appropriate school or department at Tulane to determine whether or not it can be applied to a Tulane degree. The institution and program through which the courses were offered must be comparable to the department or program at Tulane awarding the transfer credit. Credit earned at community colleges is not accepted for transfer.

In order to process transfer credit for these courses, the Newcomb-Tulane College requires:

- A grade of C or better in each course, and
- An official transcript issued to Tulane University (not a grade report or transcript issued to the student). Transcripts should be sent to the Academic Advising Center.

Credit for acceptable work is transferred in the amount recorded on the official transcript of the other institution. Credits earned on a pass/fail or satisfactory/unsatisfactory basis do not transfer unless the transcript states that P or S is equivalent to a grade of C or better. Grades are not transferred with the credits; therefore, a student cannot remedy a grade-point deficiency at Tulane by attendance at another institution.

Transfer Credit and Majors

No more than half of the credits required for each major may be transfer credits.

Transfer Credit Expiration

No credit earned at another college or university more than ten years previously may be applied to an undergraduate degree at Tulane. This rule would apply to the date when the credit is evaluated. While the credits may be more than ten years old by the time the student completes the Tulane degree, they would still count toward the degree so long as the student had remained continuously enrolled at Tulane.

Retake Course Policy

A course completed with a passing grade of D-, D, or D+ may be repeated. When a course is repeated, both grades are included in the GPA. In order to repeat a course, the student must be enrolled in a full-time course load (a minimum of 12 new hours) in addition to the repeated course. No more than one course may be repeated in any semester. The student will receive credit once for the course, and both grades earned will be used to compute the GPA.

Students may repeat courses in which they have earned an F or WF. If a failed course is a required course, it must be repeated with a passing grade. The initial failure remains on the record and continues to count in the student's cumulative grade-point average. If a course is failed, repeated, and failed again, only the initial failure (F but not WF) is calculated in the grade-point average; however, all subsequent failures remain on the transcript. The grade penalty for a WF is never removed from the GPA.

Commencement Policies and Procedures

A student expecting to receive a degree in May must register as a candidate for graduation in the Newcomb-Tulane College's Academic Advising Center by October 1 of the previous year. Students expecting to complete their degree requirements at any other time should consult the

Academic Advising Center for appropriate information. The commencement ceremony is held only in May. Students completing degree requirements in August or December may, however, participate in the ceremony held the following May. All graduates who will not attend the commencement ceremony should request at the Newcomb-Tulane Academic Advising Center that their degree be awarded in absentia. All financial obligations to the University must be cleared before the Registrar will release a diploma or a transcript.

Graduation With University Honors

To be eligible for university honors, a student must have completed a minimum of 60 credits (75 for dual degree candidates) while enrolled at Tulane University; this may include enrollment in Tulane's year-long and semester programs abroad and Washington Semester. Only Tulane credits are computed in the cumulative grade-point average for honors candidates. A student completing two degrees may be awarded university honors for both degrees. Eligibility for honors for each degree will be determined by grades earned in all course work counting toward the respective degree.

SCHOLARLY HONORS

Students who complete an Honors Thesis for their academic major or majors will graduate "with Honors in" that major or majors. In order to write an Honors Thesis and to receive Scholarly Honors, a student must at the time of graduation have an overall cumulative GPA of 3.400 or higher, and a cumulative major GPA of 3.500 or higher. See the Honors Program for information for details about eligibility for writing an Honors Thesis, as well as the rules, process, and deadlines (<http://honors.tulane.edu/content/honors-thesis-0>).

LATIN HONORS

FOR STUDENTS WHO ENTERED TULANE IN FALL 2013 OR LATER

Latin Honors (cum laude, magna cum laude, and summa cum laude) are awarded to the top 30% of the graduating class based on their overall GPA.

- The top 5% will be awarded their degrees summa cum laude.
- The next 10% will be awarded their degrees magna cum laude.
- The next 15% will be awarded their degrees cum laude.

The standards each year will be set based on the GPA of the previous graduating class, and will be publicized to students in the summer before their graduation year. (August graduates will be recognized according to the standards set in the previous academic year; December graduates will be recognized according the standards of the academic year in progress.)

Currently the standards are the following:

- Summa cum laude = 3.900
- Magna cum laude = 3.800
- Cum laude = 3.600

Policy Changes

The University reserves the right to change any of its rules, courses, regulations, and charges without notice and to make such changes applicable to students already registered as well as to new students. Students should review material provided for them, including their on-line degree audit, and seek aid and direction from academic advisers, faculty advisers, and deans and. However, each student must accept full responsibility for knowledge of and compliance with the policies of Tulane University and its schools and for the fulfillment of requirements for the course of study selected.

Withdrawal

Voluntary

A student who has registered for a semester and plans to withdraw from the university must inform their academic advisor. After appropriate action has been completed with the Academic Advising Center, confirmation of withdrawal will be sent to the student. The official date of the withdrawal must be approved by the associate dean of the college and usually is the date of formal notification. The withdrawal date is important for determining possible refunds. Students who officially have withdrawn from the university cannot reside on campus.

Medical

A withdrawal from courses for medical reasons requires an official letter of recommendation from a physician in the Student Health Center and the approval of the Newcomb-Tulane College dean's office. Students seeking a medical withdrawal must report to their academic adviser and the dean's office before going to the health service for an evaluation. Medical withdrawal letters issued by the Student Health Center should be delivered to the dean's office within 48 hours after they are issued. Grades of W are assigned when a student withdraws from one or more courses for medical reasons after the last day to drop without record.

A partial medical withdrawal (from some but not all courses) or incomplete grades in one or more courses may be permitted upon the recommendation of the Student Health Center. Students requesting a partial medical withdrawal must confer with their academic adviser, who will confer with the associate dean of Newcomb-Tulane College, who makes the final decision on this matter. Withdrawals from individual courses for medical reasons after the published deadline for dropping a course will require supporting justification. Partial withdrawals are not given during the last two weeks of classes. The deadline for medical withdrawals from all courses is the last day of classes each term. Requests for retroactive medical withdrawals normally are not approved.

The university may require a medical clearance before a student can continue studies in a semester that begins subsequent to administrative action (leave of absence, voluntary withdrawal, extension of I grades, course-load reduction) that has been taken on behalf of the student for medical reasons.

Required

A student may be required to withdraw from any course or from the university, temporarily or permanently, for any of the following reasons: possibility of danger to the health of the student or to that of other students if enrollment is continued; refusal to obey regulations; violation of the Honor Code or other serious misconduct; unsatisfactory class attendance; or work below the

required scholastic standards.

Refunds

The deadlines for the refund of full, three-quarter, one-half, or one-quarter tuition in any semester are listed in the academic calendar. Refunds are recommended by the Newcomb-Tulane College dean in strict accord with the calendar deadlines and only when withdrawals are official. No refunds will be granted after the one-quarter refund deadline.

The established deadlines are applicable under all conditions for withdrawal. University fees, including the student activity fee, are refundable only through the last day to register or add classes.

Code of Academic Conduct

This Code applies to all undergraduate students, full-time, and part-time, in Tulane University. The full text is available at: <http://tulane.edu/college/code.cfm>. Hard copies are available in the Newcomb-Tulane College Dean's Office.

ROTC Programs

Tulane University recognizes the need for military officers with a quality education in a variety of academic specialties and highly recommends the Reserve Officer Training Corps programs as one method of meeting this need. The university maintains Air Force, Army, and Naval ROTC units which are part of the School of Science and Engineering. Their programs are open equally to men and women in all schools. Each of the programs provides an opportunity to develop leadership and management abilities, as well as to perform a valuable service to the nation. Individuals who wish to earn a commission and to serve a brief period of active duty, as well as those who are interested in a career of military service, are encouraged to participate.

A maximum of 15 credits from ROTC courses may be applied to a Tulane degree.

Air Force Reserve Officer Training Corps (AFROTC)

Air Force Reserve Officer Training Corps (AFROTC) offers three and four year programs through which students can earn a commission as a Second Lieutenant in the United States Air Force upon graduation. AFROTC is a comprehensive academic and hands-on training program. Students have the unique opportunity to enhance their interpersonal communications, teamwork, leadership, and management skills.

The curriculum is divided into two parts: the General Military Course (GMC) for freshman and sophomores, and the Professional Officer Course (POC) for juniors, seniors, and graduate law or nursing students. GMC students attend a 1-hour class and a 2-hour laboratory each week. POC students attend a 3-hour class and a 2-hour laboratory each week. Cadets compete for and must be selected to attend field training (a four-week session) between their sophomore and junior years.

LLAB cadets are classified into one of four groups with respect to field training attendance and/or commissioning. Initial Military Training (IMT) cadets are part of the General Military Course (GMC) but are not scheduled to attend field training (normally AS1000 cadets). The focus of IMT objectives/activities are to promote the Air Force way of life and help effectively recruit and retain qualified cadets. This time is spent acquainting the cadets with basic Air Force knowledge and skills to help them determine whether they wish to continue with the AFROTC program. Field Training Prep (FTP) cadets are scheduled to attend field training in the upcoming year (normally AS2000 cadets). The FTP objectives provide training to ensure every cadet is mentally and physically prepared for the rigorous field training environment. Intermediate Cadet Leaders (ICL) are cadets returning from field training (normally AS3000 cadets). ICL objectives/activities give cadets the opportunity to further develop the leadership and followership skills learned at field training.

Every cadet position should provide the ICL the opportunity to sharpen their planning, organizational, and communication skills, as well as their ability to effectively use resources to accomplish a mission in a constructive learning environment. Senior Cadet Leaders (SCL) are cadets scheduled to be commissioned in the upcoming year (normally AS4000 cadets). This time is spent on additional opportunities to develop leadership and supervisory capabilities, and prepares cadets for their first active duty assignment. Extended Cadet Leaders (ECL) are cadets whose ROTC academic requirements are complete but still have one or more terms of college

left to complete. These cadets may hold special duty or regular positions within the cadet corps upon discretion of the Detachment Commander (Det CC) or Commandant of Cadets (COC).

Students may enroll in the GMC without incurring any military obligation. Entry into the POC is competitive and requires a commitment to the Air Force. Additional summer programs are available to cadets on a voluntary basis. These professional development opportunities include parachuting, soaring, language immersion, base visits and more. Textbooks and uniforms are issued to cadets without cost. Scholarship cadets qualify for yearly book allowance per year and a subsistence allowance per month during academic year.

The Air Force offers excellent scholarship opportunities in a wide variety of academic majors. For additional information or to check scholarship eligibility, contact AFROTC Detachment 320, Tulane University, at (504) 865-5394, afrotc@tulane.edu, <http://tulane.edu/det320> or visit www.afrotc.com.

Army Reserve Officer Training Corps (AROTC)

Army Reserve Officer Training Corps (AROTC) is a comprehensive program of studies through which a student can qualify to be commissioned as an officer in the United States Army, the National Guard, or the United States Army Reserve. Students learn leadership and management skills important in any profession. The Army ROTC program consists of a two-year Basic Course, which is open to freshmen and sophomores only, and a two-year Advanced Course. Non scholarship students participating in the first two years of AROTC do not incur any obligation to the U.S. Army. Army ROTC offers four, three, and two year scholarships that include the Guaranteed Reserve Forces scholarship. Army scholarships provide tuition assistance, a flat rate for textbooks, and a monthly subsistence allowance (up to 10 months per year). Admission to the AROTC Advanced Course is conditional on meeting academic, physical, and age requirements and the approval of the professor of military science. Physical training is an integral part of the AROTC program.

To be commissioned as an officer, a student must complete either the regular four-year program, a three-year program (whereby the Basic Course is compressed into one year), or a two-year program (requiring completion of the summer AROTC basic camp giving the student credit for the Basic Course). Advanced placement for AROTC training may be given to veterans and students with previous ROTC experience. In addition to these requirements, a student must complete at least one course each in the areas of written communication, human behavior, military history, computer literacy and math reasoning. Uniforms and military science textbooks are issued without cost to all students. Advanced Course and scholarship students receive a subsistence allowance. They are also paid for the summer advanced leadership camp they must attend prior to completing the Advanced Course. For further information contact the Army ROTC office at 1-800-777-ARMY or 504-865-5594.

Naval Reserve Officer Training Corps (NROTC)

The Naval Reserve Officer Training Corps (NROTC) program at Tulane University offers students the opportunity to earn a commission in the Navy or Marine Corps. Students typically earn a scholarship out of high school. Students matriculating to Tulane University, who have not already been awarded an NROTC scholarship, may participate in the NROTC College Program and compete for a scholarship. These students are selected from applicants each year by the

Professor of Naval Science.

NROTC Scholarship Process

The NROTC scholarship board begins accepting applications in April for the following academic year. The deadline for applications is January 31. The scholarship board uses a "rolling" selection process. The board commences reviewing applications in August and continues into the spring. Students aspiring to serve their nation should begin the application process early and provide updates through their fall semester to the closing of the application deadline. The Navy desires future officers to have backgrounds in either engineering or hard science majors.

NROTC Scholarship rewards students with full tuition, university fees, uniforms, a textbook stipend, and a subsistence stipend. Scholarship students participate in paid summer training periods and receive commissions in the Navy or Marine Corps Reserve as Ensigns or Second Lieutenants upon graduation. They have a minimum five-year active duty obligation after commissioning, followed by five years in the inactive reserves.

NROTC College Program

NROTC College Program students are selected from applicants each year by the Professor of Naval Science. First-year students may apply to participate in the college program at the beginning of their first or second year. College program students compete nationally for a three-year NROTC scholarship. During the sophomore year, non-scholarship students compete for "Advanced Standing". "Advanced Standing" guarantees the student a commission in the service upon graduation. Students failing to attain "Advanced Standing" are dismissed from the program. College Program students participate in one paid summer training period (between the junior and senior years) and receive commissions in the Navy or Marine Corps Reserve upon graduation. They incur a minimum five-year active duty obligation, followed by four years in the inactive reserves. College program students are furnished uniforms and naval science textbooks and a subsistence stipend during their junior and senior years.

NROTC Requirements

Members of the NROTC program are expected to achieve high academic standards, excel at physical training and be of sound moral judgment. All members of the program are required to enroll in Naval Science classes every semester and participate in morning drill and physical training. In addition, Navy Option scholarship recipients are required to take 2 semesters of Calculus and 2 semesters of Physics.

The Naval ROTC Unit sponsors many teams in campus intramural sports and many specialty organizations that represent the unit on campus and throughout Louisiana and the southern United States. If you would like to schedule a visit or have any questions, please call the NROTC Unit, Tulane University at (504)865-5104, or email NAVYADMIN@tulane.edu. Additional information may be found at <http://tulanenrotc.com/>.

Undergraduate Degrees, Programs, Majors, and Minors

Degrees and Requirements

Degrees

Degrees offered in Newcomb-Tulane College expose students to a wide range of thought, fact, and human experience. Such a liberal education broadens students' knowledge and awareness of each of the major areas of human understanding into which the disciplines are divided and prepares students for a constructive role in society and for continued learning that contributes to a productive career and a rewarding personal life.

- Bachelor of Arts (B.A.)
- Bachelor of Fine Arts (B.F.A.)
- Bachelor of Science (B.S.)
- Bachelor of Science in Engineering (B.S.E.)
- Bachelor of Science in Management (B.S.M.)
- Bachelor of Science in Public Health (B.S.P.H.)
- Bachelor of Science in Architecture (B.Arch.)
- Master of Architecture (M.Arch.)

The degree awarded to the student is dependent on the primary major program(s) completed. Candidates completing a primary major program in the humanities or the social sciences receive the B.A. degree; those completing a primary major program in the fine arts receive either the B.A. or the B.F.A. degree. The B.S. degree is awarded to candidates completing a primary major program in the sciences or architecture. Candidates completing primary major programs in anthropology, economics and linguistics receive either the B.A. or B.S. degree.

Degree Requirements

The credits presented for an undergraduate degree must satisfy the core curriculum, school specific core curriculum and major requirements described within the appropriate program of study. Each candidate for degree is required to have completed at least 120 credits of academic work and to have achieved a 2.000 cumulative grade-point average at the university and in the major. At least 66 of the 120 credits must be earned in courses above the 1000 level. Academic credit is awarded on the [credit-hour system](#).

Students who have not completed the first-year writing core requirement (ENGL 1010 or presented an appropriate AP test score) by the end of the second semester of enrollment may not early register for the following semester and may not return to the College until this requirement has been fulfilled.

The College's foreign language requirement is competence at the 1020/1120 level and at least one semester of coursework in this language taken at Tulane. Students who entered Tulane as transfer students may be permitted to satisfy this requirement with transfer credit. See the individual school sections of this catalog for any additional requirements set by the schools. All students must receive formal placement in any foreign language they plan to take while at

Tulane.

These policies apply to all students, including those who contemplate leaving for any reason prior to graduation.

The recommended semester program consists of 15 credits to 19 credits. All degree candidates must have completed the last 30 credits of coursework in residence in the college and a minimum of 60 credits at Tulane University. Students who participate in a Tulane study abroad program or other Tulane-sponsored program in the senior year are earning Tulane grades and credits and, therefore, are considered to be meeting the senior residency requirement.

Subject to approval, students may count a maximum of 15 credits of summer work at Tulane, or up to six credits of summer work from other four-year, regionally accredited institutions, as part of their last 30 credits that must be completed in residence. Other school- or program-specific restrictions may apply. Students are encouraged to consult with their advisers.

A maximum of nine credits from courses offered by schools that are not within Newcomb-Tulane College (in the Schools of Continuing Studies, Law, and Social Work) may count toward graduation requirements.

At any time, students can access automated degree audits from the University Registrar's website (<http://www.registrar.tulane.edu>) showing all completed courses and indicating the general degree requirements and major requirements that remain to be fulfilled before graduation. Students should discuss their degree audits with their advisers and report errors to their academic adviser as soon as possible. Each student is responsible for knowing the exact degree requirements as stated in the school sections of this catalog and for enrolling in appropriate courses to satisfy those requirements.

Dual Degrees

Tulane University offers the option of obtaining two undergraduate degrees. Newcomb-Tulane College students should refer to the school-specific sections for more information on pursuing dual degrees within the same school and consult with their advisers early in their academic careers.

To qualify for two baccalaureate degrees (dual degree) from any of the schools, a student must complete a minimum of 150 credits (75 credits completed at Tulane University) at least 82 of which must be above the 1000-level and satisfy all requirements for each degree and each major. A candidate also must file a degree application for each degree at least two semesters prior to the anticipated date of graduation.

Joint-Degree Programs

Tulane University offers joint-degree programs (undergraduate and graduate) in Business, Law, and Public Health & Tropical Medicine. The undergraduate schools allow qualified students who have completed three years of undergraduate work to begin graduate studies in one of the professional programs. A student who completes the junior year in residence in any of the schools (not on a Tulane year-long study abroad program) and then begins study in one of these professional programs may receive a bachelor's degree from the respective school after satisfactorily completing one year of full-time professional study.

To enter one of these programs, students are required to be accepted by the professional program and to obtain approval from the Newcomb-Tulane College dean by the end of the sixth semester of study. Joint-degree candidates are required to complete 90 credits in Newcomb-Tulane College during three years of study before starting work in the professional program. Credits earned in divisions outside Newcomb-Tulane College (in Schools of Law, Medicine, Social Work or Continuing Studies) may not be applied to the 90 credits. Candidates must meet all core curriculum and major requirements for the bachelor's degree in the undergraduate school. Students in joint-degree programs must complete 120 credits by the close of their fourth year of study in order to receive a degree from the undergraduate school. Students who fail to do so will be required to attend Tulane Summer School to make up their credit deficiency before beginning their second year in the professional school. Transfer students must complete two years of undergraduate work at Tulane to be eligible for a joint-degree program.

All students must file an application for degree at least two semesters prior to the anticipated date of graduation. Every course taken during the first year in the professional program must be passed, and the student's performance in the first year's work in the professional program must be of sufficient quality for advancement to the second year. A student who fails to meet this requirement may become a candidate for a degree in the undergraduate school after satisfactorily completing an additional year of study in the undergraduate school. If a student in a joint-degree program is a candidate for honors, the grade-point average used to determine the eligibility includes the applicable work done in the professional program.

Advanced Standing and Exemption

Although the university awards placement or credit to students who have earned sufficiently high scores on AP or IB exams, students not in these programs also may have special expertise in a foreign language. Students, who prove proficient in a foreign language through a sufficiently high score on the College Board Achievement Test or on a departmentally administered proficiency exam, are exempted from the competency portion of the foreign language requirement only, with no credit awarded; all students must take at least one foreign language course in that language at Tulane University. Exemption may be given in other departments on an individual basis.

Advanced Placement (AP)/ International Baccalaureate (IB) Credits

Advanced placement or college credit is awarded to students who receive the required scores on the College Board AP exams as established by Tulane University academic departments. It is the student's responsibility to ensure that an official report of the AP test scores is sent to Tulane University.

When planning their fall schedules, first-year students should not enroll in courses for which AP credit is expected. AP credit does NOT count toward the minimum or maximum course load or toward the minimum number of earned credits required to remain in academic good standing. No more than four credits of English and no more than four credits of a single modern foreign language will be awarded to any student, even if the student has high scores on the language and literature tests.

A complete listing of AP credit and placement for individual subject areas is located at [here](#). Questions regarding advanced placement credit should be directed to the Newcomb-Tulane College Academic Advising Center.

In addition, Tulane University also awards credit for scores of 5 or better on higher-level International Baccalaureate exams. For more information about IB credit, please contact the Newcomb-Tulane College dean's office.

Residency

All degree candidates must have completed a minimum of 60 credits at Tulane University (excluding Tulane study abroad and Washington Semester programs).

Students must complete the last 30 credits of coursework in residence in the College. Students who participate in a Tulane study abroad program or in the Washington Semester program in the senior year are considered to be meeting the senior residency requirement but these credits will not apply toward the 60 credit university residency requirement. Students participating in dual degree physics and engineering programs (Tulane and approved partner universities) are exempted from the senior residency requirement but not the Tulane residency requirement.

At least half of the credits required for each major must be completed at Tulane University.

CLEP

Full-time undergraduate students enrolled in Newcomb-Tulane College may not earn credit toward a degree through the College Level Examination Program (CLEP).

Core Curriculum

The [core curriculum](#) is designed to provide a common academic experience for undergraduates across all schools of the university, the core curriculum ensures the attainment of basic competencies in writing, foreign language, scientific inquiry, cultural knowledge, and interdisciplinary scholarship. Use the links on [Core Curriculum webpage](#) to see how individual school requirements affect the core requirements.

Major Component

A major field of study provides each student the opportunity to explore a single area of inquiry in depth and to gain the self-confidence derived from mastery of a subject. The major must be selected no later than the beginning of a student's fourth semester of college study. The selection of a major program also determines the school with which the student will be affiliated. Students may change their majors at any point in their academic careers; students choosing to change their majors should be aware that:

- this action may necessitate a change in school,
- not all previously completed coursework may apply to the newly selected school or major, and
- additional coursework may be necessary to meet the new major requirements

Students who elect to complete more than one major must complete all courses for each major. Students declaring a second major must submit their programs of study to the appropriate dean's office for approval. At least half of the coursework required for each major must be completed at Tulane University. Newcomb-Tulane College students should be aware that obtaining a second major in professional degree programs requires obtaining the professional degree, i.e. B.S.E., B.S.M., B.S.P.H., M.Arch.

Minor Component

Undergraduate students may complete one or more minors. The minor is optional and is designed to provide structure to the study of a secondary field of interest chosen by the student. Students who elect to complete the requirements for a minor must earn a grade-point average of at least 2.000 in courses counting toward that minor. No courses counting toward the student's first minor will count toward the student's second minor. Individual schools or departments may specify the number of credits allowed on major-minor overlap. Students should consult departmental listings for additional information.

Bachelor of Architecture

- [Architecture](#)

Master of Architecture

- [Architecture](#)

Bachelor of Arts Majors

- [African and African Diaspora Studies](#)
- [Anthropology](#) ¹
- [Art History](#)
- [Asian Studies](#)
- [Classical Studies](#)
- [Communication](#)
- [Dance](#)
- [Digital Design](#)
- [Economics](#)
- [English](#)
- [Environmental Studies](#)
- [Film Studies](#)
- [French](#)
- [Gender and Sexuality Studies](#)
- [German Studies](#)
- [Greek](#)
- [Health and Wellness](#)
- [History](#)
- [Homeland Security](#)
- [Italian](#)
- [Jewish Studies](#)
- [Latin American Studies](#)
- [Latin](#)
- [Linguistics](#)
- [Medieval and Early Modern Studies](#)
- [Music](#)
- [Philosophy](#)
- [Political Economy](#)
- [Political Science](#)
- [Psychology and Early Childhood Education](#)

- [Public Relations](#)
- [Russian](#)
- [Sociology](#)
- [Spanish and Portuguese](#)
- [Spanish](#)
- [Studio Art](#)
- [Theatre](#)

Bachelor of Fine Arts

- [Dance](#)
- [Jazz Studies](#)
- [Musical Theatre](#)
- [Music Performance or Composition](#)
- [Studio Art](#)
- [Theatre](#)

Bachelor of Science Majors

- [Anthropology¹](#)
- [Applied Computing and Technology](#)
- [Biological Chemistry](#)
- [Cell and Molecular Biology](#)
- [Chemistry](#)
- [Ecology and Evolutionary Biology](#)
- [Economics](#)
- [Environmental Biology](#)
- [Environmental Earth Science](#)
- [Geology](#)
- [Linguistics](#)
- [Mathematics](#)
- [Neuroscience](#)
- [Physics](#)
- [Psychology](#)

Bachelor of Science in Engineering

- [Biomedical Engineering](#)
- [Chemical Engineering](#)
- [Engineering Physics](#)

Bachelor of Science in Management

- [Finance](#)
- [Legal Studies in Business](#)
- [Management](#)
- [Marketing](#)
- [Energy Specialization](#)
- [Entrepreneurship Specialization](#)

Bachelor of Science in Public Health

- [Public Health](#)

Joint Degrees in Public Health

- [BSPH/MPH, MSPH, or MHA](#)

Certificates

- [Teacher Certification Program](#)

Self-Designed Majors

Students in the School of Liberal Arts can, with faculty approval, self-design a major. For additional information click [here](#)

Coordinate Majors

Coordinate majors are interdepartmental second majors that are linked to one of the primary majors listed previously. Students must complete all courses for each of the majors.

- [Cognitive Studies](#)
- [Computer Science](#)
- [Digital Media Production](#)
- [International Development](#)
- [Musical Cultures of the Gulf South](#)
- [Portuguese](#)
- [Social Policy and Practice](#)

Minors

- [African and African Diaspora Studies](#)
- [Architectural Studies](#)
- [Art History](#)
- [Biological Chemistry](#)
- [Biomedical Engineering](#)
- [Biomedical Engineering](#) (non majors)
- [Business](#)
- [Cell and Molecular Biology](#)
- [Chemistry](#)
- [Chinese Language](#)
- [Classical Studies](#)
- [Dance](#)
- [Economics](#)
- [Engineering Science](#)
- [English](#)
- [Environmental Earth Science](#)
- [Environmental Studies](#)
- [Film Studies](#)
- [French](#)

- [Gender and Sexuality Studies](#)
- [Geology](#)
- [German](#)
- [Greek](#)
- [History](#)
- [International Development](#)
- [Italian](#)
- [Japanese Language](#)
- [Jewish Studies](#)
- [Latin](#)
- [Latin American Studies](#)
- [Management\(offered by the school of Liberal Arts\)](#)
- [Marine Biology](#) (Biology majors)
- [Marine Biology](#) (non Biology majors)
- [Mathematics](#)
- [Medieval and Early Modern Studies](#)
- [Music](#)
- [Philosophy](#)
- [Physics](#)
- [Political Science](#)
- [Portuguese](#)
- [Psychology](#)
- [Public Health](#)
- [Public Policy](#)
- [Russian](#)
- [Sociology](#)
- [Spanish](#)
- [Social Innovation & Social Entrepreneurship](#)
- [Studio Art](#)
- [Theatre](#)
- [Urban Studies](#)

¹ major program only

Programs

- [Altman program in international Business](#)

Self-Designed Majors

A student with a 3.00 GPA may construct a unique self-designed coordinate major program of study by grouping courses from different academic departments and programs primarily in Liberal Arts. While interdisciplinary in nature, a self-designed major should be focused in the School of Liberal Arts. Self-designed major proposals require a petition to the Committee on Undergraduate Academic Requirements, which may grant approval after a review of the proposal, rationale, and proposed list of courses. Detailed instructions for preparing the proposal can be found [here](#).

Double Majors

Newcomb-Tulane College students must have a primary major in the Schools of Architecture, Business, Liberal Arts, Public Health and Tropical Medicine, or Science and Engineering. Any student may also pursue a second major. If the second major is not housed in the primary school, the student does not have to complete the school-specific core of the secondary school. Subject to approval by their advisers, students may also pursue a second major in a professional degree program; however, this option requires completing all degree requirements for the second major and obtaining the professional degree, i.e., B.S.E., B.S.M., B.S.P.H, M.Arch. (See Dual Degrees.)

Full-time students may pursue second majors or minors in the School of Continuing Studies only as a voluntary overload. The second majors available are journalism or media arts; the second minors available are journalism, Louisiana studies, graphic design, media arts, telecommunications, Web application development or website development.

Premedical and Pre-Professional Health Programs

While undergraduate students are completing the regular baccalaureate curriculum of their choice, they may work concurrently to complete the courses required to enter programs in the health professions, including dentistry, medicine, optometry, osteopathy, podiatry, and veterinary medicine. Preparation for such programs normally includes two semesters each of biology (with laboratory), general chemistry (with laboratory), organic chemistry (with laboratory), and physics (with laboratory). Many schools have additional entrance requirements including mathematics and upper-level science courses. Due to the variations in course requirements imposed by these professions, students should request specific information from schools in their fields of interest or from the health professions adviser.

Students interested in one of these professions may pursue a baccalaureate degree in any discipline. In the first three years, however, they should plan a course of study to meet the basic requirements of the professional school. Students considering a career in medically related fields should begin consulting the health professions adviser early in their undergraduate career to discuss available options in their choice of and preparation for a future profession.

Creative Premedical Scholars Program

The Creative Premedical Scholars Program seeks students who want to major in the liberal arts at Tulane and pursue a career in medicine after graduation. Successful applicants receive guaranteed admission to Tulane's School of Medicine and are not required to take the MCAT. Relieved of the pressures that often accompany preparation for the MCAT and applying to medical school, Creative Premedical Scholars are free to invest in a course of study within the humanities, arts, and social sciences

To be eligible for consideration, applicants must have a 3.6 GPA, complete a minimum of 60 credits of undergraduate coursework, and earn a B- or higher in all of the premedical science course requirements by the end of their sophomore year. The requirements are: one year each of general biology, general chemistry, organic chemistry, and physics, all with laboratories. Courses may be taken during the summer at Tulane or at another institution that has been approved by the respective departments for transfer credit. Students accepted into the program are expected to earn a BA or BFA degree in the School of Liberal Arts. Majors in the Business School, School of Science and Engineering, School of Continuing Studies, or School of Public Health are not

acceptable, though a student may pursue any minor. Students who have completed more than two years of undergraduate work or have transferred to Tulane from another university are not eligible.

Applications are due in early April of the sophomore year. Applications will be reviewed by the Creative Scholars Nominating Committee and top-ranked students will be invited to interview with the committee at the end of April. The Committee will notify applicants regarding their decision by mid-June. Creative Medical Scholars are expected to carry at least 15 credits per semester. They must also write an Honors thesis (Scholars not in the Honors program will write a thesis in their major department).

For further information please contact the Pre-Health Advisor.

<http://tulane.edu/advising/prehealth/index.cfm>

Prelaw Program

There is no standard prelaw curriculum that must be followed to qualify for admission into law school. A well-rounded education is the best preparation for the study of law, because such an education ensures exposure to a wide variety of ideas and leads to an understanding of the various social, political, economic, and cultural forces that have shaped laws and the societies they govern. Students should develop analytical reasoning and communication skills. Proficiency in writing is essential. Students considering law school are encouraged to begin consulting with the prelaw adviser early in their undergraduate career.

Prelaw Early Acceptance Program

Particularly well-motivated and well-qualified juniors may apply to the Tulane University Law School through the Prelaw Early Acceptance Program. Prelaw Early Acceptance Program candidates complete all requirements of the normal baccalaureate program, but are guaranteed admission to the Law School upon graduation. Students are expected to follow an academically rigorous program while maintaining a high level of academic performance throughout their college careers. Only students who complete all four years of college at Tulane (with the exception of the Tulane study abroad program) are eligible. (This program should not be confused with the 3+3 program, in which Tulane students are accepted to the Law School during the junior year and permitted to enroll at the Law School during what would otherwise be the student's senior year, receiving the baccalaureate degree after the first year of law school and the law degree after two additional years of law school.)

To be considered for the program, students must provide a Tulane transcript showing normal progress (at least 30 credits per year) for at least five regular, full-time semesters of Tulane coursework, and evidence of in-depth study in at least one area. Students must present a cumulative grade-point average of at least 3.400 and a score on the Law School Admission Test (LSAT) of at least 161. Applications should be submitted between October 1 of the junior year and February 1 of the senior year. The LSAT may be taken anytime between June after the sophomore year and December of the senior year. The earliest point at which the Law School will offer admission occurs after the fall semester of the junior year.

Internships for Academic Credit

Consult the individual schools' sections of this catalog for information on internships for

academic credit within a major or degree program and for policies regarding limitations on internship credit.

A one-credit internship, INTR 1990, is available to students in the College who are seeking opportunities with organizations that require interns to receive credit for their experience. INTR 1990 credit applies toward the degree but does not apply to any specific degree requirements. This course is offered only on a satisfactory/unsatisfactory basis and counts within the credit limit for S/U courses. It may be taken more than once but will count as credit toward the degree only once. Before registering, students must apply for this internship course with Associate Dean Molly Travis.

Co-Operative Education

A co-operative education program is offered for seniors in Chemical Engineering. Consult the School of Science and Engineering for details.

Independent Studies

Many departments and programs offer to a limited number of students with superior scholastic standing creative opportunities for independent study normally under the direction of full-time faculty members. The work may take the form of directed readings, laboratory or library research, or original composition. Instead of traditional class attendance, the student substitutes conferences, as needed, with the director. An independent study is a stand-alone course that may not be added to another course and may not replicate existing courses.

Graduate Work

Students in Newcomb-Tulane College with a grade-point average of at least 3.33 in their major program may register, normally in their senior year, for up to six credits of graduate-level courses, for credit toward a baccalaureate degree. Approvals from the course instructor, advisor, chair of the major department, dean of the College and dean of the school offering the course are required.

Provisional Graduate Credit

A senior who completes all baccalaureate requirements before the end of the senior year and intends to enter a Tulane University graduate program may apply for provisional graduate credit in up to, but not more than, 12 credits of graduate 6000- and 7000- level courses. These courses must be approved by the applicable department beyond the credits needed for the baccalaureate. Graduate credit for such work, if passed with a grade of B or better, will be awarded when the student is admitted to full graduate status in the applicable school, upon recommendation of the department chair and approval of the dean. These provisions do not apply to transfer of credits to or from other graduate institutions.

4+1 Programs

Tulane University has developed "4+1" programs in which students can obtain a master's degree within one year of completing the bachelor's degree. Students who pursue this option take courses in the fifth year at a substantially reduced tuition rate. Fields of study in which these programs are offered include anthropology, art history, classics, biomedical engineering, economics, environmental biology, environmental science, English, French, history, linguistics,

statistics, neuroscience, philosophy, physics, psychology, and Spanish and Portuguese. Interested students should contact their academic advisers for more information.

Graduate Programs at Tulane

ARCHITECTURE

[Tulane School of Architecture](#)

Richardson Memorial

New Orleans, LA 70118

tel 504-865-5839

fax 504-862-8798

- Master of Architecture (MArch)
- Master of Architecture I (MArch)
- Master of Architecture II (MArch)
- Master of Preservation Studies (MPS)
- Master of Sustainable Real Estate Development (MSRED)

BUSINESS

[A.B. Freeman School of Business](#)

Goldring/Woldenberg Hall I, 7 McAlister Drive

New Orleans, LA 70118

504-865-5407

- [Business Administration](#)
 - MBA
 - [Professional MBA](#)
 - Energy (MBA)
 - [Executive MBA](#)
 - Finance (MBA)
- [Accounting](#) (MACCT)
- [Finance](#) (PhD, MFin)
- Master of Management (MM)

SCIENCE & ENGINEERING

[School of Science & Engineering](#)

201 Lindy Boggs Center

New Orleans, LA 70118

tel 504-865-5764

fax 504-862-8747

- [Applied Mathematics](#) (MS)
- [Bioinnovation](#) (PhD)
- [Biomedical Engineering](#) (PhD, MS)
- [Cell & Molecular Biology](#) (PhD, MS)
- [Chemical & Biomolecular Engineering](#) (PhD, MS)
- [Chemistry](#) (PhD)

- [Computational Science](#) (MS)
- [Earth & Environmental Sciences](#) (PhD, MS)
- [Ecology & Evolutionary Biology](#) (PhD, MS)
- [Environmental Biology](#) (MS)
- [Interdisciplinary PhD Program](#) (PhD)
- [Mathematics](#) (PhD, MS)
- [Neuroscience](#) (PhD, MS)
- [Physics](#) (PhD, MS)
- [Psychology](#) (PhD, MS)
- [Statistics](#) (MS)

LIBERAL ARTS

[School of Liberal Arts](#)

104 Newcomb Hall

New Orleans, LA 70118

tel 504-865-5225

fax 504-865-5224

liberalarts@tulane.edu

- [Anthropology](#) (PhD, MA)
- Art Studio (MFA)
- [Art History](#) (MA)
- [City, Culture & Community](#) (PhD)
- [Classical Studies](#) (MA)
- [Economic Analysis & Policy](#) (PhD)
- [Economics](#) (MA)
- >English (MA)
- French (MA)
- [French Studies](#) (PhD)
- [History](#) (PhD, MA)
- [Latin American Studies](#) (PhD, MA)
- [Latin American Studies](#) & [Art History](#) (PhD)
- [Linguistics](#) (PhD, MA)
- Music (Composition, Musicology, Music Science & Technology) (MA)
- Music (Performance)(MFA)
- Musical Theater(MFA)
- [Philosophy](#) (PhD, MA)
- [Political Development](#) (PhD)
- [Sociology \(Applied Sociology\)](#) (MA)
- [Spanish & Portuguese](#) (MA, PhD)
- [Theater \(Design & Technical Production\)](#) (MFA)

[School of Professional Advancement](#)

125 Gibson Hall

New Orleans, LA 70118

504-865-5555

askscs@tulane.edu

- [Liberal Arts](#) (MLA)

INTERDISCIPLINARY

[School of Professional Advancement](#)

125 Gibson Hall
New Orleans, LA 70118
504-865-5555
askscs@tulane.edu

- [Homeland Security](#) (MPS)

[School of Liberal Arts](#)

104 Newcomb Hall
New Orleans, LA 70118
tel 504-865-5225
fax 504-865-5224
liberalarts@tulane.edu

- [City, Culture & Community](#) (PhD)
- [Economic Analysis & Policy](#) (PhD)
- [French Studies](#) (PhD)
- Interdisciplinary PhD Program (PhD)
- [Latin American Studies](#) & [Art History](#) (PhD)
- [Linguistics](#) (PhD)
- [Political Development](#) (PhD)

[School of Science & Engineering](#)

201 Lindy Boggs Center
New Orleans, LA 70118
tel 504-865-5764
fax 504-862-8747

- [Bioinnovation](#) (PhD)
- [Interdisciplinary PhD Program](#) (PhD)

Tulane Center for Aging

1430 Tulane Ave., SL-12
New Orleans, LA 70112
tel 504-988-3369
tcfa@tulane.edu

- Aging Studies (PhD)

LAW

[School of Law](#)

Weinmann Hall, 6329 Freret Street
New Orleans, LA 70118

tel 504-865-5939
fax 504-865-6748

- Juris Doctor (JD)
- Admiralty (LLM)
- Energy & Environmental Law (LLM)
- International & Comparative Law (LLM)
- [International Development \(JD/MS, MS, PhD\)](#)
- Law & Development (LLM)
- Doctor of Juridical Science (SJD)

MEDICINE

School of Medicine

1131 S. Robertson Street
New Orleans, LA 70112
tel 504-988-5462
fax 504-988-2945

- Doctor of Medicine (MD)

Graduate Medical Education

1430 Tulane Avenue, #8025
New Orleans, LA 70112
tel 504-988-5464
fax 504-988-6789

- [Residency & Fellowship Programs](#)

Graduate Program in Biomedical Sciences

1430 Tulane Avenue
New Orleans, LA 70112
tel 504-988-5226
fax 504-988-3779

- Biomedical Sciences (PhD, MS)

PUBLIC HEALTH & TROPICAL MEDICINE

[School of Public Health & Tropical Medicine](#)

1440 Canal St., Ste 2460
New Orleans, LA 70112
tel 504-988-5388
fax 504-988-0907

- [Biostatistics & Bioinformatics](#)
 - Master of Science (MS) in Biostatistics
 - Master of Science (MS) in Bioinformatics

- Master of Science in Public Health (MSPH) in Biostatistics
- Master of Science in Public Health (MSPH) in Bioinformatics
- Doctor of Philosophy (PhD) in Biostatistics & Bioinformatics
- BSPH/MSPH
- MD/MSPH
- Master's International Peace Corps Program (MSPH)
- [Epidemiology](#)
 - Master of Public Health (MPH) in Epidemiology
 - Master of Science (MS) in Epidemiology
 - Master of Science (MS) in Clinical Research
 - Master of Science (MS) in Clinical Research (Epidemiology)
 - Doctor of Public Health (DrPH) in Epidemiology
 - Doctor of Philosophy (PhD) in Epidemiology
 - BSPH/MPH
 - MD/MPH
 - Master's International Peace Corps Program (MPH)
- [Global Community Health & Behavioral Sciences](#)
 - Master of Public Health (MPH) in Community Health Sciences
 - Master of Public Health (MPH) in Health Education & Communication
 - Master of Public Health (MPH) in Maternal & Child Health
 - Master of Public Health (MPH) in Nutrition
 - Doctor of Public Health (DrPH) in Community Health Sciences
 - Doctor of Philosophy (PhD) in Global Community Health & Behavioral Sciences
 - Registered Dietician (RD)
 - BSPH/MPH
 - MD/MPH
 - MSW/MPH
 - JD/MPH
 - Master's International Peace Corps Program (MPH)
- [Global Environmental Health Sciences](#)
 - Master of Science in Public Health (MSPH) in Global Environmental Health Sciences
 - Master of Science in Public Health (MSPH) in Industrial Hygiene
 - Master of Public Health (MPH) in Disaster Management
 - Master of Public Health (MPH) in Occupational & Environmental Health
 - Master of Public Health (MPH) in Occupational Health & Safety Management
 - Doctor of Philosophy (PhD) in Global Environmental Health Sciences
 - BSPH/MPH
 - MD/MPH
 - MSW/MPH
 - JD/MPH
 - Master's International Peace Corps Program (MPH)
- [Global Health Systems & Development](#)
 - Master of Public Health (MPH) in Evaluation & Measurement
 - Master of Public Health (MPH) in Global Health Systems & Development

- Master of Public Health (MPH) in Health Systems Management & Policy
 - Master of Public Health (MPH) in International Health & Development
 - Master of Public Health (MPH) in Medical Organizations & Systems
 - Master of Public Health (MPH) in Program Design & Implementation
 - Master of Public Health (MPH) in Society, Population & Development
 - Master of Health Administration (MHA) in Health Systems Management & Policy
 - Doctor of Philosophy (PhD) in Global Health Systems & Development
 - Doctor of Science (ScD) in Health Systems Management
 - BSPH/MPH
 - MD/MPH
 - MSW/MPH
 - MBA/MHA
 - JD/MHA
 - Master's International Peace Corps Program (MPH)
- [Tropical Medicine](#)
 - Master of Science in Public Health (MSPH) in Tropical Medicine (Parasitology)
 - Master of Public Health & Tropical Medicine (MPH&TM)
 - Doctor of Philosophy (PhD) in Parasitology (Tropical Medicine)
 - Diploma in Clinical Tropical Medicine & Traveler's Health
 - BSPH/MSPH
 - MD/MPH&TM
 - Master's International Peace Corps Program (MPH)

SOCIAL WORK

School of Social Work

6823 St. Charles Avenue

New Orleans, LA 70118

tel 800-631-8234 or 504-86`5-5314

fax 504-862-8727

- [City, Culture & Community](#) (PhD)
- Social Work (DSW, MSW)

PhD Program Requirements

The general characteristics of the graduate programs of study are outlined below; but as with admissions, specific requirements for all graduate degrees, including concurrent and dual or joint degrees, may be obtained from the schools in which the programs are to be carried out. For maximum periods of time to complete requirements for these degrees, see Tenure for Degree Students.

Degree of Doctor of Philosophy

Students undertaking work for the degree of Doctor of Philosophy (Ph. D.) should understand that this degree is awarded not for an accumulation of course credits only, but for superior independent research and scholarship in the chosen field, as evidenced in the dissertation.

Admission to Degree Programs

Admission to all graduate studies programs at Tulane is on the basis of academic accomplishments and potential, regardless of race, sex, color, religion, national/ethnic origin, citizenship, marital status, sexual orientation, disability, or veteran status.

Specific admission standards are set by the individual schools or programs, but in general, only applicants who have earned an undergraduate degree from a recognized institution may be admitted if their academic records and personal attributes indicate the ability to pursue advanced study successfully. Applicants must present evidence, to the satisfaction of the department or the program committee concerned, of adequate preparation for the subjects in which they seek to specialize. All students must hold the undergraduate degree before enrolling. Only students with undergraduate averages of B or better, or with undergraduate study of otherwise certifiable equivalent quality, ordinarily are admitted.

A master's degree is not prerequisite to the beginning of study for the Doctor of Philosophy degree, but a student may be required to qualify for the master's degree while working toward the doctorate.

Prospective students should consult the graduate admissions offices of their program of interest for additional admission requirements, application deadlines, and degree requirements.

PhD Minimum Degree Requirements

The PhD is awarded not for an accumulation of course credits only, but for superior independent research and scholarship in the chosen field, as evidenced in the dissertation.

Minimum Credit Hour Requirements

The minimum credit hour requirements for the PhD are 48 credit hours; however, some programs may require additional hours of coursework.

Continuous Registration Requirement

A student admitted in a degree program must be continuously registered in a degree-granting division of the university during the academic year (exclusive of summer session) in either full-time or part-time status from the date of first registration until the awarding of the degree, unless the registration is terminated by resignation or by dismissal for academic or disciplinary reasons.

A student who has not completed the minimum coursework requirements for the degree must either enroll for a minimum of three hours per semester (exclusive of Summer Session) or register for Dissertation Research in order to maintain continuous registration. A student who has completed the minimum hours of coursework required for the degree must register for Dissertation Research (no credit hours) in order to maintain continuous registration. Some schools may require registration for a higher number of credit hours or may charge a continuous registration fee.

Failure to be continuously registered is *de facto* withdrawal and the school reserves the right not to readmit. A student who is readmitted is obligated to pay any applicable fee required to maintain continuous registration. Under exceptional circumstances a student may be granted leave by the dean of the appropriate school, and during such period of leave, a student will be considered in continuous registration without payment of fee.

Residency

A student must be in residence at Tulane for at least two semesters.

Full-Time Registration Status

Full-time status consists of registration for at least nine hours of graduate credit per semester, or a combination of coursework and equivalent academic activities such as teaching or research. PhD students must be in full-time status for at least one academic year (exclusive of summer session), though some schools and programs may require full-time status for a longer period. To hold a Tulane-sponsored fellowship, scholarship, or assistantship, a student must be in full-time status. Off-campus employment may disqualify a student from receiving a Tulane-sponsored fellowship, scholarship, or assistantship.

A student who has completed the minimum hours of coursework and is registered for Dissertation Research (no credit hours) can be classified as a full-time student with full student privileges. Schools, however, may require the department or program committee to certify that the student is engaged in academic activities equivalent to a full-time commitment.

Part-Time Registration Status

Part-time status consists of registration for less than nine hours of graduate credit without certification by the department or the program committee that the student is engaged in a full-time academic program.

Transfer Credit

Acceptance of graduate credit for work done at other graduate institutions or in another division of Tulane must be approved by the department or program concerned and by the dean of the appropriate school. In general, a maximum of 24 semester hours of transfer credit may be

accepted toward the PhD. Some programs may allow fewer transfer credits.

Tenure for Degree Students

Tenure is the maximum period of time normally permitted for the completion of all requirements for a degree, and it is determined on the basis of consecutive academic years from the date of registration for graduate study at Tulane. Tenure for the PhD degree is seven years. Tenure is not affected by registration status. Under certain circumstances, upon the recommendation of the chairperson of a student's department or program committee, the dean of the school may extend tenure, but a student whose period of graduate study is unduly prolonged or interrupted may be required to perform additional work. Tenure regulations are applicable to all degree students, regardless of date of first registration. A registration block will be imposed by the school dean for those students who are beyond their time of tenure. The registration block can only be removed with permission from the school's dean.

Dual Degree Programs

Tulane offers a number of dual degree programs with the PhD. In all instances, the requirements for the PhD degree must be maintained and satisfied in order to receive the PhD degree.

Dissertation Committees

PhD dissertation committees must consist of at least three faculty members, the majority of whom are Tulane faculty. Exceptions to this stipulation may be made by the school dean.

Admission to Candidacy

Admission to a PhD program does not constitute admission to candidacy for the PhD. To be admitted to candidacy, a student must complete certain degree requirements, as specified by each school or graduate program. See the department or program director of graduate studies for specific information.

The Prospectus

A student must write a prospectus in order to graduate. See the department or program director of graduate studies for specific requirements related to when and how a prospectus should be completed.

The Dissertation

The dissertation is the culmination of the PhD degree. It is the necessary demonstration that the candidate is worthy of taking a place among research scholars in the discipline. It must demonstrate not only mastery of the literature of the subject, but also the ability to carry on independent research that results in a genuine contribution to knowledge or an original interpretation of existing knowledge, and it must do so in a literate and lucid fashion. The dissertation committee shall pass on the acceptability of the dissertation before it is submitted in final form. Acceptability, however, is not final approval. The candidate must defend the dissertation successfully before the degree is awarded. Consult the dean of the appropriate

school or program for regulations regarding formatting of the dissertation and submission deadlines.

Students are required to submit their completed dissertation to the University's Theses and Dissertation Archives (http://library.tulane.edu/dissertations_and_theses/). Schools may require students to submit a paper copy of their dissertation.

Additional Requirements

Schools and graduate programs may have additional requirements for completion of the PhD degree. Students are advised to consult with the appropriate departmental graduate adviser or dean for this information.

Registration Policies and Procedures

Registration information for graduate students is the same as that for undergraduate students.

Change of Courses

Students wishing to add or drop courses should consult the Schedule of Classes for deadlines and instructions. Failure to make schedule adjustments promptly and accurately may result in financial or academic penalties.

Change of Departmental Program

A student who has been admitted to a degree program in one department and wishes to transfer to a program in another department must obtain the approval of the chair of both departments concerned and the approval of the dean of the school before the change is official. The necessary form for such changes is available in the dean's office of the appropriate school.

Grades

Grades are reported as follows:

A	
A-	
B+	
B	
B-	
C+	A course in which a grade of C+ or less is earned cannot be counted toward a graduate degree.
C	
C-	
D+	

D	
D-	
F	
I	Incomplete - This grade will automatically become F unless the work is made up within 30 days after the beginning of the following semester, excluding Summer School. This grade is not to be used as an automatic extension but only for unavoidable delays caused by illness or other emergencies.
R	Research - In those cases where research or experimentation, or both, cannot be completed within the 30-day limit following the end of the semester, this grade will be given to indicate this circumstance. This grade carries a different meaning from that of IP which is given at the end of the first semester of a two-semester course.
IP	In Progress - Satisfactory progress at the end of the first semester of a year-long course; grades are assigned upon completion of the course.
W	Courses may be dropped without record within six weeks of the first day of classes. Refer to Academic Calendar for exact dates each semester. Withdrawals with the grade of W after these dates may be accomplished only if the instructor notifies the dean that the student is passing and recommends permission to withdraw. WF (withdrawn failing) will be assigned if the student's work in a course is unsatisfactory at the time of withdrawal.
In some departments grades for certain courses are reported as follows:	
S	Satisfactory
U	Unsatisfactory

In some departments, grades for certain other designated courses may also be reported simply as S or U at the student's option, provided that the option is declared by the student no later than the end of the second week of class.

Medical Excuses

Students are expected to attend all classes unless they are ill or prevented from attending by exceptional circumstances. Instructors may establish policies for attendance of their classes, which are announced at the beginning of the semester. Students who find it necessary to miss class must assume responsibility for making up the work covered during that session, including quizzes, examinations, and other exercises; they also are responsible for obtaining notes on material covered in lectures or other class sessions.

Students are responsible for notifying professors about absences that result from serious illnesses, injuries, or critical personal problems. However, medical excuses are not issued by the University Health Service, except in instances of illnesses or injuries that involve hospitalization.

Required Withdrawal and Denial of Enrollment

A student may be required to withdraw from any course or from the university, temporarily or permanently, for any of the following reasons:

- Work below the standard specified by the college in which the student is enrolled.
- Violation of the honor system or other misconduct.
- Possibility of danger to the health of the student or to other students if enrollment is continued.

The university reserves the right to forbid any student's continued enrollment without assignment of reason. The school, however, will provide a student with a statement of reason in writing from the department. An appellate procedure has been established in cases involving academic performance or possible infringement of academic freedom. Schools also have appellate procedures in cases involving non-reappointment of fellowships or scholarships when the formal terms of the first award have given reasonable expectation of renewal. Such procedures may also apply to cases in which a graduate, teaching, or research assistant, is relieved of a position before the end of the term of the appointment or is not reappointed when the formal terms of the first appointment have given reasonable expectation of reappointment. Copies of these procedures are available in the dean's office of the appropriate school.

Resignation from a graduate program must be made in writing to the dean. The student who finds it necessary to withdraw or to resign should report to the dean's office to complete a withdrawal or resignation form.

Conferring of Degrees

All degrees are conferred by Tulane University. Degrees earned at the graduate level are awarded three times a year in December, May, and August. There is one commencement program each year in May. Candidates for degrees are required to complete an application for degree form on or before deadline dates, as stipulated by each school.

Dual Degree Programs

Tulane University offers a number of dual or joint degrees that are pursued as single coherent program of study. Up to 12 credit hours may be shared between the two degrees to meet Master's degree requirements and up to 24 credit hours may be shared to meet Ph.D. requirements. For joint Ph.D. programs, the requirements of the Ph.D. must be maintained and satisfied in order to receive the Ph.D. degree.

Master's Programs Requirements

The general characteristics of the graduate programs of study are outlined below; but as with admissions, specific requirements for all graduate degrees, including concurrent and dual or joint degrees, may be obtained from the schools in which the programs are to be carried out. These characteristics are specific to the MS, MA, MFA, MLA, and MPros degree programs.

Admission to Degree Programs

Admission to all graduate studies programs at Tulane is on the basis of academic accomplishments and potential, regardless of race, sex, color, religion, national/ethnic origin, citizenship, marital status, sexual orientation, disability, or veteran status.

Specific admission standards are set by the individual schools or programs, but in general, only applicants who have earned an undergraduate degree from a recognized institution may be admitted if their academic records and personal attributes indicate the ability to pursue advanced study successfully. Applicants must present evidence, to the satisfaction of the department or the program committee concerned, of adequate preparation for the subjects in which they seek to specialize. All students must hold the undergraduate degree before enrolling. Only students with undergraduate averages of B or better, or with undergraduate study of otherwise certifiable equivalent quality, ordinarily are admitted.

A master's degree is not prerequisite to the beginning of study for the Doctor of Philosophy degree, but a student may be required to qualify for the master's degree while working toward the doctorate.

Prospective students should consult the graduate admissions offices of their program of interest for additional admission requirements, application deadlines, and degree requirements.

Master's Degree Minimum Degree Requirements

Minimum Credit Hour Requirements

The minimum credit hour requirement for a non-professional Master's degree is 30 credit hours; however, some programs may require additional hours of coursework. Those programs that require 24 credit hours of coursework and a thesis for the Master's degree are in compliance with this policy.

Continuous Registration Requirements

A student admitted in a degree program must be continuously registered in a degree-granting division of the university during the academic year (exclusive of summer session) in either full-time or part-time status from the date of first registration until the awarding of the degree, unless the registration is terminated by resignation or by dismissal for academic or disciplinary reasons.

A student who has not completed the minimum coursework requirements for the degree must enroll for a minimum of three hours per semester (exclusive of Summer Session). Some schools may require registration for a higher number of credit hours or may charge a continuous

registration fee.

Failure to be continuously registered is *de facto* withdrawal and the school reserves the right not to readmit. A student who is readmitted is obligated to pay any applicable fee required to maintain continuous registration. Under exceptional circumstances a student may be granted leave by the dean of the appropriate school, and during such a period of leave will be considered in continuous registration without any payment of fee.

Full-Time Status

Full-time status consists of registration for at least nine hours of graduate credit per semester, or a combination of coursework and equivalent academic activities such as teaching or research. To hold a Tulane-sponsored fellowship, scholarship, or assistantship, a student must be in full-time status. Off-campus employment may disqualify a student from receiving a Tulane-sponsored fellowship, scholarship, or assistantship.

Part-Time Status

Part-time status consists of registration for less than nine hours of graduate credit per semester. In such cases, the department or the program committee can provide no certification that the student is engaged in a full-time academic program.

Transfer Credit

Acceptance of graduate credit for work done at other graduate institutions or in another division of Tulane must be approved by the department or program concerned, or by the dean of the appropriate school. In general, a maximum of 15 semester hours of transfer credit may be accepted toward a Master's degree. Some programs may allow fewer transfer credits and/or limit the applicability of transfer credits to degree programs.

Tenure for Degree Students

Tenure is the maximum period of time normally permitted for the completion of all requirements for a degree, and it is determined on the basis of consecutive academic years from the date of registration for graduate study at Tulane or at another institution. Tenure for the Master's degree is five years. Tenure is not affected by residence status. Under certain circumstances, upon the recommendation of the chairperson of a student's department or program committee, the dean may extend tenure, but a student whose period of graduate study is unduly prolonged or interrupted may be required to perform additional work. Tenure regulations are applicable to all degree students, regardless of date of first registration.

Dual Degree Programs

Tulane offers a number of dual degree programs with the master's degree. In all instances, the student must fulfill the requirements for each degree in order for the dual degrees to be conferred.

Thesis Requirements

If a thesis is required for the master's degree, the subject of the thesis must be in the field of major

study and must have the approval of the professor by whom the thesis is to be directed. The finished thesis must have the approval of the thesis committee.

Students are required to submit their completed theses to the University's Theses and Dissertations Archive (http://library.tulane.edu/dissertations_and_theses/). Schools may require students to submit a paper copy of their thesis.

Thesis Committees

Master's thesis committees must consist of at least three faculty members, the majority of whom are Tulane faculty. Exceptions to this stipulation may be made by the appropriate school's dean.

4+1 Master's Programs

In some programs, undergraduate students have the option of obtaining a master's degree with one additional year of study beyond the bachelor's degree (4+1). Program requirements vary, but most 4+1 degrees do not require a thesis, in which case 30 credit hours of additional coursework beyond the bachelor's level are required. Those programs that offer a thesis-based 4+1 option require 24 credit hours of coursework beyond the bachelor's level. In some cases, a modified undergraduate curriculum is required to complete the 4+1 program; e.g., enrollment during the senior year in 6000-level courses that can be applied to both the bachelor's and master's degrees. Because this may be the case, interested students are advised to consult with their program's graduate advisor prior to their junior year to obtain specific instructions for participation in the 4+1 program. Tuition for the fifth year of the 4+1 program is set by the appropriate school or program.

Additional Requirements

Schools and graduate programs may have additional requirements for completion of the master's degree. Students are advised to consult with the appropriate departmental graduate adviser or dean for this information.

Registration Policies and Procedures

Registration information for graduate students is the same as that for undergraduate students.

Change of Courses

Students wishing to add or drop courses should consult the Schedule of Classes for deadlines and instructions. Failure to make schedule adjustments promptly and accurately may result in financial or academic penalties.

Change of Departmental Program

A student who has been admitted to a degree program in one department and wishes to transfer to a program in another department must obtain the approval of the chair of both departments concerned and the approval of the dean of the school before the change is official. The necessary form for such changes is available in the dean's office.

Grades

Grades are reported as follows:

A	
A-	
B+	
B	
B-	
C+	A course in which a grade of C+ or less is earned cannot be counted toward a graduate degree.
C	
C-	
D+	
D	
D-	
F	
I	Incomplete - This grade will automatically become F unless the work is made up within 30 days after the beginning of the following semester, excluding Summer School. This grade is not to be used as an automatic extension but only for unavoidable delays caused by illness or other emergencies.
R	Research - In those cases where research or experimentation, or both, cannot be completed within the 30-day limit following the end of the semester, this grade will be given to indicate this circumstance. This grade carries a different meaning from that of IP which is given at the end of the first semester of a two-semester course.
IP	In Progress - Satisfactory progress at the end of the first semester of a year-long course; grades are assigned upon completion of the course.
W	Courses may be dropped without record within six weeks of the first day of classes. Refer to Academic Calendar for exact dates each semester. Withdrawals with the grade of W after these dates may be accomplished only if the instructor notifies the dean that the student is passing and recommends permission to withdraw. WF (withdrawn failing) will be assigned if the student's work in a course is unsatisfactory at the time of withdrawal.
In some departments grades for certain courses are reported as follows:	
S	Satisfactory
U	Unsatisfactory

In some departments, grades for certain other designated courses may also be reported simply as S or U at the student's option, provided that the option is declared by the student no later than the end of the second week of class.

Medical Excuses

Students are expected to attend all classes unless they are ill or prevented from attending by exceptional circumstances. Instructors may establish policies for attendance of their classes, which are announced at the beginning of the semester. Students who find it necessary to miss class must assume responsibility for making up the work covered during that session, including quizzes, examinations, and other exercises; they also are responsible for obtaining notes on material covered in lectures or other class sessions.

Students are responsible for notifying professors about absences that result from serious illnesses, injuries, or critical personal problems. However, medical excuses are not issued by the University Health Service, except in instances of illnesses or injuries that involve hospitalization.

Required Withdrawal and Denial of Enrollment

A student may be required to withdraw from any course or from the university, temporarily or permanently, for any of the following reasons:

- Work below the standard specified by the college in which the student is enrolled.
- Violation of the honor system or other misconduct.
- Possibility of danger to the health of the student or to other students if enrollment is continued.

The university reserves the right to forbid any student's continued enrollment without assignment of reason. The school, however, will provide a student with a statement of reason in writing from the department. An appellate procedure has been established in cases involving academic performance or possible infringement of academic freedom. Schools also have appellate procedures in cases involving non-reappointment of fellowships or scholarships when the formal terms of the first award have given reasonable expectation of renewal. Such procedures may also apply to cases in which a graduate, teaching, or research assistant, is relieved of a position before the end of the term of the appointment or is not reappointed when the formal terms of the first appointment have given reasonable expectation of reappointment. Copies of these procedures are available in the dean's office.

Resignation from a graduate program must be made in writing to the dean. The student who finds it necessary to withdraw or to resign should report to the dean's office to complete a withdrawal or resignation form.

Conferring of Degrees

All degrees are conferred by Tulane University. Degrees earned at the graduate level are awarded three times a year in December, May, and August. There is one commencement program each year in May. Candidates for degrees are required to complete an application for degree form on or before deadline dates, as stipulated by each school.

Dual Degree Programs

Tulane University offers a number of dual or joint degrees that are pursued as single coherent program of study. Up to 12 credit hours may be shared between the two degrees to meet Master's degree requirements and up to 24 credit hours may be shared to meet Ph.D. requirements. For joint Ph.D. programs, the requirements of the Ph.D. must be maintained and satisfied in order to receive the Ph.D. degree.

Policies

Rules and Regulations

Upon admission, students are held responsible for compliance with the regulations Tulane University has set forth in this catalog and in relevant school and/or program handbooks and catalogs. They should familiarize themselves with these regulations.

The university reserves the right to change any of its courses and charges without advance notice and to make such changes applicable to students already registered as well as to new students.

The Graduate Council

The [Graduate Council](#) establishes and maintains university-wide procedures, rules and standards for the Master of Arts (M.A.), Master of Fine Arts (M.F.A.), Master of Liberal Arts (M.L.A.), Master of Science (M.S.), Master of Professional Studies (M.Pros) and Doctor of Philosophy (Ph.D.) degree programs. The council approves new degree programs and major curriculum changes in existing programs, performs periodic program reviews, and advises the Senior Vice President for Academic Affairs and Provost on graduate education issues. The voting membership of Graduate Council consists of the Provost, who serves as its chair, and twelve elected faculty members each elected by a vote of the graduate faculty of their respective schools. More details on the council's membership and functions are available at: <http://tulane.edu/ogps/graduate-council.cfm>.

Graduate Studies Student Association

The [Graduate Studies Student Association \(GSSA\)](#) is responsible for addressing issues which affect graduate students university-wide, and for allocating funds for all graduate studies activities. GSSA's parent body is [GAPSA \(Graduate and Professional Student Association\)](#).

Unified Code of Graduate Student Academic Conduct

Tulane University expects students to conduct their academic endeavors with honesty and integrity. As part of the University community, graduate students have certain responsibilities regarding work that forms the basis for the evaluation of their academic achievement. Any student behavior that has the effect of interfering with the education, pursuit of knowledge, and/or a fair evaluation of the student's performance is considered a violation of the proscribed academic conduct, as set forth in the [Unified Code of Graduate Student Academic Conduct](#). The Code also outlines procedures to be followed if there is a suspected violation. Students are expected to be familiar with the Code. Principles and activities not covered by the Code may fall under the purview of university or departmental research and/or ethics committees. Questions concerning jurisdiction should be addressed to the dean of the respective school.

Code of Student Conduct

The university requires of all of its students behavior compatible with its high standards of

scholarship and conduct. By accepting admission to Tulane University, a student accepts its regulations, including the Code of Student Conduct, and acknowledges the right of the university to take conduct action, including suspension or expulsion, for conduct judged unsatisfactory or disruptive. The Vice President for Student Affairs is responsible for formulating appropriate procedures and, as set forth in the [Code of Student Conduct](#), regulations concerning student behavior and for the resolution of conduct cases.

Except as noted below, information regarding tuition and fees, residence halls and meals, financial obligations, financial aid, academic management services, short-term charitable remainder trust, and veteran's benefits is the same as for undergraduate students. See "[Financial Information](#)" for more information.

Tuition and Fees

Tuition and fees rate schedules are established at the university level; however, some fees, such as dissertator fees, are established by the individual schools or programs. Students who have assistantships are often granted tuition waivers, but fees are the responsibility of the student. Consult the graduate adviser of the appropriate school for more information on tuition and fees.

Financial Obligation to the University

No diploma or certificate of credit is given to a student who is in default of any payment due to a division of the university.

Financial Assistance

Tulane's graduate programs award their own scholarships, fellowships, and assistantships. Contact the graduate programs for information on the availability of funds and how to apply. Tulane's Financial Aid Office calculates a student's eligibility for federal aid to supplement awards made by the graduate programs.

Student Support and Services

Student Health Center (SHC)

The Student Health Center (SHC) is located on the campus and is a component of the Tulane University Health Sciences Center. Its staff provides medical, gynecologic, psychiatric, and health education services for all full-time students on the uptown campus at no charge. Part-time students may pay a modest service fee for each semester to be eligible as well.

In addition to Primary Care, Psychiatry and Stress Management Clinic, and Gynecology Clinics, there is a Men's Clinic, a Travel Clinic for advice and preventive treatment for foreign travel, and an Allergy Clinic. The SHC is open 8:30 a.m. - 5:00 p.m., Monday through Friday, and there is an Urgent Care Clinic for acute illnesses and injuries on Saturdays, 9 a.m. - 12 noon. The laboratory and pharmacy are open weekdays. A physician is on call when the clinics are closed.

Emergencies that occur on campus during the academic year are responded to by the Tulane Emergency Medical Service (TEMS), whose student volunteers are trained as emergency medical technicians that provide 24-hour a day ambulance service for the campus community. Call 865-5255, day or night. Call 862-8121, daytime Nurse Triage Express.

Services at the (SHC) are provided to students regardless of their insurance programs; however, all full-time students are required to have some form of medical insurance in case of hospitalization. Many students are no longer covered by their parents' policies, and for them Tulane has developed the option of a reasonably priced Tulane student health insurance program.

Counseling and Psychological Services (CAPS)

Counseling and Psychological Services (CAPS) provides comprehensive mental health care for the Tulane community on a short-term basis. CAPS provides services in three areas: group counseling, individual counseling, and psychiatric services including medication management.

Group counseling provides students with the opportunity of utilizing peer interaction to work toward improving themselves. CAPS will provide an array of groups to address the needs of our students. New groups will form each semester and are typically limited to 10 members.

Individual counseling from a trained professional may be needed for the challenges that college life can bring. Individual counseling is basically a collaborative effort between the student and the counselor. Our goal is to provide an open, supportive, and confidential environment to address the issues that are of concern.

CAPS psychiatrists evaluate, prescribe and manage medications, provide comprehensive treatment planning, and coordinate care/consultation with other professionals. Sometimes a student's concern requires care that is beyond that which we can provide. If this occurs, CAPS will work with the student to establish care off campus.

More information on CAPS can be on their [website](#) and the CAPS phone number is (504) 314-2277.

Goldman Office of Disability Services (ODS)

The Goldman Office of Disability Services (ODS) is committed to providing equal access and a friendly environment for all who study and work at Tulane University. Modifications to the academic or work environment can be offered to students with registered disabilities. Accommodations are provided to students with documented disabilities so that persons are viewed according to their abilities rather than their disabilities, ensuring a fully accessible University experience. Our philosophy is one that promotes self-advocacy and self-awareness in our clientele, helping to maximize an individual's potential while developing and maintaining a sense of independence. It is the policy and practice of Tulane University to comply with the Americans with Disabilities Act (Pub. L. No. 101-336), Section 504 of the Rehabilitation Act of 1973 (Pub. L. No. 93-112, & 504, as amended), and state and local requirements regarding individuals with disabilities. Under these laws, no qualified individual with a disability shall be denied access to or participation in services, programs, and activities of Tulane University. Through outreach and education, ODS promotes access and awareness to all members of our University community.

More information on ODS can be found on their [website](#) and the ODS phone number is (504) 862-8433.

The Tulane Office of International Students and Scholars (OISS) assists international students, scholars, faculty and staff to secure and maintain their appropriate immigration status; to become comfortable in the culture and successfully integrate into the university and the larger New Orleans community; to succeed at Tulane academically, professionally, and personally; and to ensure that Tulane remains in compliance with US immigration regulations.

Office of International Students and Scholars (OISS)

At the request of Tulane admissions offices and departments, OISS creates and provides to foreign nationals coming to Tulane the immigration documentation they need to obtain F, J, or H visas to legally enter the US and engage in study, research or work. The office also notifies Tulane internationals of changes in immigration regulations and regularly reminds them of the specific obligations they have to avoid immigration problems.

One of the important objectives of OISS is to introduce international students and scholars to Tulane, New Orleans, and the United States, enabling them to better understand the cultures and to feel more comfortable during their time here. We offer a variety of excursions and programs over the course of the academic year. Through our weekly e-mail digest we communicate with the Tulane international community about events on and off campus, policy matters, and deadlines of interest.

More information can be found on their [website](#) and the OISS phone number is (504) 865-5208.

Tulane Academic Success center Center

The Tulane Academic Success Center provides comprehensive academic support to meet the needs of a neurodiverse student population. Services include [writing support](#), [tutoring](#), supplemental instruction, and peer coaching led by the Academic Success Peer Educators. Success Coaching offers one/one regular meetings with a professional staff member. Meetings are centered on time management, study strategies, stress management, motivation, etc. In order to determine whether or not success coaching would be appropriate for you please contact Michele Oelking, MSW, CPC, Assistant Director Academic Advising-Special Populations, at

504.314.2216 or moelking@tulane.edu. For incoming students we encourage early applications to success coaching as the program reaches capacity by the midterm. You can apply now or visit the website- success.tulane.edu. Watch a video to see how coaching can impact your success.

Career Services Center (CSC)

The Tulane Career Services Center (CSC), offers programs and services that encourage students to explore careers, learn and apply career decision-making skills, gain professional experiences while enrolled at Tulane, and, promotes interaction among students and members of professional communities. The Center embraces a career coaching model that allows staff to work with students in an outcomes-focused manner throughout their Tulane years. By offering a comprehensive career decision-making and career-planning instructional program, students are presented with opportunities and support systems that engage them actively in their own career management. Center staff work with students to help with self assessments, market and occupational exploration, gaining experiences through internships, assistant ships, and community service and developing job search strategies.

Students can take advantage of career planning courses, job search workshops, career panels, individual career coaching, externships, internships, job fairs, and on- and off-campus recruiting programs. Students can also utilize several web-based career guidance and job searching programs hosted and monitored by the office. Alumni and friends of Tulane extend the services of the office by reaching out to Tulane students as internship hosts, mentors, and career coaches.

To find out more about the CSC visit <http://hiretulane grads.com>, stop by the CSC offices in the Collins C. Diboll Complex, or call at 504-865-5107.

Technology Services

Technology Services provides information technology services that meet the needs of the Tulane University community and enables Tulane's mission by delivering technology solutions that support achieving institutional goals and objectives. Technology Services issues Tulane technology accounts to all students upon admission. These accounts enable students to register for classes, check email and access online services while attending Tulane.

Detailed descriptions of the services provided are available at the Technology Services website: <http://tulane.edu/tsweb>.

Students have access to the Tulane Wireless network throughout campus through the eduroam wireless network. To connect, use your Tulane email username with "@tulane.edu" and password. Other devices such as gaming consoles must be registered online before they can connect to the internet. To register your device, please go to <https://tuwac.tcs.tulane.edu>. In addition, students in residence halls may connect to the wired Ethernet network; there is one Ethernet port per student in each room. Support for any technology issue is available to students at the Tulane Help Desk at 8888 on the Uptown Campus, 8-8888 on the Health Sciences Center campus or off-campus at 1-866-276-1428. Support analysts are available 24 hours a day, 7 days a week.

Policies and Procedures

The use of Tulane University network and computing facilities is bound by the terms of the [Acceptable Use Policy](#). Students are required to read, understand and abide by this and other

guidelines and policies located at <http://tulane.edu/tsweb/security/guidelines-and-recommendations.cfm>.

Libraries

The general collections provide a core of resources in the humanities, social sciences, and science and engineering. This includes millions of print volumes in the main library building (Howard-Tilton) and at a large off-site storage facility. It also includes non-print formats at the main library such as microforms and music or media recordings. The Latin American Library, located on the 4th floor of the main library, is among the world's foremost library collections for Latin American studies. The Music & Media Center, also on the fourth floor, is the primary service point for music reference, sound recordings, and video recordings.

[Howard-Tilton Memorial Library](#) today maintains a large array of digital resources that includes many thousands of ejournals, ebooks, and hundreds of databases full of current research material or historical content. The library is also actively digitizing selected portions of its own unique collections.

Special Collections are located in Jones Hall across from the main library building and each collection is a major cultural resource on its own. Included are the Louisiana Research Collections, the William Ranson Hogan Jazz Archive, the Southeastern Architectural Archive, and University Archives.

Other Tulane libraries include: Amistad Research Center in Tilton Hall; Turchin Business Library in Goldring/Woldenberg Hall; Rudolph Matas Library of the Health Sciences, on the downtown campus; Koch Library of Botany in Stanley Thomas Hall; Law Library in Weinmann Hall; Math Library in Gibson Hall; and the Vorhoff Library, a resource on women, gender issues, and culinary history.

Student Life

Residence Halls

The university strives to provide an atmosphere in which students may realize their individual intellectual, social and cultural potential. Each residence hall is supervised by an area director, an assistant resident director, and a staff of resident advisors. Residents are encouraged to participate in a variety of hall activities including the Residence Hall Association, educational programs, intramural sports, and many social activities.

First and second year students under 21 years of age not residing locally with their parents are required to live on campus. All first- and second-year students living in the residence halls are required to subscribe to a meal plan. Resident first-year students are not permitted to have automobiles on campus. Returning students apply for residence through the annual room selection process each spring for the subsequent academic year. Transfer students may apply for housing with the application included in their acceptance packet, but they are housed on a space available basis.

Juniors and seniors may apply for residence in on-campus apartments, the Aron Residences. This complex of residences for juniors and seniors combines the convenience of on-campus living with the comfort and privacy of apartment life. Juniors and seniors may live off campus.

Married and graduate students may apply for apartments.

Student residents may use the residence halls during regular academic semesters. The university reserves the right to use the rooms at other times. Items may not be left in the rooms during the summer break nor is storage available on campus. Residence hall rentals are nine-month contractual obligations and ordinarily are not refundable. Correspondence should be addressed to the Department of Housing and Residence Life.

School of Architecture Courses

[ARCH 2322 Digital Media Workshop I](#)

Digital Media Workshop I

Each one-credit course in the digital media workshop series provides intermediate and/or advanced instruction in digital media tools and techniques in coordination with its co-required second or third-year architectural design studio course.

Pre-requisites: ARCH 2311 Digital Media

Co-requisites: ARCH 2022 Architecture Studio

credit hours: 1

[ARCH 3331 Digital Media Workshop II](#)

Digital Media Workshop II

Each one-credit course in the digital media workshop series provides intermediate and/or advanced instruction in digital media tools and techniques in coordination with its co-required second or third-year architectural design studio course.

Pre-requisites: ARCH 2322 Digital Media Workshop I

Co-requisites: ARCH 3031 Architecture Studio

credit hours: 1

[ARCH 3332 Digital Media Workshop III](#)

Digital Media Workshop III

Each one-credit course in the digital media workshop series provides intermediate and/or advanced instruction in digital media tools and techniques in coordination with its co-required second or third-year architectural design studio course.

Pre-requisites: ARCH 3331 Digital Media Workshop II

Co-requisites: ARCH 3032 Architecture Studio

credit hours: 1

[ARCH 1011 Architecture Studio](#)

Architecture Studio

As an introduction to the basic fundamental methods and principles of architectural design, students are given an immediate experience of the design process, developing their capacity to conceive, manipulate and analyze architectural form and space. An emphasis on verbal skills, and graphic and material techniques for architectural representation, enable students to express and communicate their ideas. The studio develops the students' capacity for critical thinking through constructive evaluation.

credit hours: 6

[ARCH 1012 Architecture Studio](#)

Architecture Studio

As an introduction to the basic fundamental methods and principles of architectural design, students are given an immediate experience of the design process, developing their capacity to conceive, manipulate and analyze architectural form and space. An emphasis on verbal skills, and graphic and material techniques for architectural representation, enable students to express and communicate their ideas. The studio develops the students' capacity for critical thinking through constructive evaluation.

credit hours: 6

ARCH 2021 Architecture Studio

Architecture Studio

Second year studio concentrates on developed architectural form and design methodologies through processes of analysis, synthesis and transformation. Students work on the conceptual frameworks for their designs, with emphasis on issues of environmental context, urban design, and cultural and technological systems and their impact on architectural form. Different approaches to the making of form are investigated, along with principles of organization, such as spatial hierarchy, circulation, structure, and site relationships. Second semester will emphasize the relationship of design to cultural precedents, site conditions, programs, and material tectonics through the study of housing. Second year studios will be fully integrated with digital media classes to ensure that students gain fluency in computer aided design processes, drawing, spatial modeling and digital design techniques.

credit hours: 6

ARCH 2022 Architecture Studio

Architecture Studio

Second year studio concentrates on developed architectural form and design methodologies through processes of analysis, synthesis and transformation. Students work on the conceptual frameworks for their designs, with emphasis on issues of environmental context, urban design, and cultural and technological systems and their impact on architectural form. Different approaches to the making of form are investigated, along with principles of organization, such as spatial hierarchy, circulation, structure, and site relationships. Second semester will emphasize the relationship of design to cultural precedents, site conditions, programs, and material tectonics through the study of housing. Second year studios will be fully integrated with digital media classes to ensure that students gain fluency in computer aided design processes, drawing, spatial modeling and digital design techniques.

credit hours: 6

ARCH 3031 Architecture Studio

Architecture Studio

The first semester of third year will introduce students to urbanism and the city, focusing on the larger environmental context for architectural design. The second semester of third year is the culmination of the required studio sequence and is fully integrated with coursework in history/theory, technology, visual/digital media and professional concerns. Architecture 320 provides an opportunity for the student to synthesize the skills and ideas developed through two and a half years of work and apply these to the comprehensive development of a design project. Students will engage in a complex architectural project situated within an urban environment. The studio will include analysis and design at the scale of the neighborhood or the city, as well as thorough and detailed design of a large building with a complex program. Emphasis is placed on a comprehensive process including the thorough analysis of site issues and architectural precedents, detailed design development of the project, and the coordination and integration of structural, environmental and material systems in the design-work. Students will also develop skills in programming, building information modeling and management, digital fabrication methods and the production of complex digital models and working drawings through fully integrated coursework which will act as a support for the design process.

credit hours: 6

ARCH 3032 Architecture Studio

Architecture Studio

The first semester of third year will introduce students to urbanism and the city, focusing on the larger environmental context for architectural design. The second semester of third year is the culmination of the required studio sequence and is fully integrated with coursework in history/theory, technology, visual/digital media and professional concerns. Architecture 320 provides an opportunity for the student to synthesize the skills and ideas developed through two and a half years of work and apply these to the comprehensive development of a design project. Students will engage in a complex architectural project situated within an urban environment. The studio will include analysis and design at the scale of the neighborhood or the city, as well as thorough and detailed design of a large building with a complex program. Emphasis is placed on a comprehensive process including the thorough analysis of site issues and architectural precedents, detailed design development of the project, and the coordination and integration of structural, environmental and material systems in the design-work. Students will also develop skills in programming, building information modeling and management, digital fabrication methods and the production of complex digital models and working drawings through fully integrated coursework which will act as a support for the design process.

credit hours: 6

ARCH 4041 Advanced Studio Elective

Advanced Studio Elective

Once having completed the core comprehensive design curriculum in the first three years, in the fourth year students are encouraged to engage the city, both locally and globally, by taking one design studio at the Tulane City Center, and a second studio either as part of a semester abroad travel program or as an advanced elective studio. TCC studios, such as URBANbuild, will range in focus from urban design and landscape issues to housing and design-build. These studios, which provide a larger context for architecture, will introduce students to real projects that engage the fabric of the city while emphasizing the importance of professional service and social responsibility. In travel abroad programs (refer to section on International Study) students will have the opportunity to study architecture within foreign environmental contexts, to explore cities and individual buildings as complex cultural artifacts. Advanced elective studios, taught by both fulltime and visiting faculty, offer a range of topics and projects which explore a variety of architectural issues and areas of research. Students choose elective studios that suit their interests, needs and goals, in order to focus their studies while gaining experience within a broader cultural and disciplinary field. This concentration develops areas of expertise beneficial to future professional growth.

credit hours: 6

ARCH 4042 Advanced Studio Elective

Advanced Studio Elective

Once having completed the core comprehensive design curriculum in the first three years, in the fourth year students are encouraged to engage the city, both locally and globally, by taking one design studio at the Tulane City Center, and a second studio either as part of a semester abroad travel program or as an advanced elective studio. TCC studios, such as URBANbuild, will range in focus from urban design and landscape issues to housing and design-build. These studios, which provide a larger context for architecture, will introduce students to real projects that engage the fabric of the city while emphasizing the importance of professional service and social responsibility. In travel abroad programs (refer to section on International Study) students will have the opportunity to study architecture within foreign environmental contexts, to explore cities and individual buildings as complex cultural artifacts. Advanced elective studios, taught by both fulltime and visiting faculty, offer a range of topics and projects which explore a variety of

architectural issues and areas of research. Students choose elective studios that suit their interests, needs and goals, in order to focus their studies while gaining experience within a broader cultural and disciplinary field. This concentration develops areas of expertise beneficial to future professional growth.

credit hours: 6

ARCH 5990 Thesis Studio

Thesis Studio

The final degree project is the culmination of the architectural design curriculum and the capstone project for architecture students. Students undertake one of three streams for their final research and design project: Thesis Studio, Research Studio or an Advanced Integrated Studio. Students who elect to do an independent Thesis Studio must fulfill specific academic requirements (see section on policy), have prepared a thesis proposal by the beginning of the fall semester, and have approval for this proposal by the thesis directors. Independent Research Theses may also be undertaken by those students who have a demonstrated record of academic excellence (with a cumulative and design grade point average of 3.6-4.0), and have prepared a research proposal approved in advance both by a faculty sponsor and the thesis directors. Each of the curricular streams for the Master of Architecture Thesis will consist of DSGN 5100: Thesis Research + Analysis and DSGN 5200: Thesis Design Studio.

credit hours: 6

ARCH 6990 Thesis Studio

Thesis Studio

The final degree project is the culmination of the architectural design curriculum and the capstone project for architecture students. Students undertake one of three streams for their final research and design project: Thesis Studio, Research Studio or an Advanced Integrated Studio. Students who elect to do an independent Thesis Studio must fulfill specific academic requirements (see section on policy), have prepared a thesis proposal by the beginning of the fall semester, and have approval for this proposal by the thesis directors. Independent Research Theses may also be undertaken by those students who have a demonstrated record of academic excellence (with a cumulative and design grade point average of 3.6-4.0), and have prepared a research proposal approved in advance both by a faculty sponsor and the thesis directors. Each of the curricular streams for the Master of Architecture Thesis will consist of DSGN 5100: Thesis Research + Analysis and DSGN 5200: Thesis Design Studio.

credit hours: 6

ARCH 1121 History and Theory of Architecture and Urbanism I

History and Theory of Architecture and Urbanism I

Discover the foundation and evolution of architectural tradition in this survey course, starting with prehistoric developments in Europe and continuing through the medieval period. This course is global in focus, including both Western and non-Western developments. The survey highlights a variety of aspects of the built environment such as architecture, urban settlements and landscapes. Coursework investigates monumental civic architecture, religious structures, as well as domestic buildings, the urban form, and architectural theory.

credit hours: 3

ARCH 2122 History and Theory of Architecture and Urbanism II

History and Theory of Architecture and Urbanism II

The course covers the period from the Enlightenment through the early-Modern and high-Modern

periods. While the course will emphasize the late-eighteenth (Enlightenment) creation of canonical pedagogies and strategies as foundational texts, it will also include nineteenth-century urbanism and landscapes, both of which condition the formation of material culture in the early- and mid-twentieth centuries. The course is written expressly for students of architecture; we will concentrate not only on the identification and formation of urban artifacts, buildings, architects, and movements, but also on the social, political, and historical context surrounding their genesis and development. The course material is presented according to successive themes, thereby facilitating not only an emphasis on the artifacts and their context, but also on the discourse that supports architecture as a discipline. These themes provide insight into the various motivations and ideas, upon which the history of Modern Architecture rests. In presenting the material in this manner, it is hoped that students will understand that history--in particular the history embedded in the material of architecture--indeed resonates through time, becoming relevant and vital to the genesis and formation of current and future architectural discourse.

credit hours: 3

ARCH 3644 Philosophies of Architecture

Philosophies of Architecture

This seminar begins with a consideration of philosophy as a foundation for the development of an architectural theory. After a discussion of some basic concepts and terms we sketch a broad outline of the categories and organization of the discipline of philosophy. We then study the rationalist and empiricist positions in architectural theory, the emergence of Kantian critical philosophy, the shift in emphasis in 20th century philosophy from epistemology to ontology that is characteristic of Existentialism, and the late 20th century attack on traditional epistemology characteristic of poststructuralism. We then discuss the emergence of literary theory as a paradigmatic discipline in the last 30 years as well as the expansion of western philosophy to include aspects of Zen Buddhism, Taoism, and eastern mystical traditions. With this foundation, the course focuses more specifically on theories of architecture and aesthetics and their relationships to various philosophical positions.

credit hours: 3

ARCH 6121 History and Theory of Architecture and Urbanism I

History and Theory of Architecture and Urbanism I

Discover the foundation and evolution of architectural tradition in this survey course, starting with prehistoric developments in Europe and continuing through the medieval period. This course is global in focus, including both Western and non-Western developments. The survey highlights a variety of aspects of the built environment such as architecture, urban settlements and landscapes. Coursework investigates monumental civic architecture, religious structures, as well as domestic buildings, the urban form, and architectural theory.

credit hours: 3

ARCH 6122 History and Theory of Architecture and Urbanism II

History and Theory of Architecture and Urbanism II

The course covers the period from the Enlightenment through the early-Modern and high-Modern periods. While the course will emphasize the late-eighteenth (Enlightenment) creation of canonical pedagogies and strategies as foundational texts, it will also include nineteenth-century urbanism and landscapes, both of which condition the formation of material culture in the early- and mid-twentieth centuries. The course is written expressly for students of architecture; we will concentrate not only on the identification and formation of urban artifacts, buildings, architects, and movements, but also on the social, political, and historical context surrounding their genesis

and development. The course material is presented according to successive themes, thereby facilitating not only an emphasis on the artifacts and their context, but also on the discourse that supports architecture as a discipline. These themes provide insight into the various motivations and ideas, upon which the history of Modern Architecture rests. In presenting the material in this manner, it is hoped that students will understand that history--in particular the history embedded in the material of architecture--indeed resonates through time, becoming relevant and vital to the genesis and formation of current and future architectural discourse.

credit hours: 3

ARCH 6771 Urban Planing in Latin America

Urban Planing in Latin America

A study of the development of the major cities of Latin America and particularly on the role that architecture and urbanism played in creating images of colonial power and, later, urban modernity. Emphasizes selected Latin American cities that have experienced significant immigration after 1880 and in which questions of cultural identity have loomed large: Havana, Mexico City, Montevideo, Santiago de Chile, Lima, San Paulo, Rio de Janeiro, and Buenos Aires.

credit hours: 3

ADGM 4100 Digital Media IV: Digital Fabrication

Digital Media IV: Digital Fabrication

An introductory course to digital fabrication technologies such as 3D printing, CNC milling and laser cutting. Students will learn about the relationship between detail design and new technologies for modeling, prototype development and fabrication.

Co-requisites: Integrated with DSGN 3200.

credit hours: 3

ADGM 6100 Advanced Digital Media

Advanced Digital Media

An advanced digital media course focusing on parametric geometry modeling and advanced animation techniques. The course will introduce both 2D and 3D form generation methodology as a way of exploring a co-authored design process. Contemporary digital theory will frame various investigations into issues of complexity, iteration, patterning and surface modulation.

credit hours: 3

ADGM 6110 Advanced Techniques in Digital Representation

Advanced Techniques in Digital Representation

The class will explore various methods for organizing 3D model information and extracting and producing clear 2D data/drawings from the 3D database. The course will involve constructing and presenting geometrically complex 3 dimensional models and the transformation of these models into construction and fabrication drawings. Students will be expected to already have ACAD and 3d modeling skills. The class will be a combination of lab work, class lectures, and presentations.

Pre-requistites: 3100 Digital Media I or 3200 Digital Media II or equivalent computer drawing and modeling skills: 2D: ACAD; 3D: RHINO, Maya or For

credit hours: 3

ADGM 6200 Advanced Digital Fabrication

Advanced Digital Fabrication

This course is devoted to the design and fabrication of a structure/space using digital fabrication technologies such as 3D printing, CNC milling and laser cutting. The course will focus on the design, development of construction of a full scale prototype using digital techniques for analysis and fabrication, focusing on the transition between computer modeling and its materialization.

credit hours: 3

ADGM 6300 Theories in Digital Media

Theories in Digital Media

This course is devoted to the reading and analysis of key theoretical and critical texts of the recent past related to digital media and information age technology. The focus of the course is the conceptual and formal ideas associated with computation, their application and development.

credit hours: 3

ARCH 2311 Digital Media

Digital Media

An introductory course to 3D digital media concepts and techniques with a focus on the fundamental aspects of the Computer Aided Design process. Framed by a general introduction to digital media theory, students will gain fluency in a variety of software applications for the purpose of expanding the architectural design process. Specific emphasis is placed on the role of the computer as a tool for analysis, spatial investigation, and representation. Basic 3D modeling software such as AutoCad, Form.z and Rhino, will constitute the majority of course content.

credit hours: 3

PRST 6410 US Preservation Field Studies and Advocacy

US Preservation Field Studies and Advocacy

This course will examine preservation advocacy, using field trips and guest lecturers. Students will learn about methods for the application of historic preservation law and practice within the United States and its effects. Speakers and site visits will represent a range of constituencies from citizens leading grass-roots advocacy efforts to save buildings or neighborhoods to the work of local organizations, to the work of state and federal organizations. Field trips to local organizations will likely include the Preservation Resource Center, the Pitot House, Felicity Street Redevelopment, Tulane City Center, the State Historic Preservation Office in Baton Rouge, and the annual conference of the National Trust for Historic Preservation. The Field Studies in North America course requires participation at an annual national historic preservation conference in the United States or Canada such those conducted by the US National Trust for Historic Preservation, the International Association of Preservation Technology or the US/International Council on Monuments and Sites.

credit hours: 3

PRST 6420 Field Studies-Latin America

Field Studies-Latin America

credit hours: 3

PRST 6510 Building Preservation Studio

Building Preservation Studio

This studio is the beginning orientation course that examines all aspects of preservation concerns related to the individual building or group of buildings. The student will learn how to analyze the condition of the building(s) and its (their) context. The studio will examine the

differences between building stabilization, adaptive reuse, renovation and restoration. A travel and research component will use real life experiences to illustrate the interdisciplinary nature of preservation in the Americas. An internship in an area of personal choice (such as house museum, community action organization, governmental agency, heritage education or community renewal program) will be developed during this studio.

credit hours: 6

PRST 6520 Studio in Environmental Conservation

Studio in Environmental Conservation

Students will do extensive field work to learn analysis, documentation, interpretation and the techniques required for neighborhood, community and general environmental renewal. Basic land use controls, urban design and planning components and developmental alternatives as related to preservation and conservation concerns will be investigated. The role played by landscape and natural systems will be investigated as they relate to the evolution and future opportunities of both rural and urban contexts.

credit hours: 6

PRST 6530 Internship

Internship

A sixty hour internship with an approved preservation agency such as the Preservation Resource Center of New Orleans, the South Eastern Architecture Archive at Tulane, the NEW Orleans Historic District Landmarks Commission, the Vieux Carre Commission, the Historic New Orleans Collection or some similar entity will provide the student with hands on experience, research opportunities, archival work, public service and heritage education opportunities. The internship can be performed at anytime during the course of academic studies. It will require a contract that defines the activities of the internship and a letter of successful completion from the Director of the chosen agency. The internship will be coordinated by the Director of the Preservation Studies Program and an adviser.

credit hours: 1

PRST 6610 History of Architecture of the Americas I

History of Architecture of the Americas I

This course will investigate the Pre-Columbian world of the Americas through the Colonial Period. Landscape, decorative arts and furniture will be surveyed. Design, theory, and their influences will be considered. The course will utilize examples of preservation and conservation projects to illustrate the changes in architectural styles over time and the special issues and challenges that have been created. Individual and group projects and reports will develop public presentation skills.

credit hours: 3

PRST 6620 History of the Architecture of the Americas II

History of the Architecture of the Americas II

This course will focus on the natural and built world of the Americas during the 19th and 20th centuries. Pattern books, interior design, landscape, and urban design theories will be investigated through careful studies of preservation and conservation. Group discussion and individual presentation of research projects will allow the student to integrate their research findings in a public format.

credit hours: 3

PRST 6710 Introduction to Preservation Studies

Introduction to Preservation Studies

Through this course, the history of the preservation movement in the Americas will be studied to understand the theoretical, ethical, and philosophical concepts and ideas that will render the physical activity of restoration valid. Values and attitudes of the various cultural groups and settings in the Americas will be reviewed. The role played by preservation philosophies and theories of European and Oriental context will be studied.

credit hours: 3

PRST 6720 Preservation Technology

Preservation Technology

This course will study the highly complex construction methods and systems ranging from traditional rammed earth systems, sun dried bricks, fired bricks, stone and wood, to the new materials developed since the industrial revolution (i.e., iron and steel, reinforced concrete, petrochemical based materials). Understanding the process of procuring construction materials and production, will allow the student to understand the process of deterioration which eventually leads to the need of understanding Preservation Technology.

credit hours: 3

PRST 6900 Practicum

Practicum

The Practicum for the Master of Preservation Studies program is an alternative option to the Thesis requirement an important part of the MPS course of study. The Practicum is expected to be a concentrated and valuable work experience that the student chooses that must relate to the field of historic preservation. Its accomplishment must entail 480 hours (three months, full-time) unpaid work with an organization. There is wide scope with regard to the possible organizations and locations for students to pursue their practicum experience. With prior approval, students may receive a small stipend or honorarium. Organization of the Practicum experience is the student's responsibility and must be done in cooperation with the organization that invites your participation and your advisor.

credit hours: 6

PRST 6920 Preservation Thesis

Preservation Thesis

The Thesis for the MSP program is a major course within the MPS program since it calls upon most of what a student has learned during his or her graduate school experience. There is wide scope with regard to possible topic choices and the location of a thesis subject can be anywhere, although if your thesis is site-specific you must have some first hand knowledge of the place by the end of the preceding semester. The thesis topic must relate to the field of historic preservation and its contents should be based mostly on primary research.

credit hours: 6

APEC 4100 Professional Concerns I: The Context Of Practice

Professional Concerns I: The Context Of Practice

An overview of professional concerns through examination of the history of the profession and the activities, services, markets, clients, and organization of professional firms. Issues relating to project management, marketing, and the economic base of architectural practice, as well as ethical issues confronting individual practitioners and the profession at large.

credit hours: 3

APEC 4200 Professional Concerns II: Advanced Project Management: (BIM) Building Information Modeling and Architectural Programming

Professional Concerns II: Advanced Project Management: (BIM) Building Information Modeling and Architectural Programming

Issues of practice management, including topics in building programming, project management and the management of information systems and software related to building such as BIM or Building Information Modeling. This approach to design process documentation and development of construction documents is currently the main focus of most of the developers of CAD systems for the profession. The principal idea behind the use of BIM based systems is the embedding of relevant information in parametric modeling systems. This allows the designer to track aspects of the design process ranging from fabrication and manufacturing information to physical properties to related spec data to detailing requirements to cost estimating.

Co-requisites: DSGN 302.

credit hours: 3

APEC 4910 Architectural Branding

Architectural Branding

This seminar intends to analyze current trends in marketing and design through studying current media sources related to marketing, branding, advertising, culture and global consumerism, in order to gain a better understanding of the role of marketing in our everyday lives, and the active role that brands play in our society - iconic vs. themed, authentic vs. simulated. Branding extends far beyond products to incorporate individual identity, personal and shared experiences, and the contemporary urban landscape. Products, communications, and environments speak to and influence lifestyles and identity. Marketing professionals, designers and architects infuse products and their spatial extensions with value. They connect with the consumer through strategies that utilize research, analysis, design and communication tools.

credit hours: 3

APEC 6100 Ethics, Efficacy and Architecture in the Globalized Economy

Ethics, Efficacy and Architecture in the Globalized Economy

The course is an interdisciplinary seminar, deliberately crossing the boundaries among theory, professional practice and pedagogical studies, and considering the significance for architecture of issues in economics, sociology, criminology, political science, and intellectual history. This broad scope is essential in addressing paradigms of value and action as they constitute ethical (or counter-ethical) models within architectural practice, education and criticism in an increasing globalized economy and professional context. We will examine the political economy of the relations between practitioners and critics, between publications and public relations, intellectual ethics and democratic practices.

credit hours: 3

APEC 6110 Studies in Contemporary Practice

Studies in Contemporary Practice

Taking a moderate, albeit speculative approach, this course focuses on the manifold internal and external contexts that inform architectural practice and education. These include the history and development of the profession and education practices, the role of technology, the impact of litigation and contemporary culture; economic drivers' and wealth creation; management practices; the social underpinnings of architectural education and practice; and the various criteria pursuant to the mantle of professional practitioner.' The course concludes with a significant case studies component, where those firms that exhibit a particular typology' of

practice are analyzed in light of the issues addressed over the course of the term.

credit hours: 3

APEC 6200 Legal Concerns of Architecture

Legal Concerns of Architecture

The legal aspects of architectural practice, including the rights and obligation of architects, their professional engineering consultants, owners, contractors, subcontractors, material men and suppliers, to one another and to third persons. The course includes specific topics such as professional registration, professional liability insurance, contract information, conditions of construction contracts, claims normally encountered and methods of dispute resolutions, lien rights and copyrights.

Notes: The general subject matter of this course forms part of state licensing examinations and is essential for practicing architects.

credit hours: 3

APEC 6300 Architects and Social Engagement

Architects and Social Engagement

A critical perspective is presented in relation to theories, goals, strategies, and skills needed to successfully develop criteria upon which buildings are planned, designed, evaluated, and modified across their life. Topics covered include the assessment of occupant and organizational needs, ethical concerns in architecture, imperatives for social engagement, the influence of culture and society, methods for involving clients and other constituencies in the development of performance criteria, the determination of square foot requirements, and conceptual narratives. Other topics covered include site and master planning, design guidelines, trade offs, pre-manufactured FEMA housing for disaster victims, post-occupancy evaluation (POE), strategic planning, sustainable design as it relates to social accountability in architecture, and the stewardship of the built environment as a finite resource.

credit hours: 3

APFC 4910 Architectural Branding

Architectural Branding

This seminar intends to analyze current trends in marketing and design through studying current media sources related to marketing, branding, advertising, culture and global consumerism, in order to gain a better understanding of the role of marketing in our everyday lives, and the active role that brands play in our society - iconic vs. themed, authentic vs. simulated. Branding extends far beyond products to incorporate individual identity, personal and shared experiences, and the contemporary urban landscape. Products, communications, and environments speak to and influence lifestyles and identity. Marketing professionals, designers and architects infuse products and their spatial extensions with value. They connect with the consumer through strategies that utilize research, analysis, design and communication tools.

credit hours: 3

SISE 2010 Introduction to Social Innovation and Social Entrepreneurship

Introduction to Social Innovation and Social Entrepreneurship

The introductory class gives students an appreciation for the field of social entrepreneurship and introduces students to several helpful frameworks that will be used in subsequent classes.

Students will examine key concepts and the historical context, understand current theories and debates about social change, and discuss case studies of social entrepreneurs. The class will address two overarching tenets of SISE: Social impact can best be created by moving away from

the current divisive approach of separate sectors and towards blended models that connect and combine sectors in new ways Social mission and social impact are the primary focus - understanding what your mission is, and how you create the greatest social impact, is key.
credit hours: 3

SISE 2020 Introduction to Business Principles and Methods

Introduction to Business Principles and Methods

This course assumes no prior background in business concepts and is open to declared SISE minors who have completed SISE 2010. The course is designed to give students basic competence in understanding and analyzing the core elements of sustainable business models. Through this course, students will gain a working vocabulary, theoretical toolkit, and fundamental technical skillset for operating in a business environment. Topics include accounting, finance, strategy, marketing, sales, operations, organizational structure and management.

Notes: Not required for business majors or minors.

credit hours: 3

SISE 3010 Design Thinking for Collective Impact

Design Thinking for Collective Impact

This course is a practical, experience-based introduction to design-thinking tools and techniques for SISE undergraduate minors from diverse departments across campus. Students will be exposed to applied research, ideation and problem-solving tools adapted from human-centered design and architecture. Using New Orleans as a laboratory and working with local partners, students will creatively and collaboratively address local community concerns, leading to a prototype for installation in a neighborhood. In addition, readings, case studies, lectures, and writing exercises will allow students to learn from these local design-thinking experiences to more fruitfully address global problems, such as climate change, poverty, and the AIDS pandemic, that they aim to pursue in their program major and SISE practicum.

Notes: Not required for architecture majors or minors.

credit hours: 4

SISE 4000 Senior Practicum

Senior Practicum

The SISE senior practicum is a course that provides a context for SISE minors to apply the knowledge, skills, and attitudes acquired over their courses of study to the planning, development, completion, and evaluation of community-based or inspired project. Students will develop a senior practicum project plan in partnership with a faculty advisor. The final project will be presented to the SISE Committee and to the public. Project examples include: Creating a social enterprise, Launching an organization or movement with a social mission, Conducting community-based research, Producing a research paper, Making a documentary or book.

credit hours: 3

ATCS 1010 Technological Systems I

Technological Systems I

Materials and Methods of Construction: Overview of the many systems that must be understood and applied in the design of buildings, including materials, methods of construction, and fundamentals of structure.

credit hours: 3

ATCS 1100 Technological Systems I

Technological Systems I

Materials and Methods of Construction: Overview of the many systems that must be understood and applied in the design of buildings, including materials, methods of construction, and fundamentals of structure.

credit hours: 3

[ATCS 3100 Technological Systems II](#)

Technological Systems II

Structural Systems: Concrete, wood, steel, and composite materials studied as framing systems. Compression and tension structures, dead and live loads, lateral and seismic loads; design and analysis of trusses, beams, columns, walls, and connections; shear wall and diaphragm systems; long and short span systems.

credit hours: 3

[ATCS 3200 Technological Systems III](#)

Technological Systems III

Environmental Systems: Climate responsive design, including building envelope design, passive and mechanical cooling/heating, lighting, plumbing, acoustics, and life safety.

credit hours: 3

[ATCS 3300 Material Paradoxes: Concrete and Glass](#)

Material Paradoxes: Concrete and Glass

The seminar will involve hands on experiments with two widely used and paradoxical construction materials: concrete and glass. Students will be introduced to the basic chemical compositions and characteristics of these two materials and will study specific applications in contemporary architecture which demonstrate or allude to the paradoxical nature of these materials.

credit hours: 3

[ATCS 3310 Materials and Techniques](#)

Materials and Techniques

Through the course of several projects students will be introduced to the methods, tools and techniques of working with wood, metal, plaster, and plastics. This is a "hands-on" class with the intention of giving the student a basic understanding of the logic of making things from a practical perspective.

credit hours: 3

[ATCS 4100 Integrated Technologies I:](#)

Integrated Technologies I:

Advanced integrated topics in materials and methods of construction, structural systems, and environmental systems, taught through case study and analysis.

credit hours: 3

[ATCS 4200 Integrated Technologies II:](#)

Integrated Technologies II:

Comprehensive integration of building systems into building design.

Co-requisites: Integrated with DSGN 3200.

credit hours: 3

[ATCS 4320 URBANbuild: Management and Professional Practice](#)

URBANbuild: Management and Professional Practice

As an integral component of the URBANbuild program, students design and construct a prototypical house for neighborhoods in partnership with community non-profit agencies that specialize in affordable housing and neighborhood redevelopment. With the leadership of highly qualified architectural design faculty, and under the supervision of a general contractor, students complete the full-scale management and construction of one single-family or multi-family home in an under served New Orleans neighborhood. In the construction phase, students gain first hand knowledge of the construction process including project management, field crew management, construction planning and strategizing, safety issues, fundraising, schedule coordination, archives/public relations, website development, materials research, budget, purchasing and inventory, engineering, working drawings coordination, and detail and specifications coordination. Students will be responsible for foundation, framing and all general construction tasks excluding special technical trades such as electrical, plumbing, and mechanical systems which will be handled by licensed subcontractors.

Co-requisites: ATCS 6320 and APFC 4320.

credit hours: 3

ATCS 6300 Innovations In Building Materials and Methods

Innovations In Building Materials and Methods

A research seminar focusing on new materials and technologies being employed in current architectural practices locally, nationally, and globally. The seminar will be directed to gain insight and give exposure to little known or under utilized innovations through specific materials research and data gathering, case study applications research, and hands-on speculative testing/demonstration. Research will explore building components and tectonics, the material and spatial implications of computer technologies, prefabrication and mass production, as well as smart systems and green building. The course will be both practical and experimental in nature.

credit hours: 3

ATCS 6320 URBANbuild: Materials Research, Fabrication and Construction

URBANbuild: Materials Research, Fabrication and Construction

credit hours: 3-6

ATCS 6400 Sustainability and Tectonics

Sustainability and Tectonics

The course offers an opportunity to explore two major areas of building technology in greater depth. The first of these is sustainable design. While the concept of sustainable design is widely lauded, fundamental principles and techniques of implementation are less clearly understood. Sustainability will first be investigated regarding issues at the scale of the site, linking place and building. Subsequently sustainability at the scale of building systems and materials will be a major focus. The second focus of the course is tectonics, consideration of the physical conditions of architecture, including the logical application of materials and systems. These issues will be considered first in the relation between structure, envelope and finish conditions, particularly at the building perimeter. Subsequently, the interweaving of systems within the building and their expression will be the topic.

Notes: This course is an extension of the material from the required technology sequence, and the completion of that sequence is a prerequisite for admission to this course.

credit hours: 3

ATCS 6410 Implementing an Ecocentric Architecture

Implementing an Ecocentric Architecture

The seminar would pose the question, is it possible to make a non-anthropocentric architecture? This seminar attempts to define and develop a model of an ecocentric architecture, redefining the way we currently build against the backdrop of environmental issues and larger ecological imperatives. New Orleans and its environs will act as a laboratory to explore these ideas.

credit hours: 3

ASTP 2300 Architecture and Mysticism

Architecture and Mysticism

This is a survey and research course designed to investigate mystical qualities of both real and unreal architecture and of the architecture of magical and mystical places from antiquity to the present and beyond. Students will be required to present a major research project based on the element of mysticism as a design tool.

credit hours: 3

ASTP 2310 Architecture and Music

Architecture and Music

A survey and research course dealing with the relationship through the ages of architecture and music and how each one complements the other. Some special topics that will be investigated include proportion, acoustics, notation versus drawings, aural versus visual, structure, composition, harmony, musical buildings, architectural music, decoration and ornamentation. No musical training is required.

credit hours: 3

ASTP 3300 Architecture and Human Health

Architecture and Human Health

An interdisciplinary course exploring the complex relationships among architectural design, human well-being, and health. Emphasis is placed on the planning and maintenance of health care facilities. The course focuses on user-based planning and design methods.

credit hours: 3

RBST 3400 Design Urbanism

Design Urbanism

Though the use of seminal writings on urban design ideology presented by architects and historians in the 20th century such as Bacon, Lynch, Koolhaas and Gandelsonas, students will be challenged to consider these significant foundations in order to apply a broader awareness of urbanism to their own architectural design process. Concurrently, methodologies of research and analysis that employ both conceptual and intuitive systems of investigation will be exercised as a critical means of observing, documenting and communicating about the city and the architecture that contributes to its form.

credit hours: 3

RBST 3410 Interpretive Urban Design

Interpretive Urban Design

This course will examine the concept of interpretive issues within the traditional downtown urban design framework today. Interpretive issues within traditional city cores have become a major part of cultural, economic development in city design. Within the retrenchment of traditional downtown retail to suburban malls, cultural development has become a principle economic tool

in re-establishing critical mass in the downtown.

credit hours: 3

RBST 3700 Neighborhood Development

Neighborhood Development

This course addresses the stalemate between preservationists and developers by inviting new players to a dialogue about how neighborhoods can grow and change. The course will explore ways to increase neighborhood participation in urban planning to build on creative resources and opportunities. The course will also expose students to the public, civic, business and neighborhood leaders involved in planning the city's environment and economy in order to learn the ways in which they function.

credit hours: 3

RBST 4300 Designs on Los Angeles: 20th-century Architecture, Urban Planning, and Metropolitan Imagery in the Making of America's Second Ci

Designs on Los Angeles: 20th-century Architecture, Urban Planning, and Metropolitan Imagery in the Making of America's Second Ci

Investigates the particular role that twentieth-century architecture and urban planning played in creating Los Angeles's current image as a pre-eminent metropolitan node of design arts. This course will establish political, economic, geographic, and ecological contexts for twentieth-century architecture and urban design in L. A. through the study of not only built works and executed plans, but also visionary, unrealized projects. These works of architecture and urbanism will be studied against the background of other contemporaneous modes of Los Angeles artistic endeavor in fiction, music, dance, graphic arts, photography, and film, as well as in landscape and garden design.

credit hours: 3

RBST 4400 Tribal New Orleans

Tribal New Orleans

This seminar course will introduce students not only to the urban history of New Orleans, but also to current theoretical perspectives on the writing (construction) of the histories of cities. New Orleans will be studied from the earliest European settlements in the metropolitan area (Bayou St. John and Bayou Gentilly), to the challenges of the present, highlighting topographical, economic, and social factors in the city's growth. Our broad interest will be the city's evolving urban form and its architectural dimensions, focusing on the distinct ways in which the city has provided an arena for constructing what some urban theorists have described as tribal identities through the shaping of the urban fabric. We will examine, therefore, the settlement patterns and built environments of French, Spanish, American, African American, Irish, German, Guatemalan, Vietnamese, and other residents in order to reflect upon social spatialization in the city and upon the city as a representation of the ever-changing society that constructs it.

credit hours: 3

RBST 6400 Architecture and the Contemporary City

Architecture and the Contemporary City

This seminar will examine the relationship between contemporary culture, urbanism, and the practice of architecture, and how the changing conditions of the contemporary city provoke responses in avant-garde practices. Various topics (Freedom and Control, Place and Placelessness, Superficiality, Synthetic Landscapes, Formlessness, Voids, Automatic Urbanism, Dematerialized Urbanism, etc.) will be studied as a way of exploring the changing nature of the

contemporary city and how political and social transformations generate theoretical discourses on architecture and the city. Referencing art, film, and cultural criticism, we will investigate a series of hypotheses concerning the current and future context of architecture.

credit hours: 3

RBST 6410 Urban Analysis + Design

Urban Analysis + Design

The urban fabric, as a historical, collective form of architectural expression, is an integration of cultural artifacts and infrastructure: aesthetic, technological, environmental, social and political forms and systems that when overlaid, become a representation of the ideological structures of the societies that build and reside in them. This course will initially trace the history of the modern city as a backdrop to the investigation of contemporary urban positions that have emerged in the latter half of the 20th century including Archigram's nomadic cities, Venturi and Scott Brown's Las Vegas, Koolhaas's Delirious New York, Tschumi's Manhattan Transcripts, Eisenman's Cities of Artificial Excavation, and more contemporary examples such as the artificial landscapes of the Netherlands by West 8 and the IFCCA proposals for Manhattan's west side.

credit hours: 3

RBST 6420 US Architecture and Urbanism

US Architecture and Urbanism

Undertakes focused historical studies of selected urban environments to emphasize the contributions that architecture and urban design make to conceptions of place. We will ask how buildings and their urban contexts function in the formation of communal identities and in the expression of cultural values. We will interpret the concept urban' broadly to include settlement, village, town, city, suburb, megalopolis, and utopia. Students will not only examine the role of the prominent designers in shaping urban identities, but they will also analyze the significance of the vernacular built environment in creating images of place. Additional assigned readings of key critiques will provoke group discussion of vital contemporary issues, from the ideology of preservation, to the concept of regionalism, and to the philosophy of socially engaged design practice. This is a Service Learning course with approximately 30 hours of guided community service through a placement with the Preservation Resource Center.

credit hours: 3

RBST 6910 Latin American Cities

Latin American Cities

A study of the development of the major cities of Latin America and particularly on the role that architecture and urbanism played in creating images of colonial power and, later, urban modernity. Emphasizes selected Latin American cities that have experienced significant immigration after 1880 and in which questions of cultural identity have loomed large: Havana, Mexico City, Montevideo, Santiago de Chile, Lima, Sao Paulo, Rio de Janeiro, and Buenos Aires.

credit hours: 3

AVSM 1010 Visual Media I

Visual Media I

This course introduces students to various drawing techniques in a variety of media including freehand drawing, mechanical drawing techniques and model building. Students will also be introduced to descriptive geometry, and methods of orthographic, axonometric, oblique and conical projection drawing.

Co-requisites: Integrated with DSGN 1100.

credit hours: 2

AVSM 1100 Visual Media I

Visual Media I

This course introduces students to various drawing techniques in a variety of media including freehand drawing, mechanical drawing techniques and model building. Students will also be introduced to descriptive geometry, and methods of orthographic, axonometric, oblique and conical projection drawing.

Co-requisites: Integrated with DSGN 1100.

credit hours: 2

AVSM 3300 Advanced Freehand Drawing

Advanced Freehand Drawing

Drawing is not a talent, it is a willingness to pay attention. The talented succeed through a desire to be specific and precise, to convey a connection to, a feel for, that being observed. Drawings, like buildings, are the result of a process involving an understanding of structural and surface conditions, the role of geometry, and a sensitivity to the effects of light. Exercises involving freehand drawing develop attentiveness and engagement, with special emphasis on the development of a personal sketchbook.

credit hours: 3

AVSM 3400 Painting: Color and Light

Painting: Color and Light

The main emphasis in this introductory studio painting course will be on the interplay of color and light in still life painting. In order to translate these visual perceptions onto canvas in two dimensions, the course will focus on the basic principles of color theory, and the rudiments of composition through the study of the structure of painting by organizing line, plane, volume and space. The analysis of particular painters and their works will aid in the understanding of composition and augment the studio experience.

credit hours: 3

AVSM 3500 Cinematic Architecture/Digital Filmmaking

Cinematic Architecture/Digital Filmmaking

By viewing, critiquing, and making, students will explore the design process through visual thinking. The technology used in digital film making allows students to view, edit, and make a short digital film.

credit hours: 3

A.B. Freeman School of Business Courses

[INBS 3100 International Business Management](#)

International Business Management

This course deals with the management of global expansion and strategy of firms. To be successful in global business ventures, managers must be prepared to experience the complexity of operating in an international context. This requires an understanding of how the world political and economic systems operate as well as how the unique challenges of different business cultures and institutions affect the development and implementation of business strategies. This course introduces the student to some of the special cases presented by the international context for management of human resources, international finance, global operations, international team building and leadership, and for business strategy.

Notes: During the 2013-2014 academic year, this course will be offered in some of the Freeman semester/summer aboard programs only.

Pre-requisites: ECON 1010, ECON 1020, PSYC 1000, MATH 1150 and 1160 or MATH 1210, and MATH 1140; sophomore standing.

credit hours: 3

[ISPM 7720 EXPERT SYSTEMS AND DECISION SUPPORT](#)

EXPERT SYSTEMS AND DECISION SUPPORT

credit hours: 3

[ISPM 7780 CORPORATE INFORMATION SYSTEMS](#)

CORPORATE INFORMATION SYSTEMS

credit hours: 3

[ISPM 7790 INFORMATION SYSTEMS DEVELOPMENT PROCESS](#)

INFORMATION SYSTEMS DEVELOPMENT PROCESS

credit hours: 3

[ACCN 1120 Accounting](#)

Accounting

credit hours: 3

[ACCN 2010 Financial Accounting](#)

Financial Accounting

This BSM prerequisite introduces concepts, techniques, and conventions for measuring and communicating the results of operations and the financial position of a business enterprise. It emphasizes the development and the use of financial information reported to the public.

Notes: This is a required course in the A. B. Freeman School of Business Core Curriculum.

credit hours: 3

[ACCN 3010 Managerial Accounting](#)

Managerial Accounting

ACCN 3010 emphasizes the role of accounting information in management decision-making for profit-seeking organizations. It develops the importance of information to decision-relevance through the study of traditional cost accounting, managerial economics, operations research, and the behavioral sciences.

Notes: This is a required course in the A. B. Freeman School of Business Core Curriculum.

Pre-requisites: ACCN 2010.

credit hours: 3

ACCN 3100 Intermediate Financial Accounting I

Intermediate Financial Accounting I

ACCN 3100 is a concept-oriented course that introduces the intensive examination of financial reporting issues and financial statement categories, focusing on the asset side of the balance sheet. It is required for accounting majors and recommended for finance majors and others who desire advanced exposure to financial reporting issues.

Pre-requisites: ACCN 2010, junior standing or above.

credit hours: 3

ACCN 4100 Auditing

Auditing

ACCN 4100 examines the professional auditing function, particularly emphasizing public accounting. The course is recommended for CPA examination candidates only. ACCN 3100 continues in ACCN 4110.

Pre-requisites: ACCN 3100.

credit hours: 3

ACCN 4110 Intermediate Financial Accounting II

Intermediate Financial Accounting II

ACCN 4110 is a concept-oriented course that continues the intensive examination of financial reporting issues and financial statement categories begun in ACCN 3100, focusing on the liability side of the balance sheet.

Pre-requisites: ACCN 3100.

credit hours: 3

ACCN 4120 Advanced Financial Accounting

Advanced Financial Accounting

ACCN 4120 explores complex accounting areas, including consolidations, partnerships, not-for-profit accounting, and multinational accounting. It is recommended for CPA examination candidates only.

Pre-requisites: ACCN 3100.

credit hours: 3

ACCN 4130 Financial Statement Analysis

Financial Statement Analysis

ACCN 4130 helps students understand and analyze financial statements, prepare pro-forma statements and critically review business valuation. Financial statement analysis is used by decision-makers in a variety of settings. Managers use financial data to monitor and judge their firms' performance relative to their competitors, communicate with external investors, select operational and financial strategies, and evaluate potential investment opportunities. Securities analysts use financial data to evaluate firms and make buy/sell recommendations to their clients. Bankers and creditors use financial information to decide whether to extend a loan to a client and to determine the terms of the loan. Financial data is also used by business consultants to carry out, among other things, competitive analyses of their clients' businesses. ACCN 4130 emphasizes how the economics of a business situation translates into accounting data and how managerial incentives and opportunities affect accounting choices, given the competitive and

regulatory environment. This course takes a user's rather than a preparer's perspective and does not emphasize specific accounting standards or accounting regulation. Such details are covered in other courses such as ACCN 2010 and ACCN 3100.

Pre-requisites: FINE 3010, junior standing or above.

credit hours: 3

ACCN 4140 Advanced Managerial Accounting

Advanced Managerial Accounting

ACCN 4140 explores recent developments in managerial accounting theory and practice. The course features quantitative approaches to collecting, analyzing, and transmitting cost, revenue, and profit data for internal planning and control, and it uses readings, problems, cases, and computer exercises. The course is recommended for both accounting and finance majors.

Pre-requisites: ACCN 3010, junior standing or above.

credit hours: 3

ACCN 4150 Accounting Information Systems

Accounting Information Systems

ACCN 4150 integrates the concepts of accounting and computer systems to develop an understanding of computerized accounting information systems. The course involves the extensive use of computer systems, including system development and maintenance as well as output use. It is recommended for accounting and finance majors, and for others who desire exposure to this area.

Pre-requisites: ACCN 3010, junior standing or above.

credit hours: 3

ACCN 4550 Internship

Internship

Freeman School majors may elect to do an accounting internship that will appear as a one-credit, 4000-level course on their transcripts; however, the credit does not apply towards the 122 minimum hours required for a BSM degree. The purpose of the internship must be to apply (within an ongoing business organization) the intellectual capital obtained from first- through third-year courses of the BSM program. Before registering for this course, the student must present a proposal describing how the proposed internship will meet the stated objectives and how the student will demonstrate that the objectives have been met. This proposal must be approved by the instructor before course registration. The student is responsible for locating the firm and arranging an internship position. This course is normally offered only during the summer and fulfills the curricular practical training option for students with F-1 visa status.

credit hours: 1

ACCN 4560 Professional Accounting Practicum

Professional Accounting Practicum

During the period January 1 - April 15, students participate in a busy season internship with a Big 4 accounting firm or large local firm approved by the director of the BSM/MACCT joint-degree program. The workload is 40 hours to 80 hours per week under the direct supervision of one or more certified public accountants. It involves the same difficulty of work and training that any new full-time, new-hire receives when entering the firm. In addition, this course has two writing components. In the first, the student submits a five- to ten-page research paper on an auditing or tax-related topic (pre-approved by the program director) involving an actual problem encountered by the student during the internship. In the second writing component, the student keeps a journal

of the student's activities (without breaking the client/firm confidentiality requirements). This journal is to be a daily (preferable) or weekly (mandatory) task. It is to contain a description of activities accomplished, questions raised, and conclusions reached about what was learned for the day. This journal is submitted to the director of the program at the Freeman School, who will review and discuss it with the student. It must include time sheets (client info may be blocked out) and must be mailed to the director at least twice a month. In addition, students in this course will present at a technical meeting of the Beta Nu chapter of Beta Alpha Psi at the Freeman School concerning their experiences.

Pre-requisites: ACCN 4100, ACCN 4110, LGST 4100 and TAXN 4100, or instructor approval.

credit hours: 3

ACCN 4570 Service Learning Internship

Service Learning Internship

Freeman School majors may elect to do an accounting service-learning internship. The credit does not apply towards accounting major requirements for a BSM degree; it may be used as elective credit. Interested students should consult with the Center for Public Service and the Office of Undergraduate Education at the Freeman School.

Pre-requisites: Minimum cumulative GPA 3.00, junior standing or above.

credit hours: 3

ACCN 6010 Financial Accounting

Financial Accounting

credit hours: 2

ACCN 6020 Managerial Accounting

Managerial Accounting

credit hours: 2

ACCN 7020 Auditing

Auditing

credit hours: 3

ACCN 7030 Financial Accounting Theory

Financial Accounting Theory

credit hours: 3

ACCN 7040 Advanced Accounting Problems

Advanced Accounting Problems

credit hours: 3

ACCN 7050 Financial Accounting Analysis

Financial Accounting Analysis

credit hours: 3

ACCN 7070 Advanced Managerial Accounting

Advanced Managerial Accounting

credit hours: 3

ACCN 7090 Accounting Information Systems

Accounting Information Systems

credit hours: 3

TAXN 4100 Business Taxation

Business Taxation

TAXN 4100 examines the federal system of taxation as it relates to businesses. The course includes an analysis of the taxation of corporations, S corporations, and partnerships. TAXN 4100 uses a business-cycle approach, wherein the tax effects of formation, ongoing operation, and disposition of the entity are discussed. Tax effects of various transactions as they relate to the shareholders/partners are also discussed. The course is Code (Internal Revenue Code) oriented, emphasizing the primary authorities that govern tax matters.

Notes: TAXN 4100 is required for CPA examination candidates.

Pre-requisites: ACCN 3100.

credit hours: 3

TAXN 7250 Tax Planning for Corporate Business Decisions

Tax Planning for Corporate Business Decisions

credit hours: 3

TAXN 7280 Research in Taxation

Research in Taxation

credit hours: 3

CDMA 1010 Career Management and Development Sessions

Career Management and Development Sessions

This course, facilitated by the Freeman School Career Management Center, will cover the following sessions: Career Planning, Alignment for Best Fit, and The Power of Networking.

Notes: Credit hours are not awarded for this required course. This is a required course in the A. B. Freeman School of Business Core Curriculum.

credit hours: 0.5

CDMA 2010 Career Management and Development Sessions

Career Management and Development Sessions

This course, facilitated by the Freeman School Career Management Center, will cover the following sessions: Basic Training, Alumni Career Panel, and The Interview.

Notes: Credit hours are not awarded for this required course. This is a required course in the A. B. Freeman School of Business Core Curriculum.

Pre-requisites: CDMA 1010, sophomore standing.

credit hours: 0.5

CDMA 3010 Career Management and Development Sessions

Career Management and Development Sessions

This course, facilitated by the Freeman School Career Management Center, will cover the following sessions: Assessing the Opportunities, The Internship Option, and The Myth of Privacy.

Notes: Credit hours are not awarded for this required course. This is a required course in the A. B. Freeman School of Business Core Curriculum.

Pre-requisites: CDMA 2010, junior standing.

credit hours: 0.5

CDMA 4010 Career Management and Development Sessions

Career Management and Development Sessions

This course, facilitated by the Freeman School Career Management Center, will cover the following sessions: Owning the Job Search, Advanced Interviewing, and Post Graduate.

Notes: Credit hours are not awarded for this required course. This is a required course in the A. B. Freeman School of Business Core Curriculum.

Pre-requisites: CDMA 3010, senior standing.

credit hours: 0.5

ENRG 4100 Energy Markets, Economics, and Policy

Energy Markets, Economics, and Policy

The course covers a range of energy-related topics including major challenges and policy issues facing the industry, history of the industry, company profiles and strategies, energy economics, energy regulatory environment, energy markets, energy technology, and the environment and sustainable development. An executive speaker series is an integral component of the course. Students must complete a group paper and presentation as well as an individual paper on energy subject jointly agreed to by the professor and the student.

Notes: This course cannot be used as one of the three required finance electives towards the finance major. This course can be used as a business elective or free elective towards the BSM degree.

Pre-requisites: ECON 1020; sophomore standing or above.

credit hours: 3

ENRG 4200 Energy Fundamentals and Trading

Energy Fundamentals and Trading

This course will cover the fundamentals of energy production, transportation, refining and related marketing and trading activities. Structure of physical and financial markets, risk management practices, and portfolio modeling will be covered. The course will include interactive trading in the university's new state-of-the-art trading facility, which will focus on the futures market of the New York Mercantile Exchange (NYMEX) to test student developed trading strategies, mark-to-market models, options and risk management tactics used in today's fast-paced energy trading environment.

Notes: This course cannot be used as one of the three required finance electives towards the finance major. This course can be used as a business elective or free elective towards the BSM degree.

Pre-requisites: INFO 3010, FINE 3010; junior standing or above

credit hours: 3

ENRG 4410 Energy and Environmental Economics

Energy and Environmental Economics

This course provides an overview of the economic principles used in analyzing energy markets and environmental issues important to this sector. Students in this class will learn to apply fundamental tools of micro and macro-economics to study business and public policy issues involved in oil, natural gas, and electric industries including renewable energy sources. The course will cover the fundamentals of externalities in the energy industries and how to evaluate the impact of various environmental policies. They will evaluate incentives compatible mechanisms and efficient environmental regulation design. Students will study a number of industry specific cases and critically analyze typical problems in each industry. Students will apply economic reasoning to unravel popular fallacies and doomsday scenarios such as peak oil, fallacy of common-use resources, technical vs. economic potential of energy technologies.

Notes: This course cannot be used as one of the three required finance electives towards the

finance major. This course can be used as a business elective or free elective towards the BSM degree.

Pre-requisites: ECON 1010, ECON 1020

Co-requisites: ENRG 4100

credit hours: 3

ENRG 4930 Introduction to Electric Power and Markets

Introduction to Electric Power and Markets

The number of players in power markets, player's competing interests and evolving regulatory policy gives electricity markets a unique niche in the world of commodity trading. The unique physical characteristics of its product, coupled with the nature of its delivery have created opportunities for trading shops and major corporations to rise and fall in a little more than a decade. As this market (slowly) matures, and regulation continues to improve market transparency and efficiency, it will be a bumpy ride. To better understand where these markets are going and where they have been, we shall first obtain a historical perspective. With a concrete understanding of the market evolution, we will then investigate what influence market prices on a long term, day ahead, and real time basis. We will also study the infamous market failures, and how regulators have responded to eliminate opportunities for indiscretion. The course will conclude with a brief look at several recent regulatory enactments to more closely align the interests of all market participants and stakeholders. This course will include market simulation exercises which will give students the opportunity to experience Power Marketing from the perspectives of a pure-marketer, independent power producer, and regulated utility.

Notes: This course cannot be used as one of the three required finance electives towards the finance major. This course can be used as a business elective or free elective towards the BSM degree.

Pre-requisites: ECON 1010, FINE 3010; junior standing or above

credit hours: 3

BUSI 7010 FINANCE THEORY I: ASSETS VALUATION

FINANCE THEORY I: ASSETS VALUATION

credit hours: 3

BUSI 7020 FINANCE THEORY II: FINANCIAL STRUCTURE AND INSTITUTION

FINANCE THEORY II: FINANCIAL STRUCTURE AND INSTITUTION

credit hours: 3

BUSI 7030 EMPIRICAL RESEARCH IN ACCOUNTING AND FINANCE

EMPIRICAL RESEARCH IN ACCOUNTING AND FINANCE

credit hours: 3

FINE 2200 Energy Markets, Economics, and Policy

Energy Markets, Economics, and Policy

The course covers a range of energy-related topics including major challenges and policy issues facing the industry, history of the industry, company profiles and strategies, energy economics, energy regulatory environment, energy markets, energy technology, and the environment and sustainable development. An executive speaker series is an integral component of the course. Students must complete a group paper and presentation as well as an individual paper on an energy subject jointly agreed to by the professor and the student.

Pre-requisites: ECON 1020 or 1040, sophomore standing or above.

credit hours: 3

FINE 3010 Financial Management

Financial Management

This course provides an introduction to finance for students aspiring to careers in financial management. It also provides a general understanding of finance for other students. The course covers time value of money and the valuation of stocks, bonds, and real investment projects.

Notes: This is a required course in the A. B. Freeman School of Business Core Curriculum.

Pre-requisites: ACCN 2010, MATH 1140, MATH 1150, ECON 1010.

Co-requisites: ECON 1020.

credit hours: 3

FINE 4100 Advanced Financial Management

Advanced Financial Management

This course is intended for students who wish to learn and analyze the concepts, theories, and applications of modern corporate finance. The course builds on the topics of FINE 301, and covers a wide range of topics related to corporate finance. Specific topics include in-depth analyses of firms' financing choices and their impact on value, advanced capital budgeting, agency costs, dividend policy, stock splits and repurchases, institutional and legal aspects of corporate restructuring, mergers and acquisitions, corporate risk-management basics, and financial distress. The course will also cover stock option characteristics, valuation, and applications.

Pre-requisites: FINE 3010, INFO 3010.

credit hours: 3

FINE 4110 Investments in Equities

Investments in Equities

This course focuses on equity investing. The major topic areas are equity markets, valuation, and portfolio management. Course content consists of descriptive material, theoretical models, and the practical application of theory. Topics include stock market exchanges, indexes, risk and return, diversification, market efficiency, portfolio theory and management, portfolio evaluation, mutual funds, and fundamental market, industry, and company analysis.

Pre-requisites: FINE 3010, INFO 3010.

credit hours: 3

FINE 4120 Analysis of Fixed Income Securities

Analysis of Fixed Income Securities

This course provides an advanced treatment of investments in the field of fixed income analysis. Topics include analyses of different bond types (zero-coupon, bullets, annuities, etc), accrued interest, day-counting rules (money market and bond market conventions), yield to maturity and bond returns, term structure of interest rates, interest rate sensitivity of fixed income securities, and managing interest rate risk. Spreadsheet modeling in the above areas will be introduced. In addition to lectures, the course will include students' presentations.

Pre-requisites: FINE 301, INFO 301.

credit hours: 3

FINE 4130 Venture Capital and Private Equity

Venture Capital and Private Equity

This course analyzes the concepts and theories of entrepreneurial finance, which includes

venture capital and private equity. The course builds on the core finance topics covered in FINE 3010 and covers a wide range of topics related to entrepreneurial finance. Apart from an in-depth analysis of new venture financing, the course also covers the financial aspects of strategic and business planning, financial forecasting, valuation, organization design and financial contracting, and financing and harvesting choices.

Pre-requisites: FINE 3010.

credit hours: 3

FINE 4140 Risk Management

Risk Management

This course focuses on 1) the identification of financial risks associated with interest rates, currencies, and commodities; 2) measurement of risk exposure; 3) the corporate hedging decision; 4) risk-management strategies; 5) risk-management tools including forwards, futures, options, and swaps; and 6) the integration of risk-management and innovative financing techniques. Case studies will illustrate and reinforce conceptual development.

Pre-requisites: FINE 4100, FINE 4110, FINE 4120.

credit hours: 3

FINE 4150 International Finance

International Finance

This course provides an integrated view of international financial markets and the management of multinational firms. It introduces students to markets for spot currency transactions, currency forwards, options, and swaps. Students are familiarized with tools for valuing instruments traded in these markets. The course then focuses on the opportunities and challenges these markets present to multinational managers attempting to manage exposure to exchange rates, raise capital in international capital markets, and evaluate international capital budgeting projects.

Pre-requisites: FINE 4100, FINE 4120.

credit hours: 3

FINE 4160 Equity Analysis/Burkenroad Reports

Equity Analysis/Burkenroad Reports

In this valuable hands-on course, teams of three or four students meet with top management, visit company sites, develop financial models and publish in-depth investment research reports on public companies. The reports become available at www.burkenroad.org and are distributed to more than 20,000 institutional and individual investors. Students are also responsible for introducing company management at the Burkenroad Reports Investment Conference each spring. The companies are located in Alabama, Florida, Georgia, Louisiana, Mississippi, and Texas. Finance and accounting students are encouraged to take this course in the spring semester of the junior year.

Notes: Enrollment is limited to finance or accounting majors with minimum 3.000 cumulative and business grade-point averages. Cross-listed with ACCN 416

Pre-requisites: ACCN 3100.

Co-requisites: FINE 4110.

credit hours: 3

FINE 4170 Financial Modeling

Financial Modeling

This course makes the connection between textbook finance and solving real-world business problems. The course provides a nuts and bolts guide to solving common financial problems

using financial models and spreadsheets. This course guides the student, step-by-step through each model, showing how it can be solved in Excel. Models are designed to solve problems in corporate finance, portfolio management, option pricing and applications, duration and immunization, and VAR.

Pre-requisites: FINE 4100, FINE 4110, FINE 4120.

credit hours: 3

FINE 4190 Commercial Bank Management

Commercial Bank Management

FINE 4190 explores emerging institutional changes as they relate to the structure of commercial banks. Topics include asset and liability management, loan evaluations and policies, investment policies and management, and financial analysis of banks.

Pre-requisites: FINE 3010.

credit hours: 3

FINE 4210 Real Estate Planning and Development

Real Estate Planning and Development

FINE 4210 places the student in the role of real estate project manager, using the tools of the developer, entrepreneur, and business person. The primary responsibility of the principal or consultant in a real estate venture is to manage all resources efficiently and effectively. The course will examine current professional development in real estate and the decision-making process under changing economic conditions, environmental expectations, and federal and state tax legislation.

Pre-requisites: FINE 4100; senior standing.

credit hours: 3

FINE 4240 History of Finance

History of Finance

This is a topics-oriented approach to the history of pre-industrial, industrializing, and industrialized economies-with a focus on on the United States and Western Europe. Particular emphasis is placed on the historical conditions that caused major changes in financial markets. Topics covered includes the roles of elites in the development of new mediums and mechanisms of exchange; the evolution of modern fiscal systems to finance territorial expansion, geopolitical strategies, subsequent military operations; the articulation of new financial networks in the wake of the world wars of the twentieth century; and the deployment of globalized systems of finance and trade at the conclusion of the Cold War and at the start of the new century. This course discusses who, what, where, when and how various financial instruments evolved, ranging from clay tablet receipts for grain in ancient Sumer, to the deployment of government bonds in England during the Napoleonic Wars and includes the birth of statistics based insurance markets in 18th century Scotland. We will place particular emphasis on assessing the historical conditions that caused these major additions to the portfolio of available financial instruments.

Notes: This course cannot be used as one of the three required finance electives towards the finance major. This course can be used as a business elective or free elective towards the BSM degree.

Pre-requisites: ECON 1010 and ECON 1020

credit hours: 3

FINE 4410 Games and Decision

Games and Decision

This course offers an introduction to strategic decision-making and game theory. Key topics include representation of games, several different solution concepts, predominantly dominant strategy equilibrium, and Nash equilibrium. Additional topics include bargaining, repeated games, and mixed strategies. Applications include market models, collective decision-making as in corporate boards; private-value auctions; and principle-agent models applied to firm management and corporate governance. In class participation experiences are an integral part of this class.

Pre-requisites: ECON 1010, MATH 1210, or MATH 1150 and MATH 1160 (students admitted Fall 2014 and later)

credit hours: 3

FINE 4550 Internship

Internship

Freeman School majors may elect to do a finance internship that will appear as a one-credit, 400-level course on their transcripts; however, the credit does not apply towards the 122 minimum hours required for a BSM degree. The purpose of the internship must be to apply (within an ongoing business organization) the intellectual capital obtained from first- through third-year courses of the BSM program. Before registering for this course, the student must present a proposal describing how the proposed internship will meet the stated objectives and how the student will demonstrate that the objectives have been met. This proposal must be approved by the instructor before course registration. The student is responsible for locating the firm and arranging an internship position. This course is normally offered only during the summer and fulfills the curricular practical training option for students with F-1 visa status.

credit hours: 1

FINE 4570 Service Learning Internship

Service Learning Internship

Freeman School majors may elect to do a finance service-learning internship. The credit does not apply towards finance major requirements for a BSM degree; it may be used as elective credit. Interested students should consult with the Center for Public Service and the Office of Undergraduate Education at the Freeman School.

Pre-requisites: Minimum cumulative GPA 3.0; junior standing or above.

credit hours: 3

FINE 4600 Cases in Financial Management

Cases in Financial Management

An applications-oriented course, FINE 4600 typically deals with cases involving working capital, mergers, corporate valuation, and capital budgeting analysis and planning. The course reinforces and applies concepts and techniques from accounting and financial economics in a practical setting. Credit analysis for bank lending is included.

Pre-requisites: FINE 4100 FINE 4110, FINE 4120; senior standing.

credit hours: 3

FINE 4610 Darwin Fenner Student Managed Fund Honors Seminar

Darwin Fenner Student Managed Fund Honors Seminar

This course satisfies the upper level honors course requirement for students in the honors program. This course combines academic study with actual investing. As part of the course, students manage a portfolio of stocks called the Darwin Fenner Student Managed Fund. Students study academic research papers and classic writings that have influenced equity

investing. Through reading and discussing academic research papers, students develop a critical thinking process and proprietary investment models. Working in groups, students analyze all stock in their assigned sector of the stock market and make buy, sell, and hold recommendations to the class. In addition, the class evaluates the historic performance of the fund.

Pre-requisites: FINE 4100, FINE 4110, FINE 4120; Invitation by finance faculty; senior standing and finance major.

credit hours: 3

FINE 4620 Valuations of Financial Firms

Valuations of Financial Firms

This is an applications-oriented course which builds upon the valuation concepts learned in FINE 4100 (Advanced Financial Management) and applies them to financial firms. Financial firms have unique asset, liability, risk, and regulatory attributes which make them fundamentally different from other firms and are often challenging to value. Cases will be used to demonstrate how to value financial firms such as banks, insurance companies, real estate investment trusts (REITS), asset management companies, and other financial services companies. The class will cover business models of various types of firms in the financial sector and will then use this knowledge in conjunction with the institutional and regulatory restrictions that are specific to the financial sector to value financial firms in a case format. The course will particularly helpful for students with an interest in working as a buy-side or sell-side financial analyst covering the financial sector. It will also provide insights to understanding the business models of financial firms which should be valuable to students who aspire to work for a firm in the financial sector.

Pre-requisites: FINE 4100

credit hours: 3

FINE 4890 Financial Literacy Service Learning (Add on Component)

Financial Literacy Service Learning (Add on Component)

Students may elect to fulfill their upper-level Newcomb-Tulane public service requirement through this service learning option that functions as an add-on component to FINE 4100 OR FINE 4600. This added one-hour component supplements the finance curriculum and gives students the opportunity to research, prepare and teach core elements of financial literacy to high school students who live in the New Orleans community. Students required to fulfill 40 hours of public service. The 40 hours of public service includes preparation of lesson plans, lab meetings with reflection, and classroom experiential teaching to high school class environment.

Pre-requisites: FINE 3010; senior standing

Co-requisites: FINE 4100 or FINE 4600

credit hours: 1

FINE 4910 Independent Study

Independent Study

Freeman school seniors demonstrating academic excellence are allowed to pursue an independent study. The work may take the form of directed readings, laboratory or library research, or original composition. Instead of traditional class attendance, the student substitutes conferences, as needed, with the supervising faculty. An independent study requires the approval of the supervising instructor and area head. The credit does not apply toward the finance major requirements for a BSM degree; it may be used as business elective credit. Interested students should contact the Office of Undergraduate Education at the Freeman

School.

Pre-requisites: Minimum cumulative GPA of 3.33 or higher; senior standing

credit hours: 1-3

FINE 7510 ADVANCED FINANCIAL MANAGEMENT

ADVANCED FINANCIAL MANAGEMENT

credit hours: 3

FINE 7530 CASES IN FINANCE

CASES IN FINANCE

credit hours: 3

FINE 7540 EVALUATION OF SECURITIES AND PORTFOLIOS

EVALUATION OF SECURITIES AND PORTFOLIOS

credit hours: 3

FINE 7550 MONEY AND CAPITAL MARKETS

MONEY AND CAPITAL MARKETS

credit hours: 3

FINE 7570 COMMERCIAL BANK MANAGEMENT

COMMERCIAL BANK MANAGEMENT

credit hours: 3

FINE 7580 OPTIONS AND FUTURES

OPTIONS AND FUTURES

credit hours: 3

FINE 7610 INTERNATIONAL TRADE AND INVESTMENT

INTERNATIONAL TRADE AND INVESTMENT

credit hours: 3

FINE 7620 INTERNATIONAL FINANCE

INTERNATIONAL FINANCE

credit hours: 3

INFO 1010 Introduction to Business Computing

Introduction to Business Computing

The goal of Introduction to Business Computing is to ensure that all business students have the computing skills necessary to support subsequent courses in their college career and to prepare students for internships in the business world. The focus of the course will be on learning to use Microsoft Excel and Microsoft Access application programs and to pass the Microsoft Office certification tests. The certification tests are given as part of the coursework.

Notes: Students who arrive on campus with the Microsoft Certified Application Specialist Certification for both Excel 2007 and Access 2007 may waive this course requirement; please consult with the course instructor to apply for a waiver. This is a required course in the A. B. Freeman School of Business Core Curriculum.

credit hours: 3

INFO 3010 Business Modeling

Business Modeling

This course introduces students to the use of the computer as a business modeling tool. The overarching goal is to teach students to use computers to analyze models and data for integrated decision making across multiple domains including finance, marketing, accounting, strategy, and operations. The course proceeds in several parts: 1) Data Modeling - building on INFO 1010 and MATH 1140, the course will review data modeling in Excel; 2) Deterministic Modeling - the course will cover decision-making under certainty using optimization models such as linear programming. Problems such as portfolio optimization, transportation, and assignment are covered and the concepts of problem formulation and sensitivity analysis are introduced; 3) Spreadsheet Automation - concepts for programming in Excel will be introduced; 4) Probabilistic Modeling - decision making in an environment of uncertainty is covered using simulation and the principles of decision analysis. Students will also learn to choose the appropriate probability distribution for a given problem; and 5) Data acquisition from databases and SQL - the course ends by teaching how to query Access databases and introduces structured query language (SQL).

Pre-requisites: MATH 1140.

credit hours: 3

INFO 4120 Database Management

Database Management

INFO 4120 provides a fundamental overview of the values, concepts, principles, skills, and techniques of modern database management systems and of database business application system development. Topics include the needs of business functions for database systems, components of modern database management systems, components of database application systems, logical/functional planning and design of database applications, modeling new database applications, structures of relational database application systems, and fundamentals of using a typical modern dbms (Oracle, Microsoft Access) to build database application systems. Students will first learn the foundations of database and application structures, tools, and techniques. Then, given a case for database and multifunctional business application requirements, students design, construct, and test an integrated database and associated application components.

Pre-requisites: INFO 1010, MATH 1140, junior standing or above.

credit hours: 3

LGST 3010 Legal, Ethical and Regulatory Environment of Business

Legal, Ethical and Regulatory Environment of Business

A writing intensive component is included in this course. LGST 3010 examines ethical and legal issues that affect business decision-making. The course covers ethical decision making, including the concepts of professionalism, integrity-based management, compliance-based management, and corporate social responsibility. The course then focuses on the ethical and legal issues associated with the legal system, the litigation process, alternative dispute resolution techniques, business torts based on negligence, intent and strict liability, including fraud, product liability, misrepresentations, and misleading advertising, contracts, consumer protection issues, business crimes, bankruptcy, labor and employment law, laws surrounding equal opportunity, and property law, including patents, copyrights, trade secrets, trade names, and trademarks.

Notes: This is a required course in the A. B. Freeman School of Business Core Curriculum.

Pre-requisites: ECON 101, sophomore standing.

credit hours: 3

LGST 3890 Service Learning (Add-on Component)

Service Learning (Add-on Component)

Freeman students may elect to fulfill their upper-level Newcomb-Tulane public service requirement through this service learning option that functions as an added component to the foregoing legal studies courses. This added one-hour component supplements the legal studies curriculum and gives students the opportunity to become familiar with courtroom procedure while acquiring research, investigation, analytical skills through courtroom observation and data collection. Students are required to fulfill 20-40 hours of public service and will engage in reflective learning through journal exercises and class presentation.

Co-requisites: LGST 3010, LGST 4100, LGST 4110, LGST 4120, LGST 4130, LGST 4140, LGST 4150, LGST 4160, LGST 4170, LGST 4180, LGST 4210; junior

credit hours: 1

LGST 4100 Business Law

Business Law

LGST 4100 examines the basic legal element of almost every business transaction -- a contract. The course focuses on how businesspeople form and perform contracts, as well as possible remedies for breach of a contract. In addition to contracts, the course examines negotiable instruments and how they function in the banking system. The course then focuses on the general rights of creditors and how bankruptcy affects creditor rights. Business Law presents material on the structure of business organizations, including mergers and consolidations, and the use of agents in business. The course concludes with a variety of special topics including property law, landlord-tenant law, insurance law, estate law, and professional liability law. This course is required for the legal studies in business major.

Pre-requisites: LGST 3010.

credit hours: 3

LGST 4110 Legal Writing and Research

Legal Writing and Research

LGST 4110 is designed to teach the fundamentals of legal writing and to acquaint the student with the basic resources of computerized legal databases. Students learn the techniques of legal problem-solving and learn to research and draft legal memoranda and briefs through a series of progressively more complex written assignments.

Notes: This course is required for the legal studies in business major.

credit hours: 3

LGST 4120 International Business Law

International Business Law

LGST 4120 introduces students to relevant features of the various legal systems currently governing the conduct of international business - national, regional, and international. Topics include international trade agreements, international dispute resolution, jurisdictional and choice of law problems, treatment of foreign investments, foreign corrupt practices, conflicting standards on labor, the environment, competition, and tariff law. The course presents policy problems and operational concerns that arise as the result of conflicting laws, gaps in laws, and developing international standards.

Pre-requisites: LGST 3010.

credit hours: 3

LGST 4140 Insurance and Risk Management

Insurance and Risk Management

LGST 4140 helps students prepare to be successful managers by staying one step ahead of potential problems. In the ever-changing landscape of business, identifying and analyzing risk and managing it through insurance and alternative tools are integral to the overall risk management plans of individuals and firms. This class shows students how risk management impacts important financial decisions, through techniques such as loss control, risk retention, and risk transfer. An added focus on speculative risk management, in addition to current insurance coverage, makes this class essential for managers operating in the business world of today and tomorrow.

Pre-requisites: LGST 3010, FINE 3010.

credit hours: 3

LGST 4150 Real Estate Law

Real Estate Law

LGST 4150 examines the fundamentals of real estate financing and development from a legal and managerial perspective. The course introduces real estate law to students. The course develops the student's skills in using legal concepts in a real estate transactional setting. The main topics covered include the following: land acquisition, subdivision, construction, permanent loans, joint ventures, management (leasing, environmental), limited partnerships, disposition of real property (sale of mortgaged property, foreclosures, wraparound mortgages, sale-leasebacks), and recent legal developments.

Pre-requisites: LGST 3010.

credit hours: 3

LGST 4160 Law of E-Commerce

Law of E-Commerce

LGST 4160 examines the law relating to the developing field of electronic commerce or electronic business. The first part of the course looks at the online legal environment. Online legal environment issues typically involve dispute resolution, cyber torts and crimes, and intellectual property issues. The second part of the course examines management and e-commerce issues, which involve e-contracting, risk management, and information security. The third part of the course focuses on marketing and e-commerce and examines online marketing, consumer protection, and privacy issues. The fourth part of the course examines employment relationships and web technology, including monitoring employee activities. The fifth section of this course focuses on the economics, finance, and taxation of e-commerce.

Pre-requisites: LGST 3010.

credit hours: 3

LGST 4170 Employment Law for Human Resource Professionals

Employment Law for Human Resource Professionals

The course examines legal issues associated with the hiring process, such as recruitment, background checks, eligibility, hiring and promotion, and managing a diverse workforce, including affirmative action, harassment, and accommodations. The course also covers conditions of employment such as pay, benefits and terms of employment and so forth, managing performance and terminating an employee, including terminating union, nonunion, and public sector employees.

Pre-requisites: LGST 3010.

credit hours: 3

LGST 4180 Sports and Entertainment Law

Sports and Entertainment Law

The course examines the legal issues associated with amateur sports, professional sports, and the entertainment industry.

Notes: Cannot have earned credit for LAWU 3100

Pre-requisites: LGST 3010 and LGST 4100.

credit hours: 3

LGST 4200 LSAT Review

LSAT Review

The Law School Admissions Test Review course prepares students for the LSAT including familiarizing students with the LSAT's format and structure and developing test-taking strategies. The course is one credit hour taken on an S/U basis, and the course does not count toward the student's degree requirements.

credit hours: 0

LGST 4210 Mock Trials

Mock Trials

LGST 4210 is a year long course that examines procedural and evidentiary issues involved in case analysis and trial preparation. The course covers ethical decision making, including the concept of professionalism, negotiations, public speaking, and legal research and writing. The course then focuses on the ethical and legal issues associated with the legal system, specifically the litigation process and alternative dispute resolutions. The course will involve simulation exercises involving trial preparation and trial procedure, including motion filing and oral arguments. Trial materials will include subject-matter related to business torts based on negligence, intent and strict liability, fraud, products liability, misrepresentations and misleading advertising, contracts, consumer protection issues, business crimes, bankruptcy, labor and employment law, laws surrounding equal opportunity; and property law, including patents, copyrights, trade secrets, trade names, and trademarks. The course will culminate in the participation in a National Moot Court competition where students will compete with other undergraduate institutions.

Pre-requisites: LGST 3010; junior standing

credit hours: 1.5

LGST 4550 Internship

Internship

Freeman School majors may elect to do a legal studies in business internship that will appear as a one-credit, 400-level course on their transcripts; however, the credit does not apply towards the 122 minimum hours required for a BSM degree. The purpose of the internship must be to apply (within an ongoing business organization) the intellectual capital obtained from first- through third-year courses of the BSM program. Before registering for this course, the student must present a proposal describing how the proposed internship will meet the stated objectives and how the student will demonstrate that the objectives have been met. This proposal must be approved by the instructor before course registration. The student is responsible for locating the firm and arranging an internship position. This course is normally offered only during the summer and fulfills the curricular practical training option for students with F-1 visa status.

credit hours: 1

LGST 7210 Business Law

Business Law

credit hours: 3

MGMT 3010 Organizational Behavior

Organizational Behavior

MGMT 3010 applies concepts from psychology and social psychology to organizational problems that managers face. Topics such as perception, communication, attitudes, motivation, influence, group dynamics, and organizational change are covered in a lecture, discussion, and problem-solving framework.

Notes: This is a required course in the A. B. Freeman School of Business Core Curriculum.

Pre-requisites: Newcomb-Tulane College social science core requirement, junior standing or above.

credit hours: 3

MGMT 4010 Strategic Management

Strategic Management

MGMT 4010 must be taken concurrently with MGMT 4900. Together, these courses serve as the Business Capstone Experience. By integrating the knowledge and skills acquired from the BSM core curriculum, students will identify and diagnose the strategic issues that companies face in complex and competitive environments. Strategic Management encompasses a series of interrelated steps in which managers conduct analyses at the industry, business and corporate levels, decide on strategies to enhance firm competitiveness, put those strategies into action, and constantly evaluate and modify those strategies as needed. This case-based course helps the students to develop skills in conducting industry analysis, identifying the firm's resources and capabilities, and addressing problems in strategy implementation. In MGMT 401, students assume the role of the practicing general manager, developing a capacity to propose and implement sound, realistic, and specific solutions for the firm's strategic problems.

Notes: This is a required course in the A. B. Freeman School of Business Core Curriculum.

Pre-requisites: All 3000-level BSM core classes, enrollment limited to students with senior standing, with priority given to graduating seniors.

Co-requisites: MGMT 4010 must be taken concurrently with MGMT 4900.

credit hours: 3

MGMT 4100 Business Ethics

Business Ethics

This course considers the ethical responsibilities of managers and corporations. Specific objectives of the course include fostering an understanding of the ethical responsibilities in becoming a manager; improving individual and group skills in identifying and analyzing ethical issues in the contexts they arise, developing action plans based upon those analyses, and providing a safe setting in which to critically examine the assumptions and values people bring to complex business decisions that raise ethical issues. Class sessions will entail case discussions, exercises, and presentations of theoretical frameworks for interpreting business ethics.

Pre-requisites: MGMT 3010.

credit hours: 3

MGMT 4110 Cases in Entrepreneurship

Cases in Entrepreneurship

MGMT 4110 reviews thirteen actual business cases. A visiting CEO (or other top executive) and the professor teach each case jointly. The class explores problems and opportunities

encountered in the search, evaluation, and acquisition of new, as well as ongoing, ventures. Students will further develop analytical skills in finance, accounting, business analysis, management, and marketing that they have acquired in other courses. Brainstorming sessions will challenge and improve innovative thinking while assignments and presentations hone business communication skills. Discussion of entrepreneurship, family business, and small business management gives the student an overview of the alternatives to traditional corporate employment. Most importantly, students interact with top-level executives who are role models from whom they can learn how to be successful entrepreneurs.

Pre-requisites: All 3000 level BSM core courses, junior standing or above.

credit hours: 3

MGMT 4120 Corporate and Cooperative Strategy

Corporate and Cooperative Strategy

In MGMT 4120, students integrate knowledge from the different functional areas and evaluate strategic decisions in a corporate context. This case-based course emphasizes the analysis of the drivers of value creation and value destruction in such corporate tools as mergers and acquisitions, alliances, and informal interorganizational networks. Students will learn to apply a set of tools that help them to make better corporate-level decisions addressing diversification, integration, and internal development issues facing modern multibusiness firms. The coursework includes a team project.

Pre-requisites: All 3000 level BSM core courses, junior standing or above.

credit hours: 3

MGMT 4130 Dimensions in Human Resources Management

Dimensions in Human Resources Management

MGMT 4130 introduces the major strategies and procedures for effectively managing human resources. Through readings, cases, and a series of experiential exercises, students learn about the legal environment of human resource management, analyzing jobs and work, staffing, performance management, training, compensation, and workplace safety.

Pre-requisites: MATH 1140, PSYC 1000, 1010 or 1020, junior standing or above.

credit hours: 3

MGMT 4140 Entrepreneurial Management

Entrepreneurial Management

MGMT 4140 consists of two parts. In the first part, class members team up to choose a business. The teams then create a business plan. By maintaining the books of the firm, students see the financial impact of their decisions. This format emphasizes how day-to-day decisions add to or detract from corporate liquidity and profits or losses. The second part of the course comes from the professor's many years of business experience. Topics include developing and recognizing business opportunities; using teamwork to organize a business; building a realistic business plan; raising capital and borrowing money; interviewing, hiring, and managing people; determining cost structure; analyzing margins; pricing; making decisions in groups; considering ethics; identifying industry characteristics; evaluating financial statements; negotiating; dealing with labor unions; creating a successful business partnership; understanding the banking system and how it works globally; and developing a philosophy of business.

Pre-requisites: All 3000 level BSM core courses, junior standing or above.

credit hours: 3

MGMT 4150 Environment, Society, and Capitalism

Environment, Society, and Capitalism

This course takes a strategic planning perspective to investigate environmental management issues in the context of assessing and responding to competitive and social forces. This course examines a serious challenge to corporations competing in the global economy: How to maximize profitability and production in such a way that will allow the planet to support operations indefinitely. Emphasis will be on the company's ability to use both traditional management concepts and new sustainability practices to build and sustain a competitive advantage. Students will learn how an enterprise can meet sustainability goals while still fulfilling its financial and market objectives.

Pre-requisites: All 3000 level BSM core courses, junior standing or above.

credit hours: 3

MGMT 4160 Leadership

Leadership

The purpose of this course is three-fold. First, students will develop a general understanding of leadership theories and an understanding of their own leadership traits. Second, students will use theories to help analyze real-world cases involving both successful and unsuccessful examples of leadership. Finally, students will practice their own leadership skills as they lead their teams in a variety of exercises and projects.

Pre-requisites: MGMT 3010, junior standing or above.

credit hours: 3

MGMT 4170 Negotiations

Negotiations

This course addresses the theoretical foundations and practical skills used in resolving differences and negotiating mutually satisfying outcomes. Students develop skills through simulated negotiations in a variety of contexts. Class topics include the nature of negotiations, different negotiating styles, distributive versus integrative bargaining, conflict, and intercultural bargaining. Self-reflection and giving and receiving feedback are key aspects in developing negotiation skills.

Pre-requisites: MGMT 3010, junior standing or above.

credit hours: 3

MGMT 4180 Management of Technology and Innovation

Management of Technology and Innovation

Technology, innovation, and entrepreneurship are among the most frequently used terms in today's business environment. We are bombarded by products and technologies that are changing the ways we live and work, but how do we analyze the processes that bring them to market? What exactly is technology? What forces shape its evolution? What roles do strategic alliances, standards, and intellectual property play in forecasting? How should we create product development teams? How should we create organizations that foster innovation? What is the role of creativity in the development of new technologies? These are some of the topics that are covered in this course.

Pre-requisites: All 3000 level BSM core courses, junior standing or above.

credit hours: 3

MGMT 4550 Internship

Internship

Freeman School majors may elect to do a management internship that will appear as a one-

credit, 4000-level course on their transcripts; however, the credit does not apply towards the 122 minimum hours required for a BSM degree. The purpose of the internship must be to apply (within an ongoing business organization) the intellectual capital obtained from first- through third-year courses of the BSM program. Before registering for this course, the student must present a proposal describing how the proposed internship will meet the stated objectives and how the student will demonstrate that the objectives have been met. This proposal must be approved by the instructor before course registration. The student is responsible for locating the firm and arranging an internship position. This course is normally offered only during the summer and fulfills the curricular practical training option for students with F-1 visa status.

credit hours: 1

MGMT 4600 Strategic Consulting

Strategic Consulting

A strategic management consultant provides strategic guidance, tactical advice, and implementation support to senior managers in industry and government. Students in this course will learn to make value propositions that reflect their clients' goals and maximize their clients' competitive potential. Topics include industry analysis, consulting skills development, consultant-client relationships, stages of consulting (contracting, data collection and diagnosis, feedback and the decision to act, developing client commitment, implementation, results, and accountability), ethics in consulting, and differences between internal and external consulting. Students will learn to understand resistance and manage meetings; they will study project management and the management of consulting firms.

credit hours: 3

MGMT 4610 Managing New Venture Creation

Managing New Venture Creation

Entrepreneurs are concerned with the relentless pursuit of opportunities in the marketplace. This course explores the key characteristics of entrepreneurs and the entrepreneurial process. The course provides students with the concepts, techniques, and skills needed to manage the entrepreneurial process and face the challenges of entrepreneurial companies. By the conclusion of this class, students should understand their potential roles as entrepreneurs and have gained a real-world" orientation to the entrepreneurial process of conceiving and implementing an idea for a new venture."

credit hours: 3

MGMT 4890 Management of Technology and Innovation Public Service (Add-on Component)

Management of Technology and Innovation Public Service (Add-on Component)

In this course students are required to complete an Eco Challenge Project where they will develop a plan utilizing the latest technologies to have the metropolitan New Orleans run on totally renewable energy. This public service experience will add to the student's knowledge and experience seeing firsthand the needs of the community, and the challenges in transforming the city to an area sustained entirely on renewable resources.

Pre-requisites: MGMT 3010; junior standing or above

Co-requisites: MGMT 4180; junior standing or above

credit hours: 0

MGMT 4896 Leadership Service Learning (Required Add-on Component)

Leadership Service Learning (Required Add-on Component)

This course studies leadership and leadership development. At the center of the course is a service learning project that is done in collaboration with the Center for Public Service. Each student will lead a team in doing a service project in the community. Students are responsible for defining the mission, recruiting and motivating a team, formulating and executing a plan, and assessing the results of their efforts. In tandem with the service projects, we will focus our class meetings on various aspects of leadership. Theories and practical advice about leadership will be analyzed. In addition, students will take several leadership assessments and receive feedback about their leadership styles. Students should leave the course with a greater understanding of challenges of leadership, knowledge about research on leadership, practical experience doing leadership, and an increased awareness of their own leadership styles.

Pre-requisites: MGMT 3010; junior standing or above

Co-requisites: MGMT 4160; junior standing or above

credit hours: 0

MGMT 4900 Strategy Integration Capstone

Strategy Integration Capstone

Together, these courses serve as the Business Capstone Experience. In MGMT 4900, students will pull together and integrate the knowledge, skills, and concepts acquired from the core classes and majors in the Bachelor of Science of Management degree. Students will examine the problem of making strategic business decisions through the prism of each of the functional areas and see how they must be pulled together in a coherent whole. A current business event will be examined and analyzed as part of this experience.

Pre-requisites: All BSM 3000-level core courses MGMT 4900 must be taken concurrently with MGMT 4010.

Co-requisites: MGMT 4010, enrollment limited to students with senior standing with priority given to graduating seniors.

credit hours: 1

MGMT 4990 Business Senior Honors Thesis (Fall Semester only)

Business Senior Honors Thesis (Fall Semester only)

This course is for BSM students in the Tulane Honors Program. Students enrolled in this section will begin their Business Senior Honors Thesis. They will conclude their Business Senior Honors Thesis in MGMT 5000 in the spring semester.

credit hours: 3

MGMT 5000 Business Senior Honors Thesis (Spring Semester only)

Business Senior Honors Thesis (Spring Semester only)

This course is for BSM students in the Tulane Honors Program. Students enrolled in this section of the course will complete their Business Senior Honors Thesis. They will start the Business Senior Honors Thesis in MGMT 4990 in the fall semester.

Pre-requisites: MGMT 4990

credit hours: 3

MGMT 7100 ENTREPRENEURIAL MANAGEMENT

ENTREPRENEURIAL MANAGEMENT

credit hours: 3

MGMT 7120 BUSINESS, SOCIETY, AND THE INDIVIDUAL

BUSINESS, SOCIETY, AND THE INDIVIDUAL

credit hours: 3

MGMT 7150 BUSINESS POLICY

BUSINESS POLICY

credit hours: 3

MGMT 7160 COMPETITION AND STRATEGY

COMPETITION AND STRATEGY

credit hours: 3

MGMT 7300 HUMAN RESOURCES MANAGEMENT

HUMAN RESOURCES MANAGEMENT

credit hours: 3

MGMT 7310 ORGANIZATIONAL BEHAVIOR AND HUMAN RESOURCE ANALYSIS

ORGANIZATIONAL BEHAVIOR AND HUMAN RESOURCE ANALYSIS

credit hours: 3

MGMT 7320 INDIVIDUAL BEHAVIOR IN THE ORGANIZATION

INDIVIDUAL BEHAVIOR IN THE ORGANIZATION

credit hours: 3

MGMT 7330 ADVANCED HUMAN RESOURCE MANAGEMENT

ADVANCED HUMAN RESOURCE MANAGEMENT

credit hours: 3

MGMT 7340 APPLIED PROBLEMS IN ORGANIZATIONAL BEHAVIOR AND HUMAN RESOURCES

APPLIED PROBLEMS IN ORGANIZATIONAL BEHAVIOR AND HUMAN RESOURCES

credit hours: 3

MGMT 7360 INTERPERSONAL BEHAVIOR

INTERPERSONAL BEHAVIOR

credit hours: 3

MGMT 7370 NEGOTIATIONS

NEGOTIATIONS

credit hours: 3

MGMT 7510 SEMINAR IN ORGANIZATIONAL BEHAVIOR 1

SEMINAR IN ORGANIZATIONAL BEHAVIOR 1

credit hours: 3

MGMT 7520 REAL ESTATE PLANNING, FINANCE, AND DEVELOPMENT

REAL ESTATE PLANNING, FINANCE, AND DEVELOPMENT

credit hours: 3

MGMT 7530 ORGANIZATIONAL RESEARCH METHODS

ORGANIZATIONAL RESEARCH METHODS

credit hours: 3

MGMT 7610 GLOBAL TRADE, TECHNOLOGY, AND COMPETITION

GLOBAL TRADE, TECHNOLOGY, AND COMPETITION

credit hours: 3

MGMT 7630 MANAGEMENT OF INTERNATIONAL BUSINESS

MANAGEMENT OF INTERNATIONAL BUSINESS

credit hours: 3

MGMT 7650 GLOBAL STRATEGIC MANAGEMENT

GLOBAL STRATEGIC MANAGEMENT

credit hours: 3

MGMT 7660 INTERNATIONAL ORGANIZATIONAL ANALYSIS

INTERNATIONAL ORGANIZATIONAL ANALYSIS

credit hours: 3

MGMT 7680 STRATEGIC MANAGEMENT IN DEVELOPING COUNTRIES

STRATEGIC MANAGEMENT IN DEVELOPING COUNTRIES

credit hours: 3

MGMT 7700 DECISION ANALYSIS

DECISION ANALYSIS

credit hours: 3

MGMT 7720 FORECASTING

FORECASTING

credit hours: 3

MGMT 7730 CASE STUDIES IN OPERATIONS MANAGEMENT

CASE STUDIES IN OPERATIONS MANAGEMENT

credit hours: 3

MGMT 7750 OPTIMIZATION MODELS IN MANAGEMENT SCIENCE

OPTIMIZATION MODELS IN MANAGEMENT SCIENCE

credit hours: 3

MGMT 7760 PROBABILISTIC MODELS IN MANAGEMENT SCIENCE

PROBABILISTIC MODELS IN MANAGEMENT SCIENCE

credit hours: 3

MGMT 7770 QUALITY AND PRODUCTIVITY

QUALITY AND PRODUCTIVITY

credit hours: 3

MGMT 7780 MANUFACTURING AND OPERATIONS STRATEGY

MANUFACTURING AND OPERATIONS STRATEGY

credit hours: 3

MGMT 7800 MANUFACTURING INFORMATION SYSTEMS

MANUFACTURING INFORMATION SYSTEMS

credit hours: 3

MCOM 3010 Management Communication

Management Communication

Emphasizing a problem-solution approach, MCOM 3010 teaches students to produce professional written documents and oral presentations; to analyze various communication purposes, strategies, and audiences; and to work effectively in teams. Some sections of this course will satisfy one of the University's public service requirements and will provide an additional public service credit.

Notes: This is a required course in the A. B. Freeman School of Business Core Curriculum.

Pre-requisites: ENGL 1010 or ENLS 1190 ; junior standing or above.

credit hours: 3

MCOM 3100 Social Media

Social Media

Using case studies and real-world examples from large corporations and small business, students explore current and future opportunities of how professionals embrace online social networks, user-generated content and content sharing to communicate. This course looks at these new channels of communication that make up social media and the Web, exploring how these tools fit into a company's traditional integrated communication strategy.

Pre-requisites: MCOM 3010; junior standing and above.

credit hours: 3

MCOM 3890 Service Learning (Add-on Component)

Service Learning (Add-on Component)

Freeman students may elect to fulfill their upper-level Newcomb-Tulane public service requirement through this service learning option that functions as an added component to Management Communication. This added one-hour component supplements the Management Communication curriculum and gives students the opportunity to identify communication opportunities and challenges within a specific organization, identify and analyze various stakeholder groups associated with the organization, and consider the role of communication in achieving the organization's goals. Students are required to fulfill 20-40 hours of public service and will develop and execute a semester-long project for their community partner.

Notes: Students who wish to complete the public service component to receive credit for the upper-level requirement must take MCOM 3100 concurrently with the public service course in their junior year.

Pre-requisites: MCOM 3100; junior standing and above.

credit hours: 0

CBMA 7910 COMPETITIVE MARKETING STRATEGY

COMPETITIVE MARKETING STRATEGY

credit hours: 3

CBMA 7940 BUSINESS MARKETING AND SALES FORCE MANAGEMENT

BUSINESS MARKETING AND SALES FORCE MANAGEMENT

credit hours: 3

CBMA 7960 PRODUCT MANAGEMENT

PRODUCT MANAGEMENT

credit hours: 3

MKTG 4100 CONSUMER BEHAVIOR

CONSUMER BEHAVIOR

This course examines the basic theories, concepts, and findings in understanding the behavior of consumers in the marketplace. The course is focused on understanding the cognitive and emotional factors that govern consumer decision making. The course draws substantially on real-world marketing stimuli to illustrate how the success (or failure) of marketing strategies depends on the close correspondence to (or violation of) principles of consumer behavior.

Pre-requisites: MKTG 3010

credit hours: 3

MKTG 4110 Marketing Research

Marketing Research

This course helps organizations listen to and understand their consumers and markets. This course deals with the methods for the collection, analysis, and interpretation of consumer and market information. The course familiarizes students with important concepts of consumer and market research and provides hands-on experience through real world field projects and cases.

Pre-requisites: MKTG 3010

credit hours: 3

MKTG 4115 Marketing Research Lab

Marketing Research Lab

This course is a co-requisite of the Marketing Research lecture course and is designed to supplement that material. The laboratory is designed to help students attain skills in data collection, statistical analysis, and interpretation of data collected from primary and secondary sources. Emphasis is on hands-on experience with real-world projects and cases that emulate the experience of a market research analyst.

Pre-requisites: MKTG 3010

Co-requisites: MKTG 4110

credit hours: 1.5

MKTG 4120 Marketing Strategy

Marketing Strategy

Marketing strategy bridges the gap between decisions made for short-term results and those made for the strategic survival and success of the firm. Readings, cases and classroom discussions will cover product-market portfolios, market share, experience curve and resource allocation. Markstrat, a computer-based marketing simulation illustrates these concepts by involving student teams in competitive markets that offer a risk-free environment for strategic experimentation.

Pre-requisites: MKTG 3010

credit hours: 3

MKTG 4170 Marketing Planning and Implementation

Marketing Planning and Implementation

This course focuses on the development of dynamic marketing plans for a broad array of companies who may be facing accelerated growth opportunities and/or operating difficulties. Focus will be on choosing the right marketing vehicles, determining how the vehicles need to work together, developing the implementation work plan, mapping out sequencing, and defining metrics and measurement process. Student teams will draw on this information, as well as knowledge acquired from earlier marketing courses, to implement a field study. For classroom discussions, we will be using a mix of text, articles, and case studies focusing on companies

across diverse industries. Fieldwork will also be discussed in class, culminating in team marketing plan presentations.

Pre-requisites: MKTG 3010

credit hours: 3

MKTG 4220 Sales Force Management

Sales Force Management

Salespeople are a primary channel of communication between the firm and the consumer. Taught through lectures, cases, and a simulation game, this course covers the selection, motivation, compensation, job-assignment, and supervision of salespeople.

Pre-requisites: MKTG 3010

credit hours: 3

MKTG 4230 International Marketing

International Marketing

MKTG 4230 focuses on marketing management problems, techniques, and strategies necessary to incorporate marketing concepts into the framework of the world marketplace. It follows a multidisciplinary approach to create a broad understanding of the subject matter, including concepts from sociology, political science, economics, and marketing. This class also considers contemporary issues including globalization and the impact of the Internet.

Pre-requisites: MKTG 3010

credit hours: 3

MKTG 4240 Relationship Marketing

Relationship Marketing

In marketing, nothing is as critical as building and maintaining relationships with key constituencies. Business corporations and non-profit institutions alike realize the importance of long-lasting relationships and their impact on their success. The major objectives of this course are twofold. First, focus on the marketing tools and techniques that organizations use to identify key constituencies, build relationships and assess their impact on the organization's performance. Second, provide students with a forum for presenting and defending their recommendations, and for critically examining and discussing the recommendations of others.

Notes: Business core course (required for the BSM degree)

Pre-requisites: MKTG 3010; junior standing or above

credit hours: 3

MKTG 4250 Social and Online Marketing

Social and Online Marketing

The media landscape has undergone significant changes in recent years. The amount of time people devote to traditional media outlets has been steadily declining. Meanwhile, online and social media channels have been growing at breakneck speed, leaving businesses scrambling to understand and effectively tap these emerging marketing channels. In this course students will learn tools and frameworks to understand how companies can implement effective online and social media marketing campaigns.

Pre-requisites: MKTG 3010

credit hours: 3

MKTG 4260 Advertising and Brand Promotion

Advertising and Brand Promotion

This course is designed to provide conceptual underpinnings of marketing communication, and reflect the role of media strategies in providing information, persuading, selling and creating popular culture. This course emphasizes the development of integrated marketing communication programs. Students will learn the fundamentals of different media options, how to evaluate marketing communication programs/outcomes, and how to develop an integrated marketing communication campaign. Students will also be introduced to trends and issues facing marketing communication historically and today. A substantial portion of in-class and out-of-class time will be devoted to applying the concepts and developing a real-world marketing communication program.

Pre-requisites: MKTG 3010

credit hours: 3

MKTG 4410 Social and Online Marketing Optional Lab

Social and Online Marketing Optional Lab

This course is designed to teach students the elements of social and online marketing, through hands-on exercises. Students will be working inside analytic programs, researching and purchasing domain names and internet traffic through traditional Pay-Per-Click marketing channels with a course-sponsored budget, as well as creating a full sales process for message or product of their choosing. The outcome will be direct experience taking a product or message to market, with application of knowledge learned through previous courses.

Pre-requisites: MKTG 4250

credit hours: 1.5

MKTG 4550 Internship

Internship

Freeman School majors may elect to do a business internship that will appear as a one-credit, 4000-level course on their transcripts; however, the credit does not apply toward the 122 minimum hours required for a BSM degree. The internship must be related to one of the majors offered through the BSM program and the internship must apply (within an ongoing business organization) the intellectual capital obtained from first-through third-year Freeman School courses. To obtain approval of the internship, the student must visit the Office of Undergraduate Education for instructions. The final grade for the internship is given on an S/U basis upon submission of a ten-page paper to supervising faculty member, Robin Desman. This course is normally offered during the summer and fulfills the curricular practical training" option for students with F-1 visa status."

credit hours: 1

MKTG 4600 Cases in Marketing

Cases in Marketing

Integrating materials across the consumer behavior/marketing curriculum, this capstone course reviews and advances the understanding of consumer needs as they relate to effective marketing decisions on product, pricing, advertising, personal selling, sales promotion, and distribution channels. It considers the contexts of global marketing and not-for-profit marketing.

Pre-requisites: All BSM 3000-level courses

credit hours: 3

TIDB 1010 What is Management?

What is Management?

TIDB 101 introduces students to the business world by critically examining the art of

management. The course focuses on the question: why do people work together and how? The objective of TIDB 101 is to introduce students to basic business concepts, to develop a plan for their field of study, as well as to have fun in the process.

credit hours: 1.5

TIDB 1020 Law and Order

Law and Order

In Henry VI, Shakespeare wrote, The first thing we do, let's kill all the lawyers; however, all the lawyers have avoided being killed since that line was written. Why? From the largest corporate mergers to simple adoptions, and from public policy to the enactment of criminal laws, the need for lawyers is increasing because the law is a central part of our daily lives and the bedrock of a free society. Although the press might occasionally indicate otherwise, lawyers are members of a profession and they get respect, but is being a lawyer really like the popular portrayals on television shows such as Law and Order or in a John Grisham novel? This class will help you explore how one becomes a lawyer and what it is like to be a lawyer. The first year Career Management Center Sessions will be offered as part of the course.

credit hours: 1.5

TIDB 1110 Business Leadership

Business Leadership

Our economic system and our society need leaders, but how are those leaders formed? Our youngest leaders matured in the glow of computer screens; our oldest matured in the shadow of the Depression and World War II. This class will examine how era and values shaped leaders from these two disparate groups, affectionately labeled geeks and geezers. During the journey, we hope to discover something more profound -- the process through which leaders of any era emerge.

credit hours: 1.5

School of Liberal Arts Courses

[ADST 1550 New Orleans Hip Hop I](#)

New Orleans Hip Hop I

This course surveys major locations, musical influences, and aesthetic elements of New Orleans hip hop culture, with special emphasis on Bounce and the defining features of local spoken word. The course includes a required service learning component, which guides students through the completion of a public event designed to showcase New Orleans hip hop's educational and entertainment value.

credit hours: 3

[ADST 2000 Introduction to African and African Diaspora Studies](#)

Introduction to African and African Diaspora Studies

This course serves as an introduction to the study of Africa and its Diaspora and is intended to help students understand the complexities of interdisciplinary approaches to area studies. Emphasis will be placed on the complementary nature of such scholarship and a portion of the course is devoted to learning how the same issue or thematic is treated in diverse ways depending on the disciplinary perspective of the scholar.

credit hours: 3

[ADST 2010 Methods in African and African Diaspora Studies](#)

Methods in African and African Diaspora Studies

This course introduces students to major theories and methods in African and African Diaspora Studies.

credit hours: 3

[ADST 3100 Issues in Afro-Atlantic Studies](#)

Issues in Afro-Atlantic Studies

An exploration of some of the central themes of Afro-Atlantic Studies through the study of selected issues arising out of the Afro-Atlantic moral, cultural, political, and religious experience.

credit hours: 3

[ADST 3200 Issues in African Studies](#)

Issues in African Studies

An exploration of some of the central themes of African studies through the study of selected issues arising out of the African moral, cultural, political, and religious experience.

credit hours: 3

[ADST 3300 Issues in African Diaspora Studies](#)

Issues in African Diaspora Studies

An exploration of some of the central themes of African Diaspora Studies through the study of selected issues arising out of the African Diasporic moral, cultural, political, and religious experience.

credit hours: 3

[ADST 3550 Third World Cinema](#)

Third World Cinema

This course surveys the cinematic practices of the developing nations of Africa, Asia, Latin America and the Middle East. The filmic practice, at once revolutionary and ideological, has not

only produced some of the world's most striking filmic innovations, but is now recognized as having initiated a new phase and expanded definitions of the art of cinema. The issues to be addressed include: the development of a national cinema, the impact of politics on film style, video and television culture, the commonalities and differences in modes of production, the relationship of film to the societies' values and cultures and the role of cinema as a mediation of history.

credit hours: 3

ADST 3750 From Community to Stage

From Community to Stage

This course introduces students to the story circle methodology as formulated by the Free Southern Theater and Junebug Productions. Students also learn the history of the Free Southern Theater and the Black Arts Movement in the South. Collaboration with local artists will result in the production of an original theatrical performance at the end of the semester.

credit hours: 3

ADST 3890 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of a three-credit corequisite course.

Pre-requisites: Departmental approval.

credit hours: 3

ADST 4180 African Cinema

African Cinema

This course will provide a critical and interdisciplinary look at the development of African cinema from its inception in the 1960s to the present. In looking at this period, we will move from the sociopolitical upheavals of late colonialism to the recent phase of introspection and diversification. The relationship of cinematic practices to transformation in the social and economic sphere will be examined, as well as the creation of distinctively African film styles based on oral traditions. In pursuing these topics, we will consider the impact of technology, history and culture, ties to the cinema of other developing nations and co-productions.

credit hours: 3

ADST 4300 Cultural Politics and Film

Cultural Politics and Film

This course is designed to explore developments in the cross-cultural use of media from Hollywood feature films to ethnographic documentaries, from Caribbean liberationist literature to African allegories of colonialism, and from indigenous use of film and video to Black Diasporan oppositional film practice. Issues to be addressed include Afrocentrism, Eurocentrism, ethnocentrism, multiculturalism, racism, sexism, gender, and class bias.

credit hours: 3

ADST 4400 Afro-Brazilians

Afro-Brazilians

Once heralded internationally as a racial democracy, Brazil has been the subject of an ongoing critical re-evaluation that has revealed a vast gap between the national ideal and the social reality. The ideas of race and the various forms of institutional and quotidian racism in Brazil make for compelling contrasts and comparisons with the United States. This course will focus on

a wide range of themes, issues, and problems in Afro-Brazilian Studies since the abolition of slavery in 1888. Combining cultural history, anthropology, sociology, literature, and popular music, this course will offer a multidisciplinary approach to black culture and race relations in Brazilian society.

credit hours: 3

ADST 4560 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing.

Notes: A maximum of six credits may be earned in one or two courses toward the African and African Diaspora Studies major. See also the college requirements for internships.

Pre-requisites: Approval of instructor and director.

credit hours: 3

ADST 4570 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing.

Notes: A maximum of six credits may be earned in one or two courses toward the African and African Diaspora Studies major. See also the college requirements for internships.

Pre-requisites: Approval of instructor and director.

credit hours: 1-3

ADST 4810 Special Topics in African and African Diaspora Studies

Special Topics in African and African Diaspora Studies

Special topics in African and African Diaspora studies; also cross-listed with special topics from other departments when related to African and African Diaspora studies. This course is required for African and African Diaspora majors. African and African Diaspora minors are encouraged but not required to take this course.

Notes: May be used to fulfill African and African Diaspora studies distribution requirements in consultation with the program director.

credit hours: 3

ADST 4820 Special Topics in African and African Diaspora Studies

Special Topics in African and African Diaspora Studies

Special topics in African and African Diaspora studies; also cross-listed with special topics from other departments when related to African and African Diaspora studies. This course is required for African and African Diaspora majors. African and African Diaspora minors are encouraged but not required to take this course.

Notes: May be used to fulfill African and African Diaspora studies distribution requirements in consultation with the program director.

credit hours: 3

ADST 4830 Service Learning Capstone for ADST with 5110 add-on

Service Learning Capstone for ADST with 5110 add-on

This course deepens students' understanding of core tensions, issues, and themes in African and African Diaspora Studies and provides a framework for students to apply this understanding to the completion of a community-based service-learning project. The course meets the second-

tier requirement for graduation; thus, a prerequisite for enrollment is completion of the first-tier service-learning requirement.

Notes: Students may fulfill the capstone requirement if co-registered with ADST 5110.

Pre-requisites: First tier Service-Learning requirement completed.

Co-requisites: Students wishing to use this course to fulfill the Capstone credit must also register ADST 5110 (0 credit).

credit hours: 3

ADST 4840 Orality and Literacy in African and African Diaspora Studies

Orality and Literacy in African and African Diaspora Studies

This course introduces students to fundamental issues, concepts, themes, and genres of black vernacularism, including spirituals, the blues, spoken word, griot, and oral tradition. The course also orients students to the fundamental tension between orality and literacy, which shapes and distinguishes black literary traditions.

credit hours: 3

ADST 4910 Independent Studies

Independent Studies

Open to advanced student with approval of the director and subject to availability of faculty mentor.

credit hours: 1-3

ADST 4920 Independent Studies

Independent Studies

Open to advanced student with approval of the director and subject to availability of faculty mentor.

credit hours: 3

ADST 5110 Capstone

Capstone

credit hours: 0

ADST 6050 Black Feminism and Social Movement in the United States

Black Feminism and Social Movement in the United States

This course surveys major thought and development in black feminism to understand its application to political, social, and economic issues relevant to black women's lives.

credit hours: 3

ADST 6090 Criminal Justice and African and African Diaspora Studies

Criminal Justice and African and African Diaspora Studies

This course broadens ADST course offerings at advanced levels; in addition, it enhances the disciplinary range of ADST courses.

credit hours: 3

ADST H4990 Honors Thesis

Honors Thesis

For especially qualified juniors and seniors with approval of the director and the Honors Committee. Students must have a minimum of a 3.000 overall grade-point average and a 3.500 grade-point average in the major.

credit hours: 3

ADST H5000 Honors Thesis

Honors Thesis

For especially qualified juniors and seniors with approval of the director and the Honors Committee. Students must have a minimum of a 3.000 overall grade-point average and a 3.500 grade-point average in the major.

credit hours: 3

AMST 2010 Issues of American Identity

Issues of American Identity

An exploration of one of the central themes of American studies, the American identity, through the study of selected issues arising out of the American moral, cultural, political, and religious experience.

credit hours: 3

AMST 3010 Special Topics in American Studies

Special Topics in American Studies

Seminar primarily for American studies majors, generally taken in the junior year, comprising a detailed exploration of some one topic or theme relevant to the American scene.

credit hours: 3

AMST 3110 New Orleans as a Cultural System

New Orleans as a Cultural System

Analyzing the City as a cultural system, the course explores the nature of the intersections among diverse cultural phenomena such as space, ritual, food, and music.

credit hours: 3

AMST 4560 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic coursework. Open only to juniors and seniors in good standing. Registration is completed in the academic department sponsoring the internship on TUTOR.

Notes: A maximum of six credits may be earned in one or two courses.

Pre-requisites: Approval of instructor and program director.

credit hours: 3

AMST 4570 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic coursework. Open only to juniors and seniors in good standing. Registration is completed in the academic department sponsoring the internship on TUTOR.

Notes: A maximum of six credits may be earned in one or two courses.

Pre-requisites: Approval of instructor and program director.

credit hours: 3

AMST 4910 Independent Studies

Independent Studies

Open to qualified juniors and seniors only.

credit hours: 3

AMST 4920 Independent Studies

Independent Studies

Open to qualified juniors and seniors only.

credit hours: 3

AMST 5010 Seminar in American Studies

Seminar in American Studies

Seminar primarily for American studies majors, generally taken in the senior year, involving an in-depth study of a major motif, movement, or problem in American intellectual or religious thought. The production of an acceptable research paper demonstrates competence in American studies.

credit hours: 3

AMST H4990 Honors Thesis

Honors Thesis

Only one of these courses will count towards requirements for the major.

credit hours: 3

AMST H5000 Honors Thesis

Honors Thesis

Only one of these courses will count towards requirements for the major.

credit hours: 3

ANTH 1010 Introduction to Biological Anthropology

Introduction to Biological Anthropology

This course provides an introduction to the study of Homo Sapiens from an evolutionary, biological, behavioral, and biocultural perspective. Topics covered include: the history of evolutionary thought, basic human genetics, the anatomy and behavioral ecology of the living primates, human evolution via the study of fossil hominins, modern human variation and adaptation, and the study of the human skeleton in forensic anthropology and bioarchaeology.

credit hours: 3

ANTH 1020 Cultural Anthropology

Cultural Anthropology

The observed range of variation of ways of life around the world. The cross-cultural investigation of becoming and being human. Comparative treatment of social organization, subsistence activities, values, and religion.

credit hours: 3

ANTH 1030 Languages of the World

Languages of the World

This course aims to equip students with some basic facts about the world's languages, a fundamental prerequisite to understanding the nature of human language. We will be examining: (1) the diversity of languages across space and time, and (2) the fundamental similarities of languages. We will address a range of questions about language through an exploration of the following areas: language families and historical relationships, linguistic typology, language universals, sound and structure features of the world's languages, and writing systems.

credit hours: 3

ANTH 1040 Ancient Societies

Ancient Societies

Introduction to key transformations in human history and prehistory as they have been identified and discussed by anthropological archaeologists. Consideration of basic principles of archaeology, human evolution and expansion, origins of agriculture and sedentary village societies, development of archaic states and ancient civilizations. Of interest to majors and prospective majors in anthropology and related fields.

credit hours: 3

ANTH 1140 Freshman Seminar

Freshman Seminar

Description varies; specific description available when offered.

credit hours: 3

ANTH 2020 Visual Languages Across Cultures

Visual Languages Across Cultures

Most research on language takes speech as the main domain of investigation. However, humans use not only speech but also meaningful hand movements called 'gestures' when they communicate. Furthermore, there are many communities where the speech is absent in linguistic communication. For example, deaf communities across the world use sign languages that are produced and perceived only in the visual-spatial modality. This course aims to give an interdisciplinary and state of the art overview of the role of the body in the structuring and functioning of the human language faculty. The course will present cross-cultural and cross-linguistic findings from these new fields relating them to discussions of embodied cognition and semantics, situated use of language, the link between language and action and their neural correlates. This course fulfills the departmental goal of providing its students with the knowledge of appreciation for the cultural and linguistic diversity of humanity.

credit hours: 3

ANTH 2030 The Anthropology of Women and Men

The Anthropology of Women and Men

A cross-cultural survey of women in society and culture among hunters and gatherers, pastoral nomads and agriculturalists of Oceania, the Near East, Africa, and the New World. Kinship and female symbolism in Africa, women and men in myths in traditional societies. Cross-cultural variability of women's roles and status and the variability of women's and men's language and behavior.

credit hours: 3

ANTH 2100 Myth and Life

Myth and Life

Traditional oral narratives in their social and cultural context. The functions of myth in developing individual character and supporting social values. The structure of myth. Causes and limits of change.

credit hours: 3

ANTH 2340 Introduction to Archaeology

Introduction to Archaeology

Introduction to basic principles of archaeological method and theory. Consideration of the history of archaeology, major paradigms in archaeological thought, basic techniques of fieldwork, basic techniques in analyzing archaeological finds, and intellectual frameworks for interpreting patterns in archaeological datasets. Consideration of selected case studies. Of interest to majors and

prospective majors in anthropology, and potentially to majors in classical archaeology and related fields.

credit hours: 3

ANTH 2350 Architecture and Power in the Ancient World

Architecture and Power in the Ancient World

This class will explore how political, religious, ideological and cultural ideas among the world's earliest urban civilizations were inscribed in the landscape in the form of monumental construction. To achieve these objectives the class will study five different regions of the ancient world with the goal of evaluating how built space (buildings, monuments, and public plazas) helped develop and maintain socio-political hierarchy, i.e., "civilization".

credit hours: 3

ANTH 2360 Ancient Trade and Commerce

Ancient Trade and Commerce

Introduction to the study of regional and interregional trade and exchange in ancient times based on archaeological evidence. This course considers diverse theories and methods developed to make archaeological inferences about ancient trade and exchange and examines how the study of trade and exchange informs us about sociopolitical systems and economic relations and how they vary over time and space. Of interest to majors and prospective majors in anthropology and related fields.

credit hours: 3

ANTH 2880 Writing Practicum

Writing Practicum

Writing practicum.

Notes: Fulfills the college intensive-writing requirement.

credit hours: 1

ANTH 3010 Hunters and Gatherers

Hunters and Gatherers

Comparative study of selected modern and past groups of hunter-gatherers. Anthropological approaches to understanding subsistence practices, social organization, and cultural change in non-agricultural societies. Both ethnographic and archaeological cases will be considered.

credit hours: 3

ANTH 3050 North American Indians

North American Indians

Native North American cultures from the time of European contact to the 20th century. Cultural variation from the Arctic to northern Mexico and the adjustments to modern life.

Notes: See ANTH 6050.

credit hours: 3

ANTH 3060 South American Indians

South American Indians

Ethnology of the indigenous peoples of lowland South America and adjacent southern Central America. The course examines cultural developments from prehistory to the present. Models for the classification of indigenous cultures, societies, and languages are critically reviewed.

Notes: See ANTH 6060.

credit hours: 3

ANTH 3070 Contemporary Chinese Society

Contemporary Chinese Society

Brief introduction to Chinese history and mainstream cultural traditions. Anthropological examination of the shared and contrasting identities and experiences of peasants, urbanites, and the members of different ethnic groups.

Notes: See ANTH 6070.

credit hours: 3

ANTH 3080 East Asia

East Asia

Anthropological examination of East Asia, focusing on China, Japan, and Korea. Topics include mainstream philosophical traditions, individual and society, ethnicity and nationalism, gender and globalization.

Notes: See ANTH 6080.

credit hours: 3

ANTH 3090 Selected Cultural Systems

Selected Cultural Systems

Systematic treatment of specific cultures of the past and present.

credit hours: 3

ANTH 3110 Cultures of Sub-Saharan Africa

Cultures of Sub-Saharan Africa

A survey of the cultures of sub-Saharan Africa from the time of European contact to the present. A detailed study of selected African cultures, identifying, and explaining cultural diversity and unity of African cultures, and comparing African cultures with cultures of other geographic areas. Inequality, development, the family, gender roles, kinship systems, and world view are considered.

credit hours: 3

ANTH 3120 Anthropology of Sex and Reproduction

Anthropology of Sex and Reproduction

An exploration of the interrelatedness of biological, behavioral, cultural, social, and political aspects of human sex and reproduction. Current issues, such as new reproductive technologies, the biology and culture of pregnancy and childbirth, mate choice, will be examined from within an evolutionary framework and/or using a cross-cultural approach.

credit hours: 3

ANTH 3140 Primate Ecology and Behavior

Primate Ecology and Behavior

An introduction to the social and physical diversity of the Order Primates, emphasizing the biology, ecology, and behavior of living nonhuman primates. Social structure will be explored from an evolutionary perspective, and the ecological and social constraints on behavioral flexibility will be examined. Examples will cover both field and laboratory investigations of nonhuman primates.

Notes: Students may not take both ANTH 3140 and ANTH 6140 for credit.

credit hours: 3

ANTH 3160 Peoples of the Pacific

Peoples of the Pacific

Introduction to the cultures of Polynesia, Micronesia, Melanesia, and Australia from the first settlement to the emergence of modern nation-states.

credit hours: 3

ANTH 3180 Ethnic China

Ethnic China

This seminar course examines the socio-cultural diversity of China from an anthropological perspective and a multi-ethnic approach.

credit hours: 3

ANTH 3190 Economic Anthropology

Economic Anthropology

The study of economic behavior in band, tribal, and peasant societies. Emphasis on the impact of culture and environment on economic decision-making in the Third World. Competing theoretical approaches, particularly evolutionary, ecological, substantivist and Marxist are critically reviewed.

credit hours: 3

ANTH 3195 Financial Lives

Financial Lives

This course focuses on the expansion of financial services on daily life in both U.S. and non-U.S. societies. We will use ethnographic case-studies to explore different institutions and mechanisms by which people organize their debt and credit relations. The first part of the course will be an overview of anthropological concepts and frameworks for understanding debt and sociality. The second part will focus on the diverse meanings of homeownership in U.S. society, Brazil, and China.

credit hours: 3

ANTH 3200 Magic, Witchcraft and Religion

Magic, Witchcraft and Religion

This course is an exploration into religion and the occult. We will examine a wide range of topics, such as hauntings, spirit possession, the role of evil in the moral imagination, and the construction of symbols as well as various practices associated healing, witchcraft (or sorcery) accusations, and the experience of suffering and death. Anthropological approaches challenge the categories of "religion" and "witchcraft", which stem from Western conceptions of reality, Christianity, and ethnocentric views of the "other".

credit hours: 3

ANTH 3220 Ethnology of Insular Southeast Asia

Ethnology of Insular Southeast Asia

Peoples and cultures of Island or Maritime Southeast Asia, from the Andaman Islands in the west to the Bismarck Archipelago in the east. Biogeographic distinctions between Indo and Austro SE Asia; evolutionary implications for people and fauna. Paleolithic, Neolithic, bronze, and iron ages from 40 kya to 1st millennium CE. Early developments in Austro-Asiatic and Austronesian languages. Commercial contacts with ancient Rome, India, China. Impacts of Hinduism, Buddhism, Islam, and Christianity. Prehistoric and early colonial entrepôts. Colonial development of ethnicities associated with Chinese, Arabic, Malay, Tamil, Aslian, Kmer, Portuguese, Dutch, and English. Identity issues, ethnohistory and ethnobiology of Aslian (Orang Asli) peoples to the present.

credit hours: 3

ANTH 3230 Zooarchaeology

Zooarchaeology

This provides basic instruction in the identification of large mammal remains commonly recovered from archaeological sites. In addition, a taphonomic approach to zooarchaeology is stressed, with an emphasis on understanding and interpreting the formation of archaeological faunal assemblages.

credit hours: 3

ANTH 3260 Highland Mexican Prehistory

Highland Mexican Prehistory

Patterns and processes of cultural development in the highlands of central Mexico, western Mexico, and Oaxaca as known from archaeological and ethnohistorical data. Early cultures, Toltecs, Aztecs, Mixtecs, Zapotecs.

Notes: See ANTH 6260.

credit hours: 3

ANTH 3280 Middle American Indians

Middle American Indians

Colonial and modern indigenous cultures of Mexico and Central America.

credit hours: 3

ANTH 3290 The Nature of Language

The Nature of Language

Language as a reflection of the human mind and the role of language in defining the essence of humanity. Language and the expression of social values. Emphasis on analysis of primary linguistic data. Critical examination of theories of linguistic structure.

credit hours: 3

ANTH 3300 History of Writing

History of Writing

This course looks at the different systems of writing which have been used in various cultures through time with attention to the materials and purpose in relation to the cultures. Orientation to and practice in decipherment are included. Finally, the issues of modern script development are introduced.

credit hours: 3

ANTH 3310 Introduction to Historical Linguistics

Introduction to Historical Linguistics

Historical Linguistics traces language change over time. Reconstruction through comparative method and internal paradigm examination is used to retro-project earlier stages of a language or a language family, elucidating interrelationships among languages, paths of migration, spheres of influence, and varieties of contact. Reconstructed vocabulary yields inferences about ancient homelands, social organization, and culture constructs. The processes observed in language change yield insights into human cognition and the language faculty.

Notes: Capstone for LING (5110 option).

credit hours: 3

ANTH 3330 Anthropology of Gender

Anthropology of Gender

A theoretical and ethnographical examination of how gender is constructed across cultures.

Topics include sex and gender, gender identity, bodily experiences, masculinity and femininity, gender roles, kinship and gender, gender stratification, and gender equality, as well as gender, ethnicity, and class.

credit hours: 3

ANTH 3350 Culture and Religion

Culture and Religion

Religions, ideas, ritual, and organization of primitive peoples; nativistic and messianic movements; function of religion in social systems.

Notes: See ANTH 6350.

credit hours: 3

ANTH 3360 Anthropology of Cities

Anthropology of Cities

This course focuses on anthropological approaches to cities and urban life. Topics include the cultural meanings of public space and the built environment, processes of social differentiation and class formation, the role of capital, and the emergence of social movements. The second half of the course is organized around a comparison of four ethnographic case-studies of cities outside the United States and Europe. Throughout the semester, studies will also discuss how anthropological approaches may be applied to New Orleans.

credit hours: 3

ANTH 3370 Locating Southeast Asia

Locating Southeast Asia

This course examines contemporary Southeast Asia. As one of the most diverse regions in the world, the region confounds easy characterization. The first part of the course provides students with a broad overview of the social, cultural, and political institutions of the region with a focus on Indonesia, Thailand, the Philippines, and Vietnam. The second part turns to contemporary issues including political and economic development, religious change, and cultural constructions of identity. Readings include academic essays, short stories, and full-length ethnographies.

credit hours: 3

ANTH 3380 Cultural Dynamics

Cultural Dynamics

An exploration of the development in the western tradition of ideas concerning culture, its variation, and change. The course focuses on the specific insights of anthropology with regard to the study of change processes such as innovation, directed culture change, nativism, and revitalization. The relevant contributions of other social sciences will also be considered.

credit hours: 3

ANTH 3385/6385 Creoles & Creolization

Creoles & Creolization

Overview of theory and ethnography of current and historic processes of sociocultural contact and comingling primarily in the New World African-European-Indigenous societies that result in emergent shared group identifications. The course examines how creolization allows for cultural continuity and creativity in such new social orders where a Creole language and/or identity may be formed. Admission: anthropology and linguistics majors at level of Jr. or above; graduate

students; others by permission of instructor

Pre-requisites: Admission: anthropology and linguistics majors at level of Jr. or above; graduate students; others by permission of instructor

credit hours: 3

ANTH 3395 Ethnography of Performance and Identity in New Orleans and French Louisiana

Ethnography of Performance and Identity in New Orleans and French Louisiana

This course focuses on symbolic meaning in the vernacular expressive culture or folkloric forms of community groups in New Orleans, French Louisiana, the Gulf South region and selected out migrant locations. It addresses differential identities of tribal, ethnic, regional, religious, linguistic, occupational, class and gender affiliations--and examines aesthetic forms as a primary means to do so. Some of these are largely intangible such as music and dance, ritual and festival, narrative and jokes; others are tangible or material culture to varying degrees such as the built environment (houses, boats, landscape use), crafts, costumes and cuisine. All are examined via ethnographic and historical writing, oral histories and documentary media as to how shared cultural knowledge is performed in an array of contexts. These include dancehalls, Carnival parades, second lines, work settings, festivals, neighborhood museums, sacred spaces and so on.

Notes: Capstone.

credit hours: 3

ANTH 3400 Language and Culture

Language and Culture

Acquiring and using techniques of conducting linguistic field work. Investigation of one or more languages by working with native speakers. Emphasis on defining problems, developing and testing hypotheses.

Notes: Capstone for LING and ANTH as a 5110 add-on.

Pre-requisites: ANTH 1030 or ANTH 3290 or instructor permission.

credit hours: 3

ANTH 3435/6435 Disasters and Past Societies

Disasters and Past Societies

Consideration of case studies in how past societies have prepared for or responded to disasters, critical reflection on "natural" and "cultural" forces that contribute to catastrophic events and that shape the aftermath of disasters, comparative assessment of relationships between culture and environment, and application of resilience theory and models of cultural collapse towards understanding the effects of disasters on past societies.

credit hours: 3

ANTH 3440 Dialectology

Dialectology

Introduction to language variation both geographically and socially. The course looks at the history and methods of dialectology as well as the ways speakers demonstrate identity through speech patterns.

credit hours: 3

ANTH 3441 Lexicography: Dictionaries and How to Make Them

Lexicography: Dictionaries and How to Make Them

Lexicography is the making of dictionaries. Dictionaries take many forms and fulfill many functions. Dictionaries have evolved new formats; professional lexicographers share word gleanings with internet users. Dictionaries may be monolingual, di-, tri-, or multi-lingual, etymological or encyclopedic, synchronic or diachronic, prescriptive or descriptive, terminological or generic. Dictionary construction requires a number of skills which co-vary with the type of dictionary to be produced. This course provides an overview of dictionaries, their forms, formats and histories, while fostering a basic skill set for harvesting words and compiling lexicons. Dictionaries provide a cognitive map to communities of speakers, both past and present.

Notes: Writing Practica Option.

credit hours: 3

ANTH 3450 Methods of Observation in Behavioral Research

Methods of Observation in Behavioral Research

This course focuses on the development, design, analysis, and presentation of research on behavior using observational methods. While these methods can be used on captive populations (zoo, research center) they are also appropriate for studies of free-ranging animals, including human beings. The student will be exposed to the specific challenges of observational research, and learn appropriate levels of analysis.

credit hours: 3

ANTH 3470 The Many Faces of Islam

The Many Faces of Islam

Islam is a fundamental human experience in diverse socio-historic and cultural milieux. Ethnographies of Muslim communities highlight the heterogeneity of Islamic perspectives and traditions. Focus on culturally situated Islamic practices and belief systems fosters a critical understanding of the emergent Islamic identities and their historico-cultural underpinnings.

credit hours: 3

ANTH 3480 African Modernities

African Modernities

This course focuses on the problem of conceptualizing modernity in Africa. Examining cases from throughout the continent, we will consider cultural developments such as romantic love, fashion, and consumption as well as new forms of religiosity and novel developments in established religions, economic change, state corruption, and violence.

credit hours: 3

ANTH 3510 Race, Ethnicity, and Nationalism

Race, Ethnicity, and Nationalism

Theoretical and ethnographic examinations of race, ethnicity, and nationalism. Topics also include multiculturalism, globalization, and diasporas.

Notes: See ANTH 6510.

credit hours: 3

ANTH 3520 Diaspora Yoruba

Diaspora Yoruba

Familiarizes students with the fundamentals of Yoruba language and culture; shows students how Diaspora dynamics have changed Yoruba language and culture; uses Diaspora Yoruba to teach students the principles of language death and innovation involving tones, vowels, nasalization, word formation, and sentence structure.

credit hours: 3

ANTH 3530 Arts of Native North America

Arts of Native North America

A survey of the great range of media and the many forms of aesthetic expression developed by the indigenous peoples of what today are the United States and Canada. The course examines the functions of art in smaller-scale societies and illustrates aspects of their dynamics. Changes in arts due to European contact, attempts at revivals of specific genres, and the emergence of named artists in the 20th century are also addressed.

Notes: See ANTH 6530.

credit hours: 3

ANTH 3535 Native American Languages and Linguistics

Native American Languages and Linguistics

This course will explore the richness of the linguistic diversity still preserved in the Native American languages of this hemisphere. Two thirds of the Native American languages spoken at time of European immigration have perished. Today even languages with large communities of fluent speakers face heavy assimilatory pressures. Language loss and simplification are rapidly changing the wordscape of the Americas.

Notes: Writing Practica Option.

credit hours: 3

ANTH 3540 Indians of the Great Plains

Indians of the Great Plains

Popularly considered as the very image of the American Indian, 19th-century Great Plains cultures were a recent and, tragically, short-lived florescence, made possible largely by the introduction of the horse. Horses encouraged the development of a new lifestyle and attracted immigrant peoples from every direction. The course will examine traditional cultures, the change to a nomadic equestrian existence, and the ways in which diverse immigration groups quickly developed very similar ways of life.

Notes: See ANTH 6540.

credit hours: 3

ANTH 3550 Social Change, Sustainability, and Postcolonial Identity in the Caribbean

Social Change, Sustainability, and Postcolonial Identity in the Caribbean

The St. Martin Program is an intensive, immersive service-learning program that combines a 3-credit class (ANTH 3550: Social Change, Sustainability, and Postcolonial Identity in the Caribbean) with community engagement. The course is based in the small binational island of St. Martin (Lesser Antilles). It includes a mandatory, zero-credit service-learning component, which will satisfy the 2nd tier service-learning requirement for sophomores, juniors, and seniors. The primary purpose of the program is for students to meaningfully engage with locals, work and meet with community members committed to cultural, food, and economic sustainability, as well as gain an in-depth understanding of anthropological concepts and research methodology, especially as they relate to postcolonial contexts and the shaping of cultural/linguistic identities and socio-economic/political systems.

credit hours: 3

ANTH 3560 Environmental Archaeology

Environmental Archaeology

credit hours: 3

ANTH 3590 Introduction to Syntax

Introduction to Syntax

Introduction of transformational generative syntax, with examples from selected areas of English grammar. Formal models in grammatical description. Emphasis on the logic of linguistic argumentation.

credit hours: 3

ANTH 3630 Linguistic Phonetics

Linguistic Phonetics

The course offers an overview of articulatory and acoustic phonetics with emphasis on matching acoustic cues closely with the articulatory gestures. The first part of the course will study the articulatory and acoustic cues to range of English and non-English speech sounds with information about the normal range of variation. The second part will focus on collecting and interpreting acoustic data, and using such data as evidence to solve phonological problems in normal and pathological speech.

credit hours: 3

ANTH 3640 Studies in Phonology

Studies in Phonology

This course provides an introduction to phonological analysis and theory, with strong emphasis on description and analysis of data from a wide variety of languages. Major issues to be addressed include universal principles of human phonological systems, language-specific variation, constraints on representation of rules, the relationship of phonology to morphological and syntactic components of the grammar, and the historical underpinnings of current theoretical models.

Pre-requisites: ANTH 3630.

credit hours: 3

ANTH 3660 Discourse Analysis: Pragmatics of Language Use

Discourse Analysis: Pragmatics of Language Use

Study of written and spoken texts from a variety of languages and language use contexts. Focus on structural aspects of language (noun phrase construction and anaphora, topicalization, focus constructions, word order, deictics, and definite reference) as they relate to the situated use of language.

credit hours: 3

ANTH 3670 Language and Its Acquisition

Language and Its Acquisition

This course provides an introduction to issues such as the genetic basis of language ability and acquisition; neurological aspects of linguistic knowledge; first language acquisition. Emphasis will be laid on child language data collection, description and analysis. Other issues covered are: (1) language acquisition in special populations (deaf children, blind children, children with mental retardation, children with autism and children with specific language impairment); (2) childhood bilingualism.

Notes: Capstone for LING (5110 option).

Pre-requisites: ANTH 1030, ANTH 3290 or instructor permission.

credit hours: 3

ANTH 3680 Language and Power

Language and Power

Exploration of the ways that language indexes, reflects, and constructs power. Cross-cultural study of the interrelationship of social ascriptions, attitudes toward groups and their members, and the speech patterns of in-group/out-group members. Examination of the manipulation of power and its linguistic correlates in the domains of medicine, the media, education, and the law. Effects of language policy, especially officialization and standardization, on speakers of minority languages or codes.

credit hours: 3

ANTH 3690 Language and Gender

Language and Gender

An exploration of the structures of language, phonological, morphological, syntactic, semantic, and pragmatic, as they index, inter-relate with, and construct gender identities cross-culturally.

credit hours: 3

ANTH 3700 Environmental Anthropology

Environmental Anthropology

Critically reviews case studies of ecosystemic and energetic relations between human populations, cultures, and the environment in diverse ethnographic settings of the world, such as Amazonia, the Great Basin, New Guinea, and Southeast Asia. Examines the historical emergence of ecological paradigms in anthropology. Compares the modern contributions of cultural ecology, evolutionary ecology, ethnoecology, and historical ecology. Evaluates potential contributions of ecological anthropology to general ecology.

credit hours: 3

ANTH 3710 Historical Ecology of Amazonia

Historical Ecology of Amazonia

Interactions between local peoples and Amazonian landscapes from prehistory to the present. Amazonian landscapes as an analytic unit will be examined from the interdisciplinary perspective of historical ecology. Changes and development of forests and savannas since the arrival of human beings. Historical, ecological, cultural forces involved in biological and edaphic diversity in modern forests. Long-term effects of prehistoric and historic human occupations and manipulation of landscapes. Implications for conservation and development.

Notes: See EBIO 3710/6710 and ANTH 6710.

credit hours: 3

ANTH 3720 Adaptation and Human Variability

Adaptation and Human Variability

Biological adaptations of living human populations to their environments, and the interaction of these adaptations with cultural patterns. Relationships of body size, form, and composition to climatic and nutritional factors in various geographical groups of modern man. Major adaptive problems facing the human species are discussed and implications for the future explored.

credit hours: 3

ANTH 3730 Principles of Forensic Anthropology

Principles of Forensic Anthropology

Introduction to forensic anthropology, a subdiscipline of physical anthropology concerned with the identification of human skeletal remains in medico-legal contexts. Surveys the history of the

field and the techniques used to determine age, sex, and physical characteristics of an individual from skeletonized remains, as well as methods used for positive identification, estimating time since death, and determining cause and manner of death.

credit hours: 3

ANTH 3745 Bioarchaeology of Mummies

Bioarchaeology of Mummies

Mummified human remains open a fragile window into the past. They provide unique information about the physical characteristics, health and diet of ancient peoples, as well as information on cultural modification of the body (head shaping, piercing, tattooing, hair styles), funerary practices, and cultural concepts of death and the afterlife. Mummies can be investigated from various perspectives (textual, iconographic, biomedical, ethnographical, archaeological), but are studied most effectively using a multidisciplinary approach involving archaeologists, biological anthropologists, conservators, and specialists in medical imaging, paleogenetics and geochemistry. Bioarchaeology, the application of biological anthropology to archaeological research questions, is a term commonly used today to describe this multidisciplinary approach to studying the dead. This course will examine preserved human bodies from around the world, with an emphasis on scientific studies that seek to reconstruct their life histories and postmortem treatment.

credit hours: 3

ANTH 3750 Bones, Bodies, and Disease

Bones, Bodies, and Disease

Survey of the field of paleopathology, the study of health and disease in ancient populations. Topics include methods for identifying evidence of injury and disease in bones, teeth, and mummified tissue; ancient medicine and surgery; chemical approaches to reconstructing diet; and human health trends through time.

credit hours: 3

ANTH 3755 Human Osteology

Human Osteology

The objective of this course is to learn the anatomy of the human skeleton and dentition and the techniques physical anthropologists use to excavate, identify, and analyze human skeletal remains. You will learn how to identify the various bones of the skeleton, how to distinguish human from non-human bone, how to determine sex and estimate age at death; and how to measure bones in order to reconstruct living stature and physical characteristics from skeletal remains. Examples from archaeological excavations and forensic cases will be used to illustrate the kinds of information human skeletons can provide about ancient and modern populations. Practical and written exams and laboratory exercises hone your skills at recognizing anatomical landmarks, identifying fragmentary osteological material, measuring bones, and conducting a detailed skeletal inventory.

credit hours: 3

ANTH 3760 Primate Evolution and Adaptation

Primate Evolution and Adaptation

This course will focus on the anatomy, evolution and adaptive radiation of the Order Primates. Basic information on living primates and detailed investigation of the primate fossil record will be presented. The dynamic nature of the field will be the subject of class discussion and investigative essays.

credit hours: 3

ANTH 3780 Language Death

Language Death

Every fortnight a human language dies. Half the languages spoken in the Western Hemisphere at the turn of the 19th century have died. This course examines the forces that lead to language death, strategies that speakers whose linguistic heritage is endangered may deploy to revitalize their languages, and tools that linguists have used to preserve the knowledges of human speech communities.

credit hours: 3

ANTH 3850 The Four Field Model

The Four Field Model

Philosophical underpinnings of general anthropology. Epistemological ramifications of four anthropological fields (subdisciplines) as complete coverage of the subject matter. Contingency vs. rationale in the amalgamation of the four fields, as distinctive and definitive of the holistic study of *Homo sapiens*. Initial development of the model in the British Isles; institutionalization in 20th century North America. Connections to study of natives of the New World and salvage ethnography. Growth and specialization in subdisciplines. Debates over the logic and practicality in continuing cohesion of the model. May be taken as capstone, with ANTH 5110. Students who sign up for the capstone, will have an extra class session, times listed under ANTH 7850.

credit hours: 3

ANTH 3880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

ANTH 4060 Proseminar in Anthropology

Proseminar in Anthropology

It is a four-field seminar course, covering archaeology, linguistics, physical anthropology and socio-cultural anthropology. Topics vary with the current research interests of the faculty presenting the course. Students do primary and secondary research, present their findings orally and in writing. This course draws together the four subdisciplines of anthropology, integrating them in the approach to a body of theory, an array of methods and an emerging set of data congruent with the topical theme.

Notes: This course is required for the major and fulfills the capstone requirement.

Pre-requisites: Junior or senior anthropology major status.

credit hours: 3

ANTH 4080 Race and Nation in the Spanish Caribbean

Race and Nation in the Spanish Caribbean

This course provides a comparative survey of the interwoven dynamics of race, class and national formation in the making of the Spanish-speaking Caribbean. Drawing on a range of readings in history, media studies, music, fiction writing and poetry as well as anthropology, this course will explore the overlapping historical contexts of Cuba, Puerto Rico, and the Dominican Republic in addition to related impacts of Haiti and its Revolution. The focus of attention will be

placed on the on-going centrality of racial dynamics in these island nations from slave-based sugar plantations to reggaetón music.

credit hours: 3

ANTH 4120 Conquest and Colonialism

Conquest and Colonialism

Comparative and global perspectives on the archaeology of culture contact and colonialism.

Notes: Usually offered in conjunction with ANTH 7120. (counts as capstone)

credit hours: 3

ANTH 4130 North American Prehistory

North American Prehistory

A survey of the archaeology of Canada and the United States from the appearance of man in the New World to the arrival of the Europeans.

credit hours: 3

ANTH 4150 African Prehistory

African Prehistory

Survey of African prehistory from the earliest tool-makers (Olduvai Gorge, etc.) to protohistoric times. Emphasis on Africa south of the Sahara for later prehistory. Africa's role in human origins, development and spread of food-producing economies, the African Iron Age, early contacts with Arabic and European peoples.

credit hours: 3

ANTH 4210 Seminar in Historical Ecology

Seminar in Historical Ecology

credit hours: 3

ANTH 4260 Archaeology of the U.S. Southwest

Archaeology of the U.S. Southwest

This course looks at the development of prehistoric and early historic cultures of the U.S. Southwest. Both archaeological and early historical evidence of indigenous peoples and early explorers will be examined.

credit hours: 3

ANTH 4270 Roots of Western Civilization

Roots of Western Civilization

Cultural history of Southwestern Asia and Europe from the Mesolithic, through the development of food production, to the beginnings of civilization. Emphasis upon the beginnings of complex societies and urban life and their early, pre-Roman development in Europe.

credit hours: 3

ANTH 4410 Olmec and Maya Civilization

Olmec and Maya Civilization

Examines the development of highly advanced cultures and societies in one of the centers of native American civilization. Although the presentation stresses archaeological data, the course considers pre-Hispanic aesthetic achievements, social organization, values, written records, and adaptation to varying environments.

credit hours: 3

ANTH 4510 Species and Species Concepts in Human Paleontology

Species and Species Concepts in Human Paleontology

The number of proposed fossil hominid/hominin species has mushroomed in recent years yet the recognition of species in the human fossil record remains a daunting task. However, in order to reconstruct the phylogenetic (ancestor-descendent) relationships among humans, our ancestors, and close collateral relatives, we must group hominin fossils into meaningful taxonomic categories, ones that likely reflect truly monophyletic (shared common ancestor) descent patterns. This course explores different evolutionary species concepts and their applicability to human paleontology. Current approaches to the reconstruction of phylogenetic relationships are then discussed, and the taxonomic status of hominin species is assessed.

Notes: This course can be taken to fulfill the capstone requirement.

credit hours: 3

ANTH 4560 Internship

Internship

Internships in anthropology are available to qualified juniors and seniors on a limited basis for individual projects conducted in association with various private firms, public and private organizations, or governmental institutions in New Orleans. Students will work under professional supervision at these sites, and consult with a faculty sponsor. Requirements include a written report on the experience, and an evaluation by the supervisor.

Notes: Credit for major elective requirement only.

Pre-requisites: Approval of instructor.

credit hours: 3

ANTH 4570 Internship

Internship

Internships in anthropology are available to qualified juniors and seniors on a limited basis for individual projects conducted in association with various private firms, public and private organizations, or governmental institutions in New Orleans. Students will work under professional supervision at these sites, and consult with a faculty sponsor. Requirements include a written report on the experience, and an evaluation by the supervisor.

Notes: Credit for major elective requirement only.

Pre-requisites: Approval of instructor.

credit hours: 3

ANTH 4610 Ceramic Analysis

Ceramic Analysis

A laboratory course dealing with the descriptive analysis of archaeological ceramics. Introduction to aspects of ceramic technology, classification, description, and the use of ceramics in archaeological research. Emphasis will be on practical methods and techniques for analyzing, describing, reporting, and graphically representing ceramic artifacts.

credit hours: 3

ANTH 4620 Lithic Analysis

Lithic Analysis

A laboratory course dealing with the technological analysis of lithic artifacts. Introduction to fracture mechanics and flint napping, debitage analysis and classification. Application of principles and methods of technological classification, description, and graphical representation to archaeological specimens and modern replicates.

credit hours: 3

ANTH 4880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

ANTH 4910 Independent Studies

Independent Studies

By arrangement.

credit hours: 1-3

ANTH 4920 Independent Studies

Independent Studies

By arrangement.

credit hours: 1-3

ANTH 4930 Languages of Louisiana

Languages of Louisiana

Examines the current and historical linguistic situation in Louisiana, from indigenous languages spoken at the time of contact with Europeans to the present. Covers basic features of the languages as well as their social settings. Students will further conduct independent field research projects, alone or in small groups, focusing on languages spoken in southern Louisiana, in particular in the city of New Orleans.

Notes: Capstone.

credit hours: 3

ANTH 4950 Special Projects

Special Projects

By arrangement.

credit hours: 3

ANTH 4960 Special Projects

Special Projects

By arrangement.

credit hours: 3

ANTH 6010 Quantitative Methods in Anthropology

Quantitative Methods in Anthropology

An introduction to mathematical methods relevant to anthropology.

credit hours: 3

ANTH 6020 The Neandertal Enigma

The Neandertal Enigma

The Neandertals are the best-understood group of non-modern fossil hominids, having been known to science since 1856. Yet even today they inspire many provocative questions. Who were the Neandertals? How were they different from us? Did they have language? How and why did they disappear? Were they our ancestors, or did our ancestors out compete them? And if the

Neandertals were not our ancestors, then who were? These are some of the questions we will explore in this class on the classic cavemen".

credit hours: 3

ANTH 6060 South American Indians

South American Indians

Notes: See ANTH 3060 for description.

credit hours: 3

ANTH 6070 Contemporary Chinese Society

Contemporary Chinese Society

Notes: See ANTH 3070 for description.

credit hours: 3

ANTH 6100 South American Archaeology

South American Archaeology

Survey of South American archaeology with primary focus on the Andean area. Overview of culture history from the Paleoindian period through the Spanish conquest.

credit hours: 3

ANTH 6130 Southeastern United States Prehistory

Southeastern United States Prehistory

Survey of the various problems of archaeology of the Southeastern United States.

credit hours: 3

ANTH 6180 Ethnic China

Ethnic China

This seminar course examines the socio-cultural diversity of China from an anthropological perspective and a multi-ethnic approach.

credit hours: 3

ANTH 6210 Development of Anthropological Theory

Development of Anthropological Theory

Origin and development of anthropology since the Renaissance.

credit hours: 3

ANTH 6230 Archaeological Theory

Archaeological Theory

An introduction to theoretical basis of modern archaeology. The implications of theory for excavation, analysis, and interpretation.

credit hours: 3

ANTH 6240 Technical Analyses for Archaeology

Technical Analyses for Archaeology

A survey of scientific analytic techniques that have been adapted for application to common archaeological problems such as site discovery, dating, site formation processes, artifact source and function, and subsistence and diet. Examination of methodological literature and case studies.

credit hours: 3

ANTH 6250 Old World Paleolithic Prehistory

Old World Paleolithic Prehistory

This course offers a synthetic review of the archaeological prehistory and biological evolution of our species. The course examines topics in paleoanthropology ranging from the ancestors of australopithecines in the Miocene to the emergence of complex hunter-gatherer societies at the end of Pleistocene.

credit hours: 3

ANTH 6260 Prehistory of Highland Mexico

Prehistory of Highland Mexico

Notes: See ANTH 3260 for description.

credit hours: 3

ANTH 6270 Culture and Romantic Love

Culture and Romantic Love

Comparative study of romantic love with a focus on non-Western societies. Topics include the debate over the universality of romantic love; cultural delineations, evaluations, and expressions of passionate love, companionate love, and sexual desire; socio-cultural regulations of love, sex, marriage, and non-heterosexual intimacy; romantic love, social change, and globalization.

credit hours: 3

ANTH 6320 Social Structure

Social Structure

History of the development of the structural/functional paradigm in social anthropology.

Diachronic versus synchronic models, statistical versus normative models, decision models, networks, psychological reductionism.

credit hours: 3

ANTH 6340 Medical Anthropology

Medical Anthropology

Survey of the relationships among disease, curing, culture and environment. Topics include problems of adapting modern medicines to diverse cultures; explication of the social and cultural correlates of physical and mental health and disease (social epidemiology); cross-cultural variation in disease concepts, medical practices, role of patients, and mental health; health and nutritional implications of planned culture change; contributions of anthropology to health-policy decisions of development organizations.

credit hours: 3

ANTH 6350 Culture and Religion

Culture and Religion

Notes: See ANTH 3350 for description.

credit hours: 3

ANTH 6395 Ethnography of Performance and Identity in New Orleans and French Louisiana

Ethnography of Performance and Identity in New Orleans and French Louisiana

This course focuses on symbolic meaning in the vernacular expressive culture or folkloric forms of community groups in New Orleans, French Louisiana, the Gulf South region and selected out migrant locations. It addresses differential identities of tribal, ethnic, regional, religious, linguistic, occupational, class and gender affiliations--and examines aesthetic forms as a primary means to

do so. Some of these are largely intangible such as music and dance, ritual and festival, narrative and jokes; others are tangible or material culture to varying degrees such as the built environment (houses, boats, landscape use), crafts, costumes and cuisine. All are examined via ethnographic and historical writing, oral histories and documentary media as to how shared cultural knowledge is performed in an array of contexts. These include dancehalls, Carnival parades, second lines, work settings, festivals, neighborhood museums, sacred spaces and so on.

Notes: Capstone.

credit hours: 3

ANTH 6400 Language and Culture

Language and Culture

credit hours: 3

ANTH 6415 Pidgins and Creoles

Pidgins and Creoles

An overview of the world's pidgin and creole languages and a survey of the theories of their origins. Capstone in Linguistics and Anthropology.

credit hours: 3

ANTH 6420 Linguistic Field Methods

Linguistic Field Methods

Acquiring and using techniques for conducting linguistic field work. Investigation of one or more languages by working with native speakers. Emphasis on defining problems, developing and testing hypotheses.

Notes: Capstone for LING (5110 option).

Pre-requisites: ANTH 1030, ANTH 3290, or instructor permission.

credit hours: 3

ANTH 6480 Human Functional Morphology

Human Functional Morphology

This course covers the functional anatomy of the human body, with emphasis on the structure, function, evolution, and development of the musculo-skeletal and nervous systems. The principle of biological uniformitarianism is used to correlate hard tissue (i.e., teeth and bone) structure with soft tissue function, since soft tissues are only rarely recovered in archaeological or paleontological settings.

credit hours: 3

ANTH 6500 Human Evolution

Human Evolution

An investigation into the evolution of modern *Homo sapiens* over the last ten million years. Emphasis will be placed on the fossil record of human and nonhuman primates, the role of changing environments, and migration patterns. Models from technologically simple cultures and modern nonhuman primates will be included in the consideration of developing social organizations.

credit hours: 3

ANTH 6510 Race, Ethnicity, and Nationalism

Race, Ethnicity, and Nationalism

See ANTH 3510 for description.

credit hours: 3

ANTH 6520 Ethnographic Methods

Ethnographic Methods

Theory and techniques involved in collecting, analyzing, and reporting ethnographic data. Validity, reliability, and precision of participant observation: probes and free lists; sampling frames and types of samples appropriate to the unit of analysis; surveys and questionnaires; selection of key informants; interdisciplinary methods; research design. Consideration of ethical issues, potential conflicts of interest, and university review board procedures and policies. Classroom exercises and field projects.

credit hours: 3

ANTH 6530 Native North American Art

Native North American Art

Notes: See ANTH 3530 for description.

credit hours: 3

ANTH 6540 Indians of the Great Plains

Indians of the Great Plains

Notes: See ANTH 3540 for description.

credit hours: 3

ANTH 6700 Spoken Nahuatl

Spoken Nahuatl

The essentials of Nahuatl phonology, morphology, and syntax. Conversational practice and laboratory sessions along with emphasis on linguistic analysis of the language.

credit hours: 3

ANTH 6710 Historical Ecology of Amazonia

Historical Ecology of Amazonia

Notes: See ANTH 3710 for description.

credit hours: 3

ANTH 6720 Spoken Yoruba

Spoken Yoruba

This course provides an introduction to the Yoruba language. Emphasis on grammar and vocabulary development, listening, speaking, reading, and writing skills. Practice in oral discussion will be enhanced by weekly dramatical presentations, poetry recitals, and story-telling.

credit hours: 3

ANTH 6800 Spoken Yucatecan Maya

Spoken Yucatecan Maya

The essentials of Yucatecan Maya phonology, morphology, and syntax. Oral/aural exercises and conversational practice with a native speaker.

credit hours: 3

ANTH 6810 Introduction to Maya Hieroglyphs

Introduction to Maya Hieroglyphs

A survey of present knowledge about the nature of the pre-Columbian Maya writing system,

including calendrical notation, astronomical calculations, the structure and content of phoneticism, and its relationship to other Mesoamerican writing systems.

credit hours: 3

ANTH 6840 Beginning Kaqchikel (Maya) Language

Beginning Kaqchikel (Maya) Language

Kaqchikel is one of the four largest Mayan groups in Guatemala, having over a million self-identified members, about half of whom speak their native mother tongue. Taught in three Kaqchikel communities in Guatemala, this six week course enables students to achieve conversational fluency and elementary reading/writing skills.

credit hours: 3

ANTH 6845 Beginning K'iche' Language

Beginning K'iche' Language

K'iche' is the largest Mayan language spoken in Guatemala, with about 2.5 million speakers. Situated in Highland Guatemala, it is second only to Spanish in number of speakers. This six week summer course is taught primarily in Nahualá, a town of about 90,000 in the Department of Sololá. Students acquire basic oral and written proficiency in the language.

credit hours: 3

ANTH 6850 Intermediate K'iche' Language

Intermediate K'iche' Language

K'iche' is the largest of the Mayan languages spoken in Guatemala, with about 2.5 million speakers. K'iche' is the language of the home, the market, increasingly the schools and the political arena. This six week summer course is taught primarily in Nahualá, a town of about 90,000 in the Department of Sololá. Students solidify their spoken and written fluency and become acquainted with K'iche' literature and grammar. Prerequisite: ANTH 6845 or permission of instructor.

Pre-requistites: ANTH 6845

credit hours: 3

ANTH 6855 Advanced K'iche' Language

Advanced K'iche' Language

K'iche' is the largest of the Mayan languages spoken in Guatemala, with about 2.5 million speakers. K'iche' is the language of the home, the market, increasingly the schools and the political arena. This six week summer course is taught primarily in Nahualá, a town of about 90,000 in the Department of Sololá. Students solidify their spoken and written fluency and become acquainted with K'iche' literature and grammar. Prerequisite: ANTH 6850 or permission of instructor.

credit hours: 3

ANTH 6860 Introduction to K'iche' Culture

Introduction to K'iche' Culture

This course is an introduction to K'iche' (Maya) culture for students participating in the Mayan Language Institute realized in Guatemala in the municipalities of Antigua and Nahualá. The course will cover basic issues in K'iche' culture and society and present hands-on workshops dealing with specific aspects of the culture. Topics will include kinship patterns and relationships, social interactions, gender roles, religious practices, arts and crafts, and economic structures. Students will have direct experience learning about K'iche' cuisine, milpa agriculture, weaving,

religious ceremonies, calendrical practices, and ceremonial and ritual observances. In addition, students will study examples of contemporary art, music, and literature, including the work of K'iche' poets such as Humberto Ak'abal and Pablo Garcia.

credit hours: 3

ANTH 6880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

ANTH 7090 Analysis of Selected Cultural Systems

Analysis of Selected Cultural Systems

credit hours: 3

ANTH 7100 Quantitative Methods in Archaeology

Quantitative Methods in Archaeology

credit hours: 3

ANTH 7130 North American Prehistory

North American Prehistory

A survey of the archaeology of Canada and the United States from the appearance of man in the New World to the arrival of the Europeans.

credit hours: 3

ANTH 7150 Prehistory of Africa

Prehistory of Africa

credit hours: 3

ANTH 7160 Physical Anthropology

Physical Anthropology

credit hours: 3

ANTH 7170 Seminar in Archaeology

Seminar in Archaeology

credit hours: 3

ANTH 7190 Economic Anthropology

Economic Anthropology

credit hours: 3

ANTH 7270 Later Prehistory of Europe and the Near East

Later Prehistory of Europe and the Near East

credit hours: 3

ANTH 7290 Linguistic Analysis

Linguistic Analysis

credit hours: 3

ANTH 7310 Prehistory of Languages

Prehistory of Languages

credit hours: 3

[ANTH 7380 Cultural Dynamics](#)

Cultural Dynamics

credit hours: 3

[ANTH 7410 Prehistory of Eastern Mesoamerica](#)

Prehistory of Eastern Mesoamerica

credit hours: 3

[ANTH 7440 Problems in Old World Prehistory](#)

Problems in Old World Prehistory

credit hours: 3

[ANTH 7560 Environmental Archaeology](#)

Environmental Archaeology

credit hours: 3

[ANTH 7590 Syntactic Theory](#)

Syntactic Theory

credit hours: 3

[ANTH 7610 Ceramic Analysis](#)

Ceramic Analysis

credit hours: 3

[ANTH 7620 Lithic Analysis](#)

Lithic Analysis

credit hours: 3

[ANTH 7630 Linguistic Phonetics](#)

Linguistic Phonetics

credit hours: 3

[ANTH 7640 Studies in Phonology](#)

Studies in Phonology

credit hours: 3

[ANTH 7650 Morphology](#)

Morphology

credit hours: 3

[ANTH 7660 Discourse Analysis](#)

Discourse Analysis

credit hours: 3

[ANTH 7670 Language and its Acquisition](#)

Language and its Acquisition

credit hours: 3

ANTH 7680 Language and Power

Language and Power

credit hours: 3

ANTH 7690 Language and Gender

Language and Gender

credit hours: 3

ANTH 7700 Ecological Anthropology

Ecological Anthropology

credit hours: 3

ANTH 7750 Human Paleopathology

Human Paleopathology

credit hours: 3

ANTH 7780 Language Death

Language Death

Every fortnight a human language dies. Half the languages spoken in the Western Hemisphere at the turn of the 19th century have died. This course examines the forces that lead to language death, strategies that speakers whose linguistic heritage is endangered may deploy to revitalize their languages, and tools that linguists have used to preserve the knowledges of human speech communities.

credit hours: 3

ANTH 7850 The Four Field Model

The Four Field Model

Philosophical underpinnings of general anthropology. Epistemological ramifications of four anthropological fields (subdisciplines) as complete coverage of the subject matter. Contingency vs. rationale in the amalgamation of the four fields, as distinctive and definitive of the holistic study of Homosapiens. Initial development of the model in the British Isles; institutionalization in 20th century North America. Connections to study of natives of the New World and salvage ethnography. Growth and specialization in subdisciplines. Debates over the logic and practicality in continuing cohesion of the model.

credit hours: 3

ANTH 7930 Languages of Louisiana

Languages of Louisiana

Examines the current and historical linguistic situation in Louisiana, from indigenous languages spoken at the time of contact with Europeans to the present. Covers basic features of the languages as well as their social settings. Students will further conduct independent field research projects, alone or in small groups, focusing on languages spoken in southern Louisiana, in particular in the city of New Orleans.

Notes: Capstone.

credit hours: 3

ANTH 7950 Special Projects

Special Projects

credit hours: 3

ANTH 7960 Special Projects

Special Projects

credit hours: 3

ANTH 9980 Master's Research

Master's Research

credit hours: 0

ANTH 9990 Dissertation Research

Dissertation Research

credit hours: 0

ANTH H4910 Independent Studies

Independent Studies

Open to students in the Honors Program with approval of instructor.

credit hours: 3

ANTH H4920 Independent Studies

Independent Studies

Open to students in the Honors Program with approval of instructor.

credit hours: 3

ANTH H4990 Honors Theses

Honors Theses

Notes: For senior honors candidates. Intensive reading and research in a selected field of anthropology.

credit hours: 3

ANTH H5000 Honors Theses

Honors Theses

Notes: For senior honors candidates. Intensive reading and research in a selected field of anthropology.

credit hours: 3

ARBC 1010 Elementary Arabic I

Elementary Arabic I

Basic introduction to the Arabic language. Emphasis on listening, speaking, reading, and writing.

credit hours: 3

ARBC 1020 Elementary Arabic II

Elementary Arabic II

Second semester of Arabic language.

Notes: Ability to read and write Arabic required.

Pre-requisites: ARBC 111 or equivalent.

credit hours: 3

ARBC 2030 Intermediate Arabic

Intermediate Arabic

Third semester of Arabic language. Continues development of reading and writing Arabic, but emphasis is placed on oral performance. Prerequisites: ARBC 1020. Credit hours: 4

Pre-requisites: ARBC 1020

credit hours: 4

ARBC 3010 Special Topics in Arabic Studies

Special Topics in Arabic Studies

Special topics in language, literature, and culture of the Arab world.

Pre-requisites: ARBC 2030.

credit hours: 3

ARBC 3060 Business Arabic

Business Arabic

Introduction to the vocabulary and topics related to business in the Arabic speaking world.

Prerequisites: ARBC 3150, or permission of instructor. Credit hours: 3

Pre-requisites: ARBC 3150, or permission of instructor

credit hours: 3

ARBC 3150 Advanced Arabic

Advanced Arabic

A continuation of skills developed in ARBC 2030, which is a prerequisite for ARBC 2040. The Arabic language is used as the medium of instruction, and in addition to the further development of reading, writing, listening, and speaking skills, a greater emphasis is placed on culture.

Pre-requisites: ARBC 2030, Intermediate Arabic.

credit hours: 3

ARBC 3300 Arabic for International Relations and Diplomacy

Arabic for International Relations and Diplomacy

Introduction to vocabulary and topics related to contemporary politics, foreign service, international relations and diplomacy through Arabic media. Lexical knowledge and structures related to the topics above through authentic materials, including broadcast media. Prerequisites:

ARBC 3150. Credit hours: 3

Pre-requisites: ARBC 3150

credit hours: 3

ARHS 3111 Tombs and Temples: East Asian Art before 1300

Tombs and Temples: East Asian Art before 1300

"An introduction to the art, architecture and visual culture of China, Korea and Japan from the beginnings to about 1200 CE. The course considers technique, iconography and style and will approach art works in theoretical contexts such as social functions and aesthetic discourses of art."

Notes: Elective in Asian Studies

credit hours: 3

ARHS 3112 Monks and Merchants: East Asian Art after 1100

Monks and Merchants: East Asian Art after 1100

"An introduction to the art, architecture and visual culture of China, Korea and Japan from about 1100 CE. The course considers technique, iconography and style and will approach art works in theoretical contexts such as social functions and aesthetic discourses of art."

Notes: Elective in Asian Studies

credit hours: 3

ARST 3040 Photo Archives: Mapping our Environment

Photo Archives: Mapping our Environment

This course provides a laboratory to develop student artwork through critical thinking and research. Specifically, the course sets out to equip students with the necessary tools and understanding to carry out independent or collaborative research in relation to their art making. By developing partnerships with community organizations that have a need for visual representations related to their cause, we will work to fulfill their needs while simultaneously producing artwork that is meaningful to the student's artistic practice, as well as socially relevant. All students are required to engage in community service and community service is an integral component of the course. Students must have completed a 1000 level course in studio art (ARST) and are expected to enter the class with an intermediate level of understanding of contemporary artistic practice.

Pre-requisites: Any 1000-level Art Course

credit hours: 3

ARHS 1010 Art Survey I: Prehistory through the Middle Ages

Art Survey I: Prehistory through the Middle Ages

An introduction to the history of painting, sculpture and architecture from the Old Stone Age through the ancient Mediterranean world to the end of the medieval period in Western Europe. Considers issues including technique, style, iconography, patronage, historical context, and art theory.

Notes: Required for majors in the history of art.

credit hours: 3

ARHS 1020 Art Survey II: Renaissance to the Present

Art Survey II: Renaissance to the Present

An introduction to the history of Western European and American painting, sculpture and architecture from the Renaissance through the baroque, rococo, and early modern periods to the late 20th century. Considers issues including technique, style, iconography, patronage, historical context, and art theory.

Notes: Required for majors in the history of art.

credit hours: 3

ARHS 2910 Special Topics in the History of Art

Special Topics in the History of Art

Special topics in the history of art. Subjects will vary and may not be available every semester. Individual topics will be listed in the Schedule of Classes.

credit hours: 3

ARHS 3120 Etruscans and Early Rome

Etruscans and Early Rome

A survey of the cultures of Pre-Roman Italy from the Bronze Age to the fall of Veii. The course focuses on the material cultures of Etruscan and Latin Settlements from ca. 900 to 300 B.C.E. Topics include: Etruscan language, economy and trade, sculpture, painting, and Etruscan religion, as well as major social and historical developments in Etruria, Latium, and archaic Rome.

credit hours: 3

ARHS 3130 Egypt Under the Pharaohs

Egypt Under the Pharaohs

The culture of ancient Egypt from the pre-dynastic period through the end of the New Kingdom. The course emphasizes the sculpture, architecture, and painting of the pharaonic periods. Other areas covered are: Egyptian literary and historical documents, Egyptian religion, and major social developments.

credit hours: 3

ARHS 3160 The Aegean Bronze Age

The Aegean Bronze Age

The cultures of the Cycladic Islands, Crete, and the Greek mainland during the Bronze Age (ca. 3200-1150 B.C.E.). Emphasis will be on the major and minor arts of the Minoans and Mycenaeans and how this material can be used to reconstruct the societies, cultures, and religions of the Aegean Bronze Age.

credit hours: 3

ARHS 3170 Greek Art and Archaeology

Greek Art and Archaeology

Greek arts (architecture, sculpture, and painting) and material culture in the light of social, intellectual, and historical developments from the end of the Bronze Age (ca. 1200 B.C.E.) to the end of the Hellenistic period (31 B.C.E.).

credit hours: 3

ARHS 3180 Roman Art and Archaeology

Roman Art and Archaeology

Architecture, sculpture, and painting in Rome and the Roman Empire, their sources, and their history from the Etruscan period through the 4th century C.E.

credit hours: 3

ARHS 3190 Pompeii: Roman Society and Culture in Microcosm

Pompeii: Roman Society and Culture in Microcosm

A survey of Roman culture through the study of the town destroyed by Mt. Vesuvius in 79 C.E. The focus is on the society, politics, religion, domestic life, entertainment, economy, and art of Pompeii and the surrounding region in the early imperial period.

credit hours: 3

ARHS 3200 Early Christian and Byzantine Art

Early Christian and Byzantine Art

A survey of art and architecture in the Mediterranean from the third through the fourteenth centuries, with a focus on the rise of Christian art in the late Roman world and the art of the Byzantine state.

credit hours: 3

ARHS 3210 Art and Experience in the Middle Ages

Art and Experience in the Middle Ages

A survey in which both modern and historical categories of experience are used to understand the art of the Middle ages, especially as it manifested itself in the most characteristic of all medieval forms, the church. Along a chronological and geographical trajectory from Early Christian Rome to Gothic Paris this course will move through topics such as memory, poetry, pilgrimage, the body, gesture, devotion, narrative and liturgy.

credit hours: 3

ARHS 3220 Romanesque and Gothic Art

Romanesque and Gothic Art

This course will examine painting, sculpture, architecture, mosaics, tapestries, metalwork, ivories, and stained glass windows of the late Middle Ages in Europe. Through weekly readings and discussions will also explore themes such as religion, women, the Classical tradition, and cross-cultural contact. Various critical and theoretical approaches to art history will be considered.

credit hours: 3

ARHS 3230 Visual Culture in Golden Age Spain

Visual Culture in Golden Age Spain

This course will study the cultural role of images, largely painting, in Spain during the period 1500-1700. Topics to be explored include: the pictorial use of mythological themes in the projection of imperial power, the importance of portraiture in the legitimization of the Spanish monarchy, the art market and the social status of the artist. While painting will be our main focus, we will examine other visual documents such as maps and read literary works that illuminate the functions of images in the period.

Notes: Counts as elective credit towards the art history major.

credit hours: 3

ARHS 3310 Art of the Early Renaissance in Italy

Art of the Early Renaissance in Italy

Painting and sculpture in Italy from 1250 to 1500 with some attention given to architecture.

credit hours: 3

ARHS 3320 16th-Century Italian Art

16th-Century Italian Art

Painting and sculpture in Italy from the High Renaissance to the Counter Reformation.

credit hours: 3

ARHS 3330 Italian Renaissance Architecture

Italian Renaissance Architecture

A survey of the major architects and their principal achievements in theory and design during the period 1400-1600.

credit hours: 3

ARHS 3360 Art and Desire at the Renaissance Courts

Art and Desire at the Renaissance Courts

An overview of the art and culture of the European courts between about 1300 and 1700, with a particular focus on the themes of love and eroticism. Artists to be discussed include Mantegna, Raphael, Titian, and others.

credit hours: 3

ARHS 3380 Italian Renaissance Art

Italian Renaissance Art

This class is an introduction to the art of Italy and southern Europe between about 1300 and 1575. It will provide a first overview and survey of Italian Renaissance art. It is intended for undergraduates, and no prior knowledge of the historical period is expected. The class is organized chronologically, and spans the period from 1300 to around 1550. Each class is also organized around either a particular maker (Giotto or Leonardo, for instance), a particular place

(Venice, Rome, small courts like Rimini or Mantua), or a larger theoretical issue such as the relations of art and power or the role of erotic art in early-modern culture.

credit hours: 3

ARHS 3410 Theatres of the Baroque

Theatres of the Baroque

This course surveys the visual and material culture of the Baroque world, roughly the period 1575-1750, considering the diverse locales, styles and objects of Baroque artistic production, as related to early modern notions of theatricality. The course is composed of two acts. First, we will investigate the visual culture of several key cities (Rome, Antwerp, Madrid, Mexico City, Munich and Versailles). In the second half of the course will focus on diverse spaces of baroque theatricality (churches, theaters, palaces, civic spaces and the art collection itself). Through these case studies, the course aims to explore how the local economic, religious, political and social contexts for artistic production interact with global networks of exchange and the performance of individual and national artistic identity.

credit hours: 3

ARHS 3420 Van Eyck to Buegel

Van Eyck to Buegel

This course explores the artistic production of the Low Countries, Germany and France in the fifteenth and sixteenth centuries, including painting sculpture, manuscripts, metalwork, tapestries and printmaking. The course will focus on a range of topics, including: technical and iconographic innovations in artistic production, art's devotional function, the changing market for art in this period as well as the early impact of the Reformation on the visual arts in the Low Countries and Germany.

credit hours: 3

ARHS 3430 Rubens to Rembrandt

Rubens to Rembrandt

This course explores the artistic production of the early modern Spanish Netherlands and the Dutch Republic, focusing on key artists (including Rubens, Anthony Van Dyck, Frans Hals, Rembrandt, Vermeer), as well as emerging critical literature on the function and value of art/artists. This course will consider how art was bought and sold; how art was evaluated for its commercial and aesthetic value.

credit hours: 3

ARHS 3440 Italian Baroque Art

Italian Baroque Art

Survey of Italian painting and sculpture in the seventeenth century. Topics include artistic responses to the Counter-Reformation, the Carracci reform of painting, Caravaggio and Caravaggism, the tension between realism and classicism, Bernini, and theoretical approaches to baroque style.

Notes: Counts toward the course distribution requirement in group B: Medieval, Renaissance and Baroque Art.

credit hours: 3

ARHS 3510 Rococo to Romanticism

Rococo to Romanticism

In this course we will explore art produced in Europe from the early 18th century through the mid-

19th century. We will consider the work, careers, and reputations of key artists such as Fragonard, David, Friedrich, Turner, Ingres, and Delacroix, among others, situating their work in relation to the political, socio-economic, and intellectual developments of the period.

credit hours: 3

ARHS 3540 Impressionism and Post-Impressionism

Impressionism and Post-Impressionism

This course will analyze art produced in Europe from the mid-19th century through the early 20th century, with a particular emphasis on French painting. We will consider the work and reputations of key artists such as Manet, Monet, Cassatt, Seurat, and Cézanne, situating their work in relation to the political, socio-economic, and cultural changes that took place during this period.

credit hours: 3

ARHS 3560 Twentieth-Century Art

Twentieth-Century Art

Symbolism, art nouveau, the development of fauvism, expressionism, cubism, futurism, constructivism, de stijl, dada, surrealism, abstract expressionism, pop, minimal, conceptual, and the other artistic styles and movements in the 20th century in Europe and America, with emphasis on painting and sculpture and the forces and theories that influenced them. Some consideration of architecture.

credit hours: 3

ARHS 3600 American Art, 1700-1950

American Art, 1700-1950

An analysis of visual and material culture from the first European artists in the colonies to the onset of World War II. Considers the transformation of cultural forms from the old world to the new in developments such as the formation of a national iconography as seen in portraiture, genre painting, landscape painting and the development of a distinctive modernist tradition specific to the United States. This course will examine the ways in which art and material culture reflect the social, intellectual, and political life of the nation up to World War II.

credit hours: 3

ARHS 3610 American Art from the Civil War to World War II

American Art from the Civil War to World War II

This course will analyze the development of art and architecture in America in the years following the Civil War and the ways in which that art reflects the social, intellectual, and political life of the nation up to World War II. Topics will include Realism, images of the American city and of the frontier, the birth of the skyscraper, the Harlem Renaissance, Regionalism, and Abstract Expressionism.

credit hours: 3

ARHS 3620 Contemporary Art Since 1950

Contemporary Art Since 1950

Explores the developments in the visual arts in the U.S. and Europe since 1950. Concentrates upon the social historical formation of artistic development beginning with the aftermath of World War II, and continuing to the present. Emphasizes movements such as Pop, Minimalism, Earth art and Postmodernism. Issues surrounding the objects will include poststructuralism, post-colonialism as well as African-American, feminist, and gay and lesbian strategies for self-

representation.

credit hours: 3

ARHS 3650 Early Twentieth Century European Modernism

Early Twentieth Century European Modernism

This course will explore the developments in the visual arts in Europe from 1890 to 1945. We will concentrate upon the social-historical formations of artistic production beginning in the late-nineteenth century with Post-Impressionism and continuing into the first half of the twentieth century examining movements such as Fauvism, Cubism, Dada, Surrealism, Russian Suprematism.

credit hours: 3

ARHS 3700 Pre-Columbian Art

Pre-Columbian Art

An introduction to the art and architecture of Pre-Columbian Mesoamerica (Mexico and Central America) with an emphasis on Mexico. The course focuses on the historical, political, and religious contexts of the visual arts and addresses the function of these artworks as ideological statements.

credit hours: 3

ARHS 3710 Colonial Art of Latin America

Colonial Art of Latin America

Renaissance and baroque architecture, painting and sculpture of the metropolitan centers of the Spanish and Portuguese colonies from the 16th to the early 19th century with a major emphasis on Mexico.

credit hours: 3

ARHS 3760 Art in Latin America, 1900-50

Art in Latin America, 1900-50

credit hours: 3

ARHS 3770 Art in Latin America since 1950

Art in Latin America since 1950

credit hours: 3

ARHS 3850 African Art

African Art

This course introduces students to the visual and performative arts of sub-Saharan Africa with primary emphasis on sculpture, pottery, leadership arts, and ritual performances. The timeframe extends from the 10th century to the present, though most of the objects would have originated prior to the 20th century and have undergone varying degrees of transformation under colonialism.

credit hours: 3

ARHS 3860 Arts of the African Diaspora

Arts of the African Diaspora

This course seeks to introduce students to the geographical and cultural notion of African Diaspora. It addresses such issues as migration, creolization, hegemony, and resistance. It also examines indigenous art forms including popular urban forms and performance.

credit hours: 3

ARHS 3870 20th-Century African-American Art

20th-Century African-American Art

This course is a survey of African-American art in the United States in the 20th century. The chronological development of African-American art parallels the chronology of twentieth-century American art. The course is organized around social, cultural, and political issues and themes, including the relation of art to identity politics.

credit hours: 3

ARHS 3871 Introduction to African American Art and Visual Culture, c. 1700-1940

Introduction to African American Art and Visual Culture, c. 1700-1940

This course explores the production of visual and material culture related to the African American presence in what is now the United States from the eighteenth century through the mid twentieth century. The course considers visual materials made by African American artists and artisans as well as materials by non-African Americans that feature African American subject matter (and the relationship between these two types of visual production). We will work to understand the objects featured in this course within both the specific context of the history of African American art and visual culture and the larger context of American art history in general. Arranged roughly chronologically but more strongly guided by a thematic and topical approach, the course aims to communicate basic content information while providing students with an understanding of the kinds of dominant questions and concerns engaged by current African American art scholarship.

Notes: Counts as an elective in ADST

credit hours: 3

ARHS 3872 Art of the African Diaspora, c. 1925 to Present

Art of the African Diaspora, c. 1925 to Present

Does it necessarily make sense to consider the work of artist of African descent together as a unit (in other words, should this course exist)? What persistent themes, issues, and debates inform the work by African diaspora artist? What makes art "Black" (or "African" or "African American")? Is an artist of African descent necessarily a "Black artist"? Do artist of African descent have a particular obligation to make artwork that advances a black cultural or political agenda? Is not doing so in and of itself a political statement? How might a landscape or Abstract Expressionist work be racially charged? How do vectors of identity other than race inform the work of African diaspora artist? How does the artwork studied in this course fit into the context of other art histories? Through these questions and others, this course explores the major themes and issues that have occupied artists of African descent as well as examines individual artists' motivations and intentions.

Notes: Counts as an elective in ADST

credit hours: 3

ARHS 3910 Special Topics in the History of Art

Special Topics in the History of Art

Special topics in the history, criticism, or theory of art. The subjects will vary and may not be available every semester. Individual topics will be listed in the Schedule of Classes.

credit hours: 3

ARHS 4560 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing.

Notes: A maximum of six credits may be earned in one or two courses. Only one internship may be completed per semester.

Pre-requisites: Approval of instructor and department.

credit hours: 1-3

ARHS 4570 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing.

Notes: A maximum of six credits may be earned in one or two courses. Only one internship may be completed per semester.

Pre-requisites: Approval of instructor and department.

credit hours: 3

ARHS 4880 Writing Practicum

Writing Practicum

Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

ARHS 4910 Independent Studies

Independent Studies

Open to qualified juniors and seniors with approval of instructor and chair of department.

credit hours: 3

ARHS 4920 Independent Studies

Independent Studies

Open to qualified juniors and seniors with approval of instructor and chair of department.

credit hours: 3

ARHS 5760 Modern Art, Cezanne to the Present

Modern Art, Cezanne to the Present

credit hours: 3

ARHS 6020 Art and Belief in the Western Tradition

Art and Belief in the Western Tradition

This course will examine a selection of major monuments and works in the Western tradition in the context of systems of belief, such as mythology, philosophy, and religion. This is a capstone experience limited to undergraduate majors in art history.

Notes: Fulfills the capstone requirement.

credit hours: 3

ARHS 6040 Spaces of Art

Spaces of Art

This course will provide a capstone experience for undergraduate majors in art history through an investigation of the various places Western art has been made, exchanged and critically evaluated, from the late medieval period to today. Each week, students will consider distinct space-for example, the studio, the academy, the auction house-its definition, history and conceptual impacts on the history of Western art. Students will analyze the material and

intellectual culture of each of these spaces, utilizing key case studies drawn from the fifteenth to the twenty-first centuries.

credit hours: 3

ARHS 6050 Scandals of Modern Art

Scandals of Modern Art

In this capstone seminar, we will examine key works of controversial modern art from the 19th century to the present. Over the course of the semester, we will explore the scandals that surrounded the work of Edouard Manet, Henri Matisse, Marcel Duchamp, Constantin Brancusi, Richard Serra, Maya Lin, and Sally Mann, among others.

Notes: Fulfills the capstone requirement.

credit hours: 3

ARHS 6200 Seminar in Roman Art and Archaeology

Seminar in Roman Art and Archaeology

Topics include: Etruscans and Early Rome; Ancient Painting and Mosaics; Roman Emperors as Builders; Roman Commemorative Monuments.

credit hours: 3

ARHS 6210 Medieval Pilgrimages: Saints, Bones, and Art

Medieval Pilgrimages: Saints, Bones, and Art

This course will examine some of the most popular medieval Christian pilgrimage centers of Europe. We will focus mostly on Santiago de Compostela and Rome, with brief looks at other pilgrimage centers such as Jerusalem, Assisi, and Canterbury. Topics to be covered include the cult of the saints, the pilgrimage roads, architectural settings and their decoration as well as reliquary shrines and related works of art, images and their use in imaginary or mental pilgrimage.

credit hours: 3

ARHS 6220 Women and Gender in Medieval Art

Women and Gender in Medieval Art

This seminar will focus on the relationships between gender and the production and reception of medieval European art and architecture. Topics to be explored include images of women, works of art commissioned by women, images made for women, architectural spaces designed for women and/or men specifically (i.e. monastic architecture), women as artists, etc. Comparative material known to have been made for/by men specifically will also be explored as we consider the meaning of the concept of gender. Feminist theory and various contemporary critical approaches to gender and medieval art will enhance our exploration of specific works.

credit hours: 3

ARHS 6230 Art and Architecture of Medieval Italy

Art and Architecture of Medieval Italy

This course will examine the art and architecture of the late Middle Ages and early Renaissance in Italy from approximately 1250 to 1350 A.D./C.E. We will focus particularly on the rise of the mendicant orders in the thirteenth century and their impact on art and the narrative of the Renaissance.

credit hours: 3

ARHS 6540 Paris: Capital of the Nineteenth Century

Paris: Capital of the Nineteenth Century

This seminar explores the transformation of Paris during the second half of the nineteenth century into a great modern metropolis. Throughout the course we analyze the ways that the architecture, painting, photography, literature, and visual culture of the era shaped and reflected various facets of this modern city.

credit hours: 3

ARHS 6620 Reading Abstract Expressionism

Reading Abstract Expressionism

Examines the ways in which Abstract Expressionism has been interpreted, both from the view of American critics and historians and their European counterparts. Emphasizes the extent to which formalist criticism evolved around Abstract Expressionism, and that only recently have scholars challenged those apolitical reading of this art, considering the political and economic factors which contributed to its international predominance on the global stage. Artists will include De Kooning, Frankenthaler, Hofmann, Krasner, Newman, Pollock, and Still.

credit hours: 3

ARHS 6650 Postmodern Formations: Art Since 1980

Postmodern Formations: Art Since 1980

Examines both European and American conceptions of postmodernism, as it originated in post-structural and psychoanalytic theory. Emphasis will be place upon artists working since 1980, including Basquiat, Jenny Holzer, Barbara Kruger, Mapplethorpe, Cindy Sherman, Warhol and the politically based art project of Gran Fury, the Guerrilla Girls and the Names Project.

Interpretive strategies will be taken from readings in European literary theory, with emphasis place upon the shift in criticism in art-making, away from Europe, toward an ideology formed around the issues of racial, sexual, and gender performance of identity.

credit hours: 3

ARHS 6720 Seminar on Aztec Arts

Seminar on Aztec Arts

Intensive investigation of Aztec arts as fundamental manifestations of Aztec imperial ideology (especially political and religious). The course concentrates on the urban iconographic programs developed in sculpture and architecture and considers the role of ritual and performance within these programs. It also reviews the sixteenth century sources (pictorial and alphabetic) that are used to understand Aztec culture.

Pre-requistites: ARHS 3700 or approval of instructor.

credit hours: 3

ARHS 6730 Seminar in Mexican Manuscript Painting

Seminar in Mexican Manuscript Painting

Detailed investigation of the pictorial codices painted in Mexico in the 15th and 16th centuries. The course examines the pictorial conventions and grammar used by the Mexican scribes to record knowledge. It analyzes the tradition of manuscript painting as it developed in Pre-Columbian Mesoamerica and then as it adapted to new functions and changed audiences in the early colonial period. Specific topics will vary from time to time.

Pre-requistites: ARHS 3700 or approval of instructor.

credit hours: 3

ARHS 6780 Latin American Avant-Gardes of the 1920s

Latin American Avant-Gardes of the 1920s

credit hours: 3

ARHS 6810 Seminars in the History of Art

Seminars in the History of Art

Advanced topics in the history, criticism, or theory of art. The subjects of the seminars vary according to the needs of the students and the scholarly interests of the individual instructor. Specialized topics are listed in the Schedule of Classes.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

credit hours: 3

ARHS 6820 Seminars in the History of Art

Seminars in the History of Art

Advanced topics in the history, criticism, or theory of art. The subjects of the seminars vary according to the needs of the students and the scholarly interests of the individual instructor. Specialized topics are listed in the Schedule of Classes.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

credit hours: 3

ARHS 6830 Seminars in the History of Art

Seminars in the History of Art

Advanced topics in the history, criticism, or theory of art. The subjects of the seminars vary according to the needs of the students and the scholarly interests of the individual instructor. Specialized topics are listed in the Schedule of Classes.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

credit hours: 3

ARHS 6840 Seminars in the History of Art

Seminars in the History of Art

Advanced topics in the history, criticism, or theory of art. The subjects of the seminars vary according to the needs of the students and the scholarly interests of the individual instructor. Specialized topics are listed in the Schedule of Classes.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

credit hours: 3

ARHS 6850 Seminars in the History of Art

Seminars in the History of Art

Advanced topics in the history, criticism, or theory of art. The subjects of the seminars vary according to the needs of the students and the scholarly interests of the individual instructor. Specialized topics are listed in the Schedule of Classes.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

credit hours: 3

ARHS 6860 Seminars in the History of Art

Seminars in the History of Art

Advanced topics in the history, criticism, or theory of art. The subjects of the seminars vary according to the needs of the students and the scholarly interests of the individual instructor. Specialized topics are listed in the Schedule of Classes.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

credit hours: 3

ARHS 6870 Seminars in the History of Art

Seminars in the History of Art

Advanced topics in the history, criticism, or theory of art. The subjects of the seminars vary according to the needs of the students and the scholarly interests of the individual instructor. Specialized topics are listed in the Schedule of Classes.

credit hours: 3

ARHS 6875 Race and National Mythologies in American Art and Visual Culture

Race and National Mythologies in American Art and Visual Culture

How does American art and visual culture implicitly and explicitly reify notions of America as a "white" nation, and how has this changed over time? How have images shaped and been shaped by historic moments of racially-implicated upheaval or conflict (e.g. Westward Expansion; the abolition movement, the Civil War and Emancipation; periods of mass immigration)? How has the idea of what it means to be "American" been defined against the racialized images of American "Others"? Can contemporary artists of color successfully appropriate and re-deploy racist imagery? This seminar considers these and other questions in investigating constructions and representations in American art and visual culture from the 16th century to the present. We will explore the ways in which these images are implicated as both products and producers of fundamental mythologies about the United States as a nation and about what it means to be "an American" (and who gets to be one). (Counts as Capstone)

Notes: Counts as an elective in ADST

credit hours: 3

ARHS 6876 Interracial Themes in Western Art and Visual Culture

Interracial Themes in Western Art and Visual Culture

This course investigates the depiction of interracial contact and the mixed-race body in modern Western art, primarily American and British. (Counts as Capstone)

Notes: Counts as an elective in ADST

credit hours: 3

ARHS 6877 Contested Visions of the Civil War in American Art and Visual Culture I

Contested Visions of the Civil War in American Art and Visual Culture I

Exploring a wide range of art and visual culture including painting, sculpture, photography, film, performance and popular culture, this course explores contested visions of the Civil War from before the firing of the first shot at Fort Sumter to the present. In addition to the period of the war itself, our study will necessarily look both backward and forward, including consideration of the art and visual culture surrounding slavery and abolition, emancipation, and Reconstruction and reunion, as well as narratives romanticizing the culture of the Old South.

credit hours: 3

ARHS 6878 Contested Visions of the Civil War in American Art and Visual Culture II

Contested Visions of the Civil War in American Art and Visual Culture II

In the first semester of this 2 part course (ARHS 6877) we investigated a wide range of art and visual culture including painting, sculpture, photography, film, performance, and public history sites to explore contested visions of the Civil War and related issues including slavery and abolition, Emancipation, Reconstruction and reunion, and narratives romanticizing the culture of the Old South. This semester, you will use that foundational knowledge to work with your peers to develop an online exhibition of art and material culture that engages these concerns.

Pre-requisites: ARHS 6877

credit hours: 3

ARHS 6880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

ARHS 7920 Special Research in Art History

Special Research in Art History

credit hours: 3

ARHS 7930 Special Research in Art History

Special Research in Art History

credit hours: 3

ARHS 9980 Master's Research

Master's Research

credit hours: 0

ARHS H4990 Honors Thesis

Honors Thesis

Open to qualified students with approval of department, instructor, and Honors Committee.

credit hours: 3

ARHS H5000 Honors Thesis

Honors Thesis

Open to qualified students with approval of department, instructor, and Honors Committee.

credit hours: 3

ASTA 1460 Contemporary Asian Communities

Contemporary Asian Communities

This course provides a sociological introduction to America's rapidly growing Asian American populations and to the major issues facing these populations.

credit hours: 3

ASTA 1800 Introduction to Asian Studies

Introduction to Asian Studies

This course is designed to provide a general introduction to the field of Asian Studies and to familiarize students with its primary regions: East Asia, South Asia, and Southeast Asia. Each of these regions is complex, rich in history and diverse cultures, and important in the global community. Introduction to Asian Studies provides students with a framework with which they can understand each major area in terms of aesthetic expression, cultural and linguistic groups, economics, geography, history, politics, philosophy, and religion.

credit hours: 3

ASTA 3000 Chinese Literature in Translation

Chinese Literature in Translation

This course provides an overview of Chinese literature from its beginnings in early Chinese

history to the present.

credit hours: 3

ASTA 3050 Advanced Chinese Language I

Advanced Chinese Language I

First semester advanced instruction in the Chinese language, including conversation, reading, and writing.

Pre-requisites: Completion of the first two years of Chinese instruction, or equivalent, plus permission of instructor.

credit hours: 3

ASTA 3060 Advanced Chinese Language II

Advanced Chinese Language II

Second semester advanced instruction in the Chinese language, including conversation, reading, and writing.

Pre-requisites: Completion of first semester advanced Chinese, or equivalent, plus permission of instructor.

credit hours: 3

ASTA 3180 Peoples of South Asia

Peoples of South Asia

A survey of the peoples and cultures of India, Pakistan, Nepal, Bangladesh, Bhutan, Sikkim, and Sri Lanka. Emphasis is placed upon the social organization and cultural history of the diverse peoples who have inhabited the Indian Triangle.

credit hours: 3

ASTA 3210 Samurai Culture in Premodern Japan

Samurai Culture in Premodern Japan

The samurai has, together with the geisha, been an often-used stock image of idealized Japaneseness. This intermediate level lecture course undertakes to recover historical realities and assess the shifting profile of warrior rule over Japan's premodern past. Besides translations of textual sources, items of art and material culture sponsored by or referring to samurai will be at the basis of class discussions.

credit hours: 3

ASTA 3510 Pre-modern Japanese Culture

Pre-modern Japanese Culture

An examination of the culture and society of Japan before the modern era.

credit hours: 3

ASTA 3520 Modern Japanese Culture

Modern Japanese Culture

Study of contemporary Japanese culture and society.

credit hours: 3

ASTA 3540 Anime, Japan and Globalization

Anime, Japan and Globalization

This course will engage the interdisciplinary field of anime, globalization, and cultural policy studies to better understand the broader relationship between popular media, culture and politics. We will engage with select anime texts and articles to better understand how anime has

developed into a global medium, and further analyze these texts through readings that deal with Japan's postwar development. Students will develop a better understanding of the history of Japanese anime as well as the global market flows that influenced the current development of anime into a massive international phenomenon.

credit hours: 3

ASTA 3550 Shogun and Samurai

Shogun and Samurai

Shogun & Samurai examines Japanese culture, history, and society from the dawn of the Samurai class until its demise in the last half of the nineteenth century. During this period, Japan evolved from a highly warlike society to one in which peace prevailed for more than 250 years. Topics to be covered include geography, prehistory, class/caste development, religion, warfare, urban development, theatre, fine arts, social control, and western contact.

credit hours: 3

ASTA 3810 Modern Chinese Literature and Society

Modern Chinese Literature and Society

This course is a general introduction to the modern Chinese fiction, poetry, and prose from the early twentieth century to the present.

credit hours: 3

ASTA 3910 Special Offerings in Asian Studies

Special Offerings in Asian Studies

Courses offered by visiting professors.

credit hours: 3

ASTA 3920 Special Offerings in Asian Studies

Special Offerings in Asian Studies

Courses offered by visiting professors.

credit hours: 3

ASTA 4500 Special Topics in Japanese Literature

Special Topics in Japanese Literature

credit hours: 3

ASTA 5100 Senior Colloquium in Asian Studies

Senior Colloquium in Asian Studies

Prof. Dimitrov. Pre-requisite: Senior Asian Studies major status. The Senior Colloquium affords graduating seniors an opportunity to integrate and synthesize the knowledge they have acquired through their Asian Studies coursework by engaging in a theoretically rigorous reflection of the major issues confronting scholars doing research on contemporary Asia and by producing either a substantial piece of writing or a creative work related to Asian Studies. In addition to these classroom activities, students apply the skills and knowledge they acquired in the classroom to the analysis and understanding of real world Asian Studies events occurring outside of the classroom. This aspect of the course is an experiential independent study in which students attend three events relating to the field of Asian Studies and analyze their experiences in the context of knowledge gained in Asian Studies courses. Capstone Course.

Pre-requisites: Senior Asian Studies Major Status

credit hours: 3

ASTA 6210 The PRC: China under Communism

The PRC: China under Communism

In 1949, as Mao Zedong declared the founding of the People's Republic of China, the Chinese people were once again under a united government, ending decades of civil strife and foreign aggression. Yet the year 1949 represented only the military victory of the CCP, and in the following decades the new rulers of China would attempt to recreate state and society on a previously unimaginable scale. This course explores the dramatic years following the establishment of the PRC and follows the mass campaigns and political upheavals that marked Chinese history under the rule of the Communist Party. Attention will be given to both mass movements in the countryside and events that largely affected urban dwellers and intellectuals. Overall, this course aims at understanding the large-scale structural changes of the revolutionary era of 1949 to 1976 and its aftermath, as well as what these changes meant for the lives of individual Chinese citizens.

credit hours: 3

ASTA 6930 Regime Change in Asia

Regime Change in Asia

credit hours: 3

ASTA H4910 Independent Studies

Independent Studies

credit hours: 3

ASTA H4920 Independent Studies

Independent Studies

credit hours: 3

ASTA H4990 Honors Thesis

Honors Thesis

credit hours: 3

ASTA H5000 Honors Thesis

Honors Thesis

credit hours: 3

BRAZ 2010 Introduction to Brazilian Studies

Introduction to Brazilian Studies

An expansive interdisciplinary introduction to the history, politics, society, literature, and cultures of Brazil, the largest nation of Latin America.

credit hours: 3

BRAZ 4130 Perspectives on Brazilian Culture

Perspectives on Brazilian Culture

Summer Study Abroad Program only. This course provides an introduction to Brazilian culture by focusing on various types of cultural production.

credit hours: 3

ASTC 1010 Beginning Chinese I

Beginning Chinese I

Designed for students to acquire a knowledge of the fundamentals of the Chinese language to be

demonstrated in four areas of basic language skills: oral and listening comprehension, speaking, writing (Chinese characters), and some reading ability.

credit hours: 4

ASTC 1020 Beginning Chinese II

Beginning Chinese II

A continuation of the objectives presented in Beginning Chinese I. Attention is given to practical and topics-oriented conversational skills, moods of speech, and complex level of syntax.

Pre-requisites: ASTC 1010 or placement.

credit hours: 4

ASTC 1030 Beginning Chinese for Heritage Learners I

Beginning Chinese for Heritage Learners I

This course is tailored to accommodate students who grew up in an environment in which Chinese is spoken by parents or guardians at home and for those who are familiar with the language and possess native-like abilities in comprehension and speaking. The class, conducted in Chinese, meets four times a week with a focus on reading and writing, including the correct use of grammar. The general program policy at Tulane is to teach simplified characters; yet students with traditional character background may choose to write in traditional characters in their works, but should be able to read simplified characters in which most class materials are written. Only those students who are placed in ASTC 1030 by the language learning center and who have received instructor's approval are able to take ASTC 1030.

Pre-requisites: See course Description

credit hours: 4

ASTC 1040 Beginning Chinese for Heritage Learners II

Beginning Chinese for Heritage Learners II

ASTC 1040 is tailored to accommodate students who grew up in an environment in which Chinese is spoken by parents or guardians at home and for those who are familiar with the language and possess native-like abilities in comprehension and speaking. Only those students who have taken ASTC 1030 or those who are placed in ASTC 1040 by the language learning center and who have received approval from the instructor are able to take ASTC 1040.

ASTC1040 prepares students for ASTC3060.

Pre-requisites: See course Description

credit hours: 4

ASTC 2030 Intermediate Chinese I

Intermediate Chinese I

An intensive study of conventional Chinese characters, additional grammar, and an exposure to simplified Chinese characters. Continued emphasis on reading, writing, listening, and speaking abilities.

Pre-requisites: ASTC 1020 or passing proficiency test.

credit hours: 4

ASTC 2040 Intermediate Chinese II

Intermediate Chinese II

A continuation of the objectives presented in Intermediate Chinese I. Attention is given to improvement of the student's ability to read and write in modern Chinese.

Pre-requisites: ASTC 2030 with a final grade B- and higher; or placement in ASTC 2040

credit hours: 4

ASTC 3010 Chinese Conversation and Composition I

Chinese Conversation and Composition I

Development of conversational, reading and writing skills in Chinese.

Pre-requisites: ASTC 2040 or equivalent.

credit hours: 3

ASTC 3020 Chinese Conversation and Composition II

Chinese Conversation and Composition II

A continuation of objectives in ASTC 3010, intended to provide an advanced level of skills in Chinese.

Pre-requisites: ASTC 3010 or equivalent.

credit hours: 3

ASTC 3050 Advanced Chinese Language I

Advanced Chinese Language I

First semester advanced instruction in the Chinese language, including conversation, reading, and writing.

Pre-requisites: ASTC 2040 with a final grade B- and higher; or placement in ASTC 3050

credit hours: 4

ASTC 3060 Advanced Chinese Language II

Advanced Chinese Language II

This course is designed for students who have prior knowledge of Mandarin Chinese, preferably with the equivalent of two and a half years' Chinese learning experience. The course is to advance students' Chinese social-cultural awareness and their oral proficiency while developing reading and writing skills. Students will read a variety of viewpoints on current issues of population, education, family, gender, environment, business and technology in the rapidly changing China. By the end of the semester, students are expected to be able to read Chinese with fluency and accuracy; students are expected to be able to skim for the main idea of texts; students are expected to be able to look for specific information in each text; students are expected to analyze and express themselves, and give opinions in oral presentations and writing tasks on covered topics. Only those students who have taken ASTC 3050, ASTC1030, or ASTC 1040 at Tulane or those who are placed in ASTC 3060 by language learning center can take ASTC 3060.

Pre-requisites: ASTC 3050 with a final grade B- and higher; or placement in ASTC 3060

credit hours: 4

ASTC 3511 Introduction to Chinese Linguistics

Introduction to Chinese Linguistics

Designed to help Chinese learners understand Chinese grammar in a systematic manner as well as gain a theoretical perspective on Chinese language structure, give linguistic students a sense of how Chinese languages, in particular, Mandarin Chinese works and help (future) Chinese instructors gain the meta-linguistic knowledge in teaching Mandarin language.

credit hours: 3

ASTC 3930 Chinese Language and Culture

Chinese Language and Culture

This course will increase student competency in socializing with Chinese natives and increase

their awareness of social-cultural norms through the examination of language use. In this course, students will understand what is polite linguistically in Mandarin Chinese; how gender differences, social stratification, traditional values are reflected in the use of proverbs, idioms and how Mandarin Chinese speakers perform these speech acts: gift offering and acceptance, showing gratitude, apologizing, making requests, refusing, disagreeing, complaining, etc. as well as how Chinese differ in performing these speech acts from American English speakers. A student does not need to speak or read Chinese to take this course though some background in Chinese character reading is helpful.

credit hours: 3

ASTC 4070 Advanced Chinese Reading and Writing

Advanced Chinese Reading and Writing

ASTC 4070 is designed for students who have completed three years of mandarin Chinese learning or equivalent. The course will continue improving students' proficiency in mandarin Chinese and knowledge of Chinese culture and society. The registration of the course requires permission of the instructor.

Pre-requisites: ASTC 3060 with a final grade B- and higher; or placement in ASTC 4070

credit hours: 3

ASTC 4080 Chinese Media Literacy

Chinese Media Literacy

ASTC 4080 Chinese Media Literacy is designed for students who have completed ASTC 4070 (with a grade of B- or above) or permission from the instructor. It will focus on developing students' advanced language skills in Mandarin Chinese as well as knowledge of contemporary Chinese culture and society. Students will be listening to, watching or reading multi-media materials from the media on modern Chinese society, including news reports on nation, business, crime, education, lifestyle, sports and entertainment and expatriate. By the end of the semester, students are expected to gain the vocabulary that will help to improve Chinese media literacy and become comfortable in understanding media Chinese in text and in audio/video format, share news stories and one's opinion on a given piece of news, discuss the content and analyze the social impact and cultural meaning of an event reported by the media.

Pre-requisites: ASTC 4070 with a final grade of B- or higher, or permission from the instructor.

credit hours: 3

CLAS 4170 Seminar in Greek Art and Archaeology I

Seminar in Greek Art and Archaeology I

The seminar features topics in Greek art and archaeology that are studied through the use of primary texts (histories, literature, inscriptions) as well as secondary scholarship. The topics offered under this heading may include Monuments of Ancient Athens, Greece in the Archaic Age, Knossos & Its Afterlife, and Mycenaean Citadels. May be repeated for credit up to 3 times.

credit hours: 4

CLAS 4180 Seminar in Greek Art and Archaeology II

Seminar in Greek Art and Archaeology II

This seminar features topics in Greek art and archaeology where the analysis of material culture and what it can illuminate about Greek society are emphasized. Methods and scholarship from the social sciences are included. Students should expect to do close readings of secondary scholarship and perform independent research. Topics in this seminar may include Greek Pottery, Greece in the Iron Age, and Topics in Aegean Prehistory. May be repeated for credit up

to 3 times.

credit hours: 4

CLAS 4190 Seminar in Greek Art and Archaeology III

Seminar in Greek Art and Archaeology III

This seminar features topics in Greek art and archaeology that employ methods of art history, including the appreciation of the aesthetics of ancient art. Topics may include Greek Vase Painting, Greek Sculpture, and Classical Athens. May be repeated for credit up to 3 times.

credit hours: 4

CLAS 4210 Seminar in Roman Art and Archaeology II

Seminar in Roman Art and Archaeology II

This seminar features topics in Roman art and archaeology where the analysis of material culture and what it can illuminate about Roman society are emphasized. Methods and scholarship from the social sciences are included. Student should expect to do close readings of secondary scholarship and perform independent research. Topics in this seminar may include Gender in Roman Archaeology and The Roman Way of Death. May be repeated for credit up to 3 times.

credit hours: 4

CLAS 4220 Seminar in Roman Art and Archaeology III

Seminar in Roman Art and Archaeology III

This seminar features topics in Roman art and archaeology that employ methods of art history, including the appreciation of the aesthetics of ancient art. Topics include Roman Painting and Mosaics and Roman Sculpture in Context. May be repeated for credit up to 3 times.

credit hours: 4

CLAS 6170 Seminar in Roman Art and Archaeology I

Seminar in Roman Art and Archaeology I

Notes: See CLAS 4170 for description

credit hours: 4

CLAS 6180 Seminar in Greek Art and Archaeology II

Seminar in Greek Art and Archaeology II

Notes: See CLAS 4180 for description

credit hours: 4

CLAS 6190 Seminar in Greek Art and Archaeology III

Seminar in Greek Art and Archaeology III

Notes: See CLAS 4190 for description

credit hours: 4

CLAS 6210 Seminar in Roman Art and Archaeology II

Seminar in Roman Art and Archaeology II

Notes: See CLAS 4210 for Description

credit hours: 4

CLAS 6220 Seminar in Roman Art and Archaeology III

Seminar in Roman Art and Archaeology III

Notes: See CLAS 4220 for description

credit hours: 4

CLAS 1010 The Rise of Rome

The Rise of Rome

Not open to senior history majors. This survey devotes itself to the emergence of Hellenistic civilization and the growth of Roman power in the Mediterranean. Special attention is given to the Hellenistic impact upon Rome, the evolution of Roman institutions, and the transition from republic to empire.

credit hours: 3

CLAS 1030 The Greeks

The Greeks

A look at life in ancient Greece. Topics include war, politics, religious festivals, athletics, courts and trials, wealth and poverty, freedom and slavery, gender and sexuality, theatre, family life, education, and science.

credit hours: 3

CLAS 1040 Mythology

Mythology

A study of the origins of Greek mythology and the importance of myth for Greek and Roman culture.

credit hours: 3

CLAS 2020 The High Roman Empire

The High Roman Empire

This course introduces the institutional, social, and cultural changes of the empire from Augustus to Diocletian. Emphasis is placed upon the birth of imperial administration, cultural change and continuity, and the rise of Christianity.

credit hours: 3

CLAS 2220 New Testament: An Historical Introduction

New Testament: An Historical Introduction

This course is a literary and historical introduction to the canonical New Testament. It will engage issues of authorship, dating, theology, genre, and special problems related to the scientific (or scholarly) study of the New Testament. There will be some engagement with literature outside of the canonical New Testament but only as it relates to special issues and topics in New Testament interpretation."

credit hours: 3

CLAS 2310 Tyrants and Democrats in Ancient Greece

Tyrants and Democrats in Ancient Greece

This course examines the origins and characteristics of basic Greek forms of government in their historical context, concentrating on tyranny and democracy in the archaic and classical periods. The course stresses the development of Greek political institutions and political thought.

credit hours: 3

CLAS 2320 Greek Religion

Greek Religion

This course examines ancient Greek religion in its social and historical context, using an interdisciplinary approach that includes archaeological, artistic, literary, and epigraphic evidence. Topics include mythology and the gods, sanctuaries, temples, offerings, ritual and cult activities, festivals, civic religion, and belief and the individual.

credit hours: 3

CLAS 2330 Alexander the Great: History and Tradition

Alexander the Great: History and Tradition

Alexander the Great (356-323) is justifiably one of the most celebrated figures of antiquity. Conquering all of the Greek world and Asia from the Mediterranean to the Indus River in Pakistan by the age of 30, he unquestionably changed the world, bringing Greeks, Macedonians, Persians, Egyptians and Jews into close contact and exchange. But who was the historical Alexander? Was he a charismatic strategist, a genius and visionary? Or a paranoid, alcoholic, and violent megalomaniac who brought about the end of his dynasty and left his empire, and much of the world, in chaos? Many wrote about his life in exploits, but the problematic nature of the ancient sources presents serious difficulties in reconstructing an account of the 'historical' Alexander. We will explore various genres (history, fiction, myth, biography) and sources (literary, visual, archaeological) to analyze critically the sources and uses of Alexander in various periods and places of history.

credit hours: 3

CLAS 2610 Sex and Gender in Antiquity

Sex and Gender in Antiquity

Through readings and discussions of primary sources (literature, legal texts, medical texts, inscriptions, art) and recent scholarship, we will explore the ideals and reality of gender roles and sexuality within the historical context of ancient Greece and Rome. Topics will include the history of sexuality, laws pertaining to gender roles, homosexuality, bisexuality, sexual practices, representations of gender and sex in literature and art, family, biology and attitudes about gender and sex.

credit hours: 3

CLAS 2810 Special Topics

Special Topics

Topics are at an introductory level appropriate for first-year students and sophomores. Topics will focus on particular areas and issues in the fields of ancient culture, religion, and history.

credit hours: 3

CLAS 3050 Archaeology Lab: Ashkelon, Israel

Archaeology Lab: Ashkelon, Israel

The field archaeology lab in Ashkelon Israel will introduce students to process of artifact analysis, cataloguing, and recording. Students will work alongside professional staff sorting, cleaning, registering, and analyzing finds from the current excavations such as pottery, figurines, glass, worked stone, faunal remains, and other objects. Students will learn how to make preliminary readings of the artifacts and will also be introduced to methods of scientific analysis, including flotation, petrography, xrf, 3d scanning, and ftir analysis.

Co-requisites: CLAS 4050: Introduction to Field Archaeology

credit hours: 3

CLAS 3060 Greek Tragedy and Comedy

Greek Tragedy and Comedy

Plays by Aeschylus, Sophocles, Euripides, and Aristophanes read in the light of Aristotle's Poetics and of modern criticism.

credit hours: 3

CLAS 3080 Inventing Socrates

Inventing Socrates

Socrates has for centuries been considered emblematic of the intellectual accomplishments of ancient Greek civilization. His name and his eponymous method of inquiry are familiar to every student of the western tradition and yet he left behind no record of his teachings. Instead, his image and indeed his legacy has been shaped by the accounts of other-former students, bemused comedians, admirers and even a few detractors. Plato is of course foremost among these, employing his great teacher as the central figure in most of his philosophical works. In this course, we will examine the many faces of Socrates bequeathed to us by his contemporaries, investigate the world of 5th century Athens in which he lived, and survey important moments in his posthumous reception from antiquity to the present.

credit hours: 3

CLAS 3090 Law and Society in Ancient Rome

Law and Society in Ancient Rome

This course investigates the social and cultural values of the Roman world by studying Roman private law. The course also examines the development of Roman courts in the empire and the influence of Roman law on modern legal systems.

credit hours: 3

CLAS 3120 Etruscans and Early Rome

Etruscans and Early Rome

A survey of the cultures of pre-Roman Italy from the Bronze Age to the fall of Veii. The course focuses on the material cultures of Etruscan and Latin Settlements from ca. 900 to 300 B.C.E. Topics include: Etruscan language, economy and trade, sculpture, painting, and Etruscan religion, as well as major social and historical developments in Etruria, Latium, and archaic Rome.

credit hours: 3

CLAS 3140 Jews in the Greco-Roman World

Jews in the Greco-Roman World

This course will explore Jewish interaction and conflict with Greeks and Romans from the Babylonian exile through the destruction of the temple in Jerusalem. We will examine the rich body of literature and material culture from this period to reconstruct the Jewish experience in both Palestine and the Diaspora communities in Egypt, Greece, and Rome. The course will consider text written by Jews as well as Greeks and Romans, representing both sides of the exchange, and archaeological evidence that sheds light on daily life in the period. Topics will include: the Maccabean Revolt, the Hasmonean dynasty, Herod the Great, the Alexandrian riots of 38 CE, Jewish religion and sectarianism, the Dead Sea Scrolls, and the Jewish Revolts.

Notes: Counts in Ancient Judaism in the Jewish Studies major.

credit hours: 3

CLAS 3160 The Aegean Bronze Age

The Aegean Bronze Age

The cultures of the Cycladic Islands, Crete, and the Greek mainland during the Bronze Age (ca. 3200-1150 B.C.E.). Emphasis is on the major and minor arts of the Minoans and Mycenaeans and how this material can be used to reconstruct the societies, cultures, and religions of the Aegean Bronze Age.

credit hours: 3

CLAS 3170 Greek Art and Archaeology

Greek Art and Archaeology

Greek arts (architecture, sculpture, and painting) and material culture in the light of social, intellectual, and historical developments from the end of the Bronze Age (ca. 1200 B.C.E.) to the end of the Hellenistic period (31 B.C.E.).

credit hours: 3

CLAS 3180 Roman Art and Archaeology

Roman Art and Archaeology

Architecture, sculpture, and painting in Rome and the Roman Empire, their sources, and their history from the Etruscan period through the 4th century C.E.

credit hours: 3

CLAS 3190 Pompeii: Life in a Roman Town

Pompeii: Life in a Roman Town

A survey of Roman culture through the study of the town destroyed by Mt. Vesuvius in 79 C.E. The focus is on the society, politics, religion, domestic life, entertainment, economy, and art of Pompeii and the surrounding region in the early imperial period.

credit hours: 3

CLAS 3230 Ancient Christianity

Ancient Christianity

This course is designed to introduce students to the history of the Ancient Christian movement within the Roman Empire. It illustrates the historical developments through the discussion of the use of the scripture, the production of new literature and emergence of the canon of the New Testament writings from the second through the fourth centuries.

credit hours: 3

CLAS 3320 The Greek Way of Death

The Greek Way of Death

Death-ritual was an important social institution in ancient Greece. Through their funerals and tombs, the ancient Greeks negotiated social relationships and political ideologies, celebrated the state and the legacies of individuals, and grappled with the uncertainties and fragility of life. In this course we will look at textual and archaeological evidence from the ancient Greek world as we explore attitudes toward life and death and how important customs, rituals, and traditions function in society.

credit hours: 3

CLAS 3510 The Ancient Novel

The Ancient Novel

We are all familiar today with the literary form called the novel: a lengthy fictional narrative in prose. It was ancient Greek and Latin authors, however, who first created this form. Many of these works survive and they always intrigue and delight readers with their highly sophisticated plotting of love affairs, comical depictions of pirates, and teasing explorations of sexuality. We will closely read, in English translation, the major ancient novels and some of their literary predecessors in order to understand the originality of the form and content of the novels. The class concludes with a consideration of the ancient novel's contribution to the development of fiction in the West.

credit hours: 3

CLAS 3810 Special Topics

Special Topics

Topics will focus on particular areas and issues in the fields of ancient culture, religion, and history.

credit hours: 3

CLAS 3880 Writing Practicum

Writing Practicum

Notes: Fulfills the school intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

CLAS 4050 Introduction to Field Archaeology in Ashkelon, Israel

Introduction to Field Archaeology in Ashkelon, Israel

This is an interdisciplinary course of archaeological fieldwork based in experiential learning at a complex, multi-period Tell site on the southern Levantine coast. Students work five full days plus half-day in the field uncovering artifacts and learning the skills necessary for all students and scholars interested in continuing active fieldwork or advanced studies in archaeology. The fieldwork aspect of the course is supported by lectures and workshops by resident staff and visiting/guest scholars on the archaeology, geography, and history of ancient Israel, Phoenicia, and Philistia. Three field trips to other archaeological sites in Israel help students in this course to contextualize the work being done at Ashkelon and broaden participants' understanding of Israel and archaeological work being conducted in the region. They can expect to leave with a deep understanding of method, theory, and history of archaeology.

Co-requisites: CLAS 3050: Archaeology Lab in Ashkelon Israel

credit hours: 3

CLAS 4060 Classical Epic

Classical Epic

Homer, Apollonius of Rhodes, Virgil, and Lucan, with selected prose belonging to the heroic tradition. A comparison with primitive epics of other cultures and with later literary epics.

credit hours: 3

CLAS 4080 Seminar in Ancient Society and Economy

Seminar in Ancient Society and Economy

Topics include: The Family in Ancient Rome; Roman Imperial Society and Economy; Greeks, Romans, Barbarians.

credit hours: 3

CLAS 4130 Egypt Under the Pharaohs

Egypt Under the Pharaohs

The culture of ancient Egypt from the pre-dynastic period through the end of the New Kingdom. The course emphasizes the sculpture, architecture, and painting of the pharaonic periods. Other areas covered are: Egyptian literary and historical documents, Egyptian religion, and major social developments.

credit hours: 3

CLAS 4190 Seminar in Aegean and Greek Archaeology

Seminar in Aegean and Greek Archaeology

Topics include: Problems in Aegean Archaeology; Major Monuments in Greek Sculpture; Greek

Vase-Painting; The Athenian Acropolis.

credit hours: 3

CLAS 4200 Seminar in Roman Art and Archaeology I

Seminar in Roman Art and Archaeology I

Topics include: Ancient Painting and Mosaics; Building the City of Rome; Roman Sculpture in Context.

credit hours: 4

CLAS 4320 War and Power in Ancient Greece

War and Power in Ancient Greece

In this course we will look at ancient Greek warfare and state formation, including how states developed and changed, how and why the ancient Greeks interacted and fought with each other and with outsiders, and what were the immediate outcomes and long-term consequences of endogenous and exogenous power struggles. Students will gain an understanding of the particular roles played by factors such as geography, military innovations, socio-political institutions, individual leaders, ideological shifts, and specific series of decisions and events.

Pre-requisites: CLAS 3310 or HISA 3080.

credit hours: 3

CLAS 4810 Special Topics

Special Topics

Topics will focus on particular areas and issues in the field of ancient culture, religion, and history.

credit hours: 3

CLAS 4880 Writing Practicum

Writing Practicum

Notes: Fulfills the school intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

CLAS 4910 Independent Studies

Independent Studies

Open to superior students provided approval of department is granted and an appropriate faculty director is available.

credit hours: 3

CLAS 4930 Directed Undergraduate Research

Directed Undergraduate Research

This course involves independent study based on work that the student has done during the previous summer, such as in an archaeological excavation.

credit hours: 3

CLAS 5010 Special Readings in Classics

Special Readings in Classics

credit hours: 3

CLAS 6080 Seminar in Ancient Society and Economy

Seminar in Ancient Society and Economy

See CLAS 408 for course description.

credit hours: 3

CLAS 6190 Seminar in Aegean and Greek Archaeology

Seminar in Aegean and Greek Archaeology

See CLAS 4190 for description.

credit hours: 3

CLAS 6200 Seminar in Roman Art and Archaeology I

Seminar in Roman Art and Archaeology I

See CLAS 4200 for description.

credit hours: 4

CLAS 6320 War and Power in Ancient Greece

War and Power in Ancient Greece

In this course we will look at ancient Greek warfare and state formation, including how states developed and changed, how and why the ancient Greeks interacted and fought with each other and with outsiders, and what were the immediate outcomes and long-term consequences of endogenous and exogenous power struggles. Students will gain an understanding of the particular roles played by factors such as geography, military innovations, socio-political institutions, individual leaders, ideological shifts, and specific series of decisions and events.

credit hours: 3

CLAS 6810 Special Topics

Special Topics

Topics will focus on particular areas and issues in the fields of ancient culture, religion, and history.

credit hours: 3

CLAS H4990 Honors Thesis

Honors Thesis

Notes: Admission by approval of department and Honors Committee.

credit hours: 3

CLAS H5000 Honors Thesis

Honors Thesis

Notes: Admission by approval of department and Honors Committee.

credit hours: 3

COMM 1150 Introduction to Cinema

Introduction to Cinema

Historical survey of international cinema focusing on political, social, economic, technological, and aesthetic factors. Major film movements and historical developments from 1895 to the present are covered including U.S. silent cinema, Soviet montage, German expressionism, French impressionism and surrealism, the transition to sound, classical Hollywood cinema, the impact of WWII, Italian neorealism, the French New Wave, art cinema, new German cinema, and new Hollywood cinema.

credit hours: 3

COMM 2010 Public Opinion and the Media

Public Opinion and the Media

This course critically examines the ways in which public opinion is measured, constructed and used in politics; and the media's role in the shaping of public opinion.

credit hours: 3

COMM 2220 New Media and Internet Studies

New Media and Internet Studies

An investigation of the histories and theories associated with the Internet and other forms of new media. The main course objectives are to learn how to analyze Internet settings and employ new media methods. Conceptions of new technologies and newness will be theorized and examined. We consider how new media technologies are identified as tools and the ways they are critiqued for producing gendered, racial, and sexual identities. Topics include: afrofuturism, cyberfeminism, science fiction, the web, social networking, fan fiction, hypertext, Internet authorship, and surveillance.

credit hours: 3

COMM 2230 Interpersonal Communication

Interpersonal Communication

Introduction to theories and models of interpersonal communication which enhance understanding and development of interpersonal relationships. Course content covers topics such as listening behavior, intrapersonal processing, dyadic interaction, conflict management, intercultural, intimate and nonverbal communication.

credit hours: 3

COMM 2300 Political Communication

Political Communication

A survey of theories, empirical research, and critical analysis of contemporary political communication processes in the United States. Topics may include the role of the media in electoral campaigns, strategies of presidential communication, as well as the relationship between media and political institutions, including Congress and the Courts. News coverage of social movements and political protest will also be discussed. The course covers a variety of political communication genres, such as journalism, political advertising, talk shows and political websites.

credit hours: 3

COMM 2350 Media and Criminal Justice

Media and Criminal Justice

This class examines the interrelationships between crime, criminal justice, and media.

Television, film, newspaper, and electronic/internet media intersect with crime and the criminal justice system in a number of important ways. The point of this course is to explore how the media represents, influences, distorts, and/or filters crime and justice issues. Also, the media is used as a mechanism to explore issues (e.g., political ideology, corrections policy, causes of crime) that are central to the study of crime. The impact of media images of crime and violence on individuals, groups, and public policy will be considered. Issues regarding the future of crime, criminal justice, and mass media also will be discussed. In addition, the course requires 20 hours of service learning. Students will work with local community organizations involved with criminal justice.

credit hours: 3

COMM 2400 Topics in International Film Movements

Topics in International Film Movements

This course focuses on specific film movements in international cinema, with an emphasis on understanding stylistic and aesthetic innovations in their social-historical context. Topics may include European film movements, Chinese cinemas and others. Notes: May be repeated for credit up to 2 times if different topic with the permission of the Film Studies Director.

Notes: May be repeated for credit if different topic with the permission of the Film Studies Director.

credit hours: 3

COMM 2500 Film and Society

Film and Society

This class investigates various social issues that emerge from an examination of films produced in the United States, Europe and the developing world. Students consider societal forces such as class, race, gender, youth, family, prejudice, education and homelessness. The cinematic depiction of these factors as well as the connection between cinematic language, syntax, structure and a film's ultimate meaning or message are explored.

credit hours: 3

COMM 2550 Introduction to Television

Introduction to Television

This course is an introduction to the study of television as a unique audio-visual culture with its own history, aesthetics, and meaning production. Students will learn about the television industry, its audiences, and its programming. Examples from television programming from the 1950s to the present will supplement readings.

credit hours: 3

COMM 2600 Rhetorical Principles of Writing for News Media

Rhetorical Principles of Writing for News Media

Applies principles of classical and contemporary rhetorical theory to problems of writing for news media. Incorporates grammar review. Writing requirements include major news story, major feature story and numerous smaller assignments. Emphasis on writing for print media, but stylistic techniques for broadcast media also covered.

credit hours: 3

COMM 2650 Mass Communication Law

Mass Communication Law

Studies federal and state regulation of both print and broadcast media in the United States to understand how legal mandates and constraints have defined the roles of media in society. Historical and contemporary analyses include laws in areas such as libel, privacy, free press versus fair trial, access to government information, regulation of advertising and regulation of broadcasting.

credit hours: 3

COMM 2700 Visual Communication

Visual Communication

This course examines the history and theory of visual communication and its application in a variety of cultural contexts. Topics include the transition from print to visual media, the development of visual literacy and the role of emerging technology. Students will complete

applied projects using photography, video and electronic media, digital imaging, and web-based visual technology.

credit hours: 3

COMM 2750 Gender and Media

Gender and Media

"This course will introduce students to the field of gender and media studies. Media are part and parcel of the ways in which we understand and talk about gender, and the ways in which we make sense of what it means to be ""men"" and ""women."" We encounter countless media messages in advertisements, newspapers, magazines, films, movies, television and the Internet, depicting ideal models for men and women every day. We are so accustomed to living in a media saturated world that problematic representations escape our attention and remain taken for granted. This course is an attempt to step back and critically reflect on the media representations of gender. Throughout the course we will focus on the main issues and controversies in this field by examining a broad range of examples."

Notes: Elective in the GESS program

credit hours: 3

COMM 2810 Special Topics

Special Topics

A detailed study of particular issues, problems and developments in the history, theory and criticism of communication. Topics may be drawn from any of the departmental areas of concentration, for example, the concept of invention, the rhetoric of religion, non-verbal communication, mass media and culture and similar themes. May be taken twice for credit on different topics.

credit hours: 3

COMM 2820 Special Topics

Special Topics

A detailed study of particular issues, problems and developments in the history, theory and criticism of communication. Topics may be drawn from any of the departmental areas of concentration, for example, the concept of invention, the rhetoric of religion, non-verbal communication, mass media and culture and similar themes. May be taken twice for credit on different topics.

credit hours: 3

COMM 2890 Service Learning

Service Learning

Credit attached to courses with a 40-hour service learning component.

credit hours: 0

COMM 2900 Communication Studies

Communication Studies

Communication Studies introduces students to the theoretical underpinnings of the Department of Communication. The course explores communication through its tri-part focus on relationships and identities (individuals), texts, and industries and structures (contexts). The course introduces key concepts and keywords for continuing in the major.

credit hours: 3

COMM 3140 Cross-Cultural Analysis

Cross-Cultural Analysis

A critical examination of communication in intercultural, interethnic and international contexts. An overview of models and approaches designed to explain cultural differences in communication, with emphasis on the dimensions of symbolization, acculturation, prejudice, stereotyping and ideology. Conceptual frameworks are applied and tested within a range of cultural populations as defined by race, ethnicity, gender, physical disability, sexuality, socio-economic class and geographic location.

credit hours: 3

COMM 3150 Film Analysis

Film Analysis

Introduction to film analysis designed to help students develop a visual literacy with regard to film and a critical understanding of how films produce meanings. Focus is on formal analysis of film including elements such as narrative, mise-en-scène, editing, camera movement, sound and on key critical and theoretical approaches such as neoformalism and psychoanalysis. Classical Hollywood cinema and avant-garde and independent film making traditions are studied in order to focus on the politics of form." A required film journal helps students develop analytical and critical skills. Required course for the film studies minor."

credit hours: 4

COMM 3160 Technology Analysis

Technology Analysis

The study of technology as material culture through its production, dissemination and uses. Theorizes ways of approaching technology as symbolic tools, as material goods and as part of a cultural geography. Contextualizes digitalization in terms of social, political and economic discourses. Includes research methods for analyzing technology.

credit hours: 3

COMM 3200 Media Literacy/Media Education I

Media Literacy/Media Education I

This is the first semester of a two-semester course that introduces students to media literacy-- what it is, media education, and basic media pedagogy. In the second semester, students put to use the media literacy knowledge gained in the first semester by applying those pedagogical considerations in the classroom, assessing student outcomes, and effectively teaching media literacy concepts.

Notes: Enrolling for both semesters, Junior Standing, and Service Learning all required. 20-hours service learning 1st semester; 40-hours 2nd semester.

credit hours: 3

COMM 3240 Interaction Analysis

Interaction Analysis

Focus on the investigation, interpretation and critical assessment of human interaction. Emphasis is given to interaction occurring in the relational contexts of marriage, friendship and the organization. Study includes the cultural and ideological elements, the models of communication used to explain interaction and the analysis of everyday communication phenomena in each context.

credit hours: 3

COMM 3250 Rhetorical Criticism

Rhetorical Criticism

The description, analysis, interpretation and evaluation of persuasive uses of language.

Emphasis on classical, situational, generic, dramatistic and ideological methods of criticism.

Judgments about aesthetic, pragmatic, logical and ethical dimensions of rhetoric.

credit hours: 4

COMM 3260 Media Analysis

Media Analysis

The study of the structure of media industries and their contents based on humanistic and social science approaches. Theorizes major trends in industry ownership and practices; the effects of political economy on textual symbols, discourses and genres; the function of media programming in reinforcing or altering perceptions of ideas, events, and people. Familiarizes students with research methods for analyzing media.

credit hours: 3

COMM 3270 Topics in Authors and Genres

Topics in Authors and Genres

Questions of authorship and of genre are two key paradigms of film criticism. This course examines the aesthetic and theoretical bases for notions of authorship and genre in the cinema including romantic theories of art, auteur criticism, structuralism and post-structuralism. It also considers the historical development of the oeuvre of individual directors as authors" (e.g. Hitchcock) and of particular film genres both in Hollywood cinema (e.g. film noir) and in non-mainstream and non-U.S. cinema. Genres and directors studied will change. May be repeated up to two times on different topics with approval of the Film Studies Director."

credit hours: 3

COMM 3280 Media Histories

Media Histories

This course looks at media histories, with a focus on the different kinds of stories we tell about media, its contents and contexts. The course explores historical trends, the nature of historiography (the study of history) and some fundamentals of historical research.

credit hours: 3

COMM 3300 Comparative Political Communication

Comparative Political Communication

Examination of the links between media and political systems, based on a comparative approach. Offers a detailed comparison of political communication processes in different regions of the world and identifies how social, cultural and economic contexts are central to understanding the role of the media in political processes.

credit hours: 3

COMM 3320 Politics of Popular Culture

Politics of Popular Culture

This course will introduce students to critical thinking through the theories of cultural studies, ranging from culturalism, Marxism, psychoanalysis, gender and sexuality, and postcolonialism to postmodernism. Theories of cultural studies critically contextualize, examine, and theorize culture as it influences and shapes our everyday lives and social structures. Students will learn about the various approaches to analyzing culture based on the canonical works of cultural study theorists and how to apply their critical theories to contemporary examples.

credit hours: 3

COMM 3400 Communication and Leadership in Groups and Organization

Communication and Leadership in Groups and Organization

Group and organizational communication analyzes how the actions of people are coordinated and controlled to achieve collective outcomes. It is also concerned with the way individuals are shaped by their interactions with the groups and organizations around them. This seminar will help you learn how communication is key to understanding how groups and organizations work which can enhance your ability, as a Public Service Fellow, to engage in the work of your resource/discussion group in this seminar as well as your campus or community-based organizations during the semester. All Public Service Fellows must enroll in a required platform course. By completing this course students receive four credit hours and fulfill the second tier of the graduation requirement. The program includes 3 class credits for an academic leadership course, and 1 service learning credit for assistance on a community project.

Co-requisites: COMM 3410 and COMM 4890

credit hours: 3

COMM 3440 Critical Race Theory

Critical Race Theory

Critical race theory was a term that was coined to refer to an area of legal studies developed by African American, Latino, and Asian American scholars to address questions of racial injustice. But the broader field of critical race theory today incorporates multi-disciplinary scholarship that works to create critical knowledge about social inequalities and racialized power relations.

Notes: An elective in ADST

credit hours: 3

COMM 3510 Environmental Communication

Environmental Communication

The purpose of this course is to provide an understanding and analysis of communication processes used in defining environmental issues and shaping environmental policies. Topics include defining nature and environment; diverse audiences and environmental messages; developing strategies for risk communication; and creating effective environmental campaigns. Case studies of successful and unsuccessful environmental communication will be examined.

credit hours: 3

COMM 3520 Topics in Cinema and Politics

Topics in Cinema and Politics

This course focuses on the relationship between cinema and politics as it pertains to formal, historical, and institutional ways of analyzing film. Topics will include environmentalism and contemporary eco cinema, sexual representation and pornography, and social problem films during the Progressive Era in the United States. Hollywood, silent cinema, global and national cinemas will be included as they are relevant to the topic covered. Course can be repeated for credit.

credit hours: 3

COMM 3550 Third World Cinema

Third World Cinema

This course surveys the cinematic practices of the developing nations of Africa, Asia, Latin America and the Middle East. The filmic practice, at once revolutionary and ideological, has not

only produced some of the world's most striking filmic innovations, but is now recognized as having initiated a new phase and expanded definitions of the art of cinema. The issues to be addressed include: the development of a national cinema, the impact of politics on film style, video and television culture, the commonalities and differences in modes of production, the relationship of film to the societies' values and cultures and the role of cinema as a mediation of history.

credit hours: 3

COMM 3560 History of Animation

History of Animation

This course examines the history of animation within the field of film studies. The shift to digital cinema has encouraged historians and theorists to revise distinctions between animation and film and to reckon with the pervasiveness of moving image media created through diverse techniques. To understand the implications of this shift and the significance of animation within media history, this course analyzes animation genres, techniques, and styles and investigates theories of animation as they developed from the late 19th century up to the present.

credit hours: 3

COMM 3650 Feminist Documentation and New Media

Feminist Documentation and New Media

A service-learning, praxis-oriented course in which students develop analytical and reflective skills by critiquing and creating feminist documentation in various media. Study of history and theory of feminist documentary filmmaking and new media will be complemented with learning production and post-production skills. Weekly volunteer work will be done with an organization serving women and girls in New Orleans.

credit hours: 3

COMM 3700 Digital Archives and Cultural Memory

Digital Archives and Cultural Memory

This course combines theory and methods in the study of media archives, cultural memory, and historiography. This course works with community partners to create digital stories and their archival repositories.

credit hours: 3

COMM 3750 Digital Cinema

Digital Cinema

This course introduces students to the history of digital cinema and examines the cultural and political implications of our evolving digital media environment. The transition to the everyday use of digital technologies has been theorized as remediating, relocating, and converging earlier media forms. This course explores the place of film history and theory in this transition and it considers whether this transition marks the end of cinema.

credit hours: 3

COMM 3800 Cinema Reception and Cultural Memory

Cinema Reception and Cultural Memory

This course investigates historical changes in film audiences, film exhibition and film reception from the silent to the contemporary period as well as the issue of cultural memory and cinema. Issues focusing on who the audience for cinema has been during different historical periods, that changes have taken place in the venues in which films have been shown and cinema reception

as cultural history are explored. The course also theorizes questions of reception and memory in terms of psychoanalysis, oral history and the public sphere. This course includes an optional service learning component. COMM 3150, Film Analysis, is recommended but not required.

credit hours: 3

COMM 3810 Special Topics

Special Topics

A detailed study of particular issues, problems, and developments in the history, theory, and criticism of communication. Topics may be drawn from any area of communication, for example, the concept of invention, the rhetoric of religion, non-verbal communication, mass media and culture, and similar themes.

Notes: May be repeated for credit on different topics.

credit hours: 3

COMM 3820 Special Topics

Special Topics

A detailed study of particular issues, problems, and developments in the history, theory, and criticism of communication. Topics may be drawn from any area of communication, for example, the concept of invention, the rhetoric of religion, non-verbal communication, mass media and culture, and similar themes.

Notes: May be repeated for credit on different topics.

credit hours: 3-4

COMM 3880 Writing Intensive

Writing Intensive

credit hours: 1

COMM 3890 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of a three-credit co-requisite course.

Pre-requisites: Departmental approval.

credit hours: 1

COMM 4150 Contemporary Hollywood Cinema

Contemporary Hollywood Cinema

This course focuses on three key aspects of contemporary Hollywood cinema, namely, the film industry, film form and style, and the production, distribution, and reception of films in the digital age. Key topics include conglomeratization of the film industry, the blockbuster film, films as "franchises," the rise of independent cinema, "smart" and "quirky" independent films, digital distribution, the role of film festivals, and "pop-up" cinema. The course concludes with how the film experience is changing in the era of digital distribution and multiple screens.

credit hours: 3

COMM 4170 U.S. Film History

U.S. Film History

This course covers major formal, industrial and cultural issues in the history of cinema in the

United States from 1895 to the present Course topics include the formal distinctiveness of the early period, the emergence of continuity editing and the classical Hollywood style, post-classical cinema, monopolistic industry practices, exhibition venues, the studio system, synchronized sound, contemporary independent production, and the relationship between film and commodity culture. Case studies on censorship, the representation of race and black radical politics, and female spectatorship integrate formal, industrial and cultural analysis.

Notes: COMM 3150 is recommended.

credit hours: 3

COMM 4180 African Cinema

African Cinema

This course will provide a critical and interdisciplinary look at the development of African cinema from its inception in the 1960s to the present. In looking at this period, we will move from the sociopolitical upheavals of late colonialism to the recent phase of introspection and diversification. The relationship of cinematic practices to transformation in the social and economic sphere will be examined, as well as the creation of distinctively African film styles based on oral traditions. In pursuing these topics, we will consider the impact of technology, history and culture, ties to the cinema of other developing nations and co-productions. This course satisfies the capstone requirement.

credit hours: 3

COMM 4190 Introduction of Latin American Film

Introduction of Latin American Film

The development of cinema in Latin American from its arrival as an imported technology to the present. Films studied in relation to the sociopolitical environment and emphasis placed on close analysis as well as a contextual understanding of the material. Topics include the struggle to create national film industries, the art film and New Cinema movements, and recent trends in countries such as Mexico and Argentina.

credit hours: 3

COMM 4200 Media Literacy/Media Education II

Media Literacy/Media Education II

This is the second semester of a two-semester course that introduces students to media literacy-- what it is, media education, and basic media pedagogy. In the second semester, students put to use the media literacy knowledge gained in the first semester by applying those pedagogical considerations in the classroom, assessing student outcomes, and effectively teaching media literacy concepts.

Notes: Enrolling for both semesters, Junior Standing, and Service Learning all required. 20-hours service learning 1st semester; 40-hours 2nd semester. Capstone.

Pre-requisites: COMM 3200.

credit hours: 3

COMM 4220 Aging in the Twenty-First Century US

Aging in the Twenty-First Century US

Examines historical and contemporary representations of aging in US culture. Primary areas of investigation include identity and relationships across the life cycle, the emergence of aging as pathology, consumerism and aging, and age discrimination. The course considers these areas by drawing from and integrating conceptual frameworks in health communication, psychology, medicine, and cultural studies.

credit hours: 3

COMM 4260 Communication, Culture and the Body: Healthy Bodies

Communication, Culture and the Body: Healthy Bodies

An investigation of how human bodies communicate cultural identities and relations historically and across spaces. May repeat under a different topic (COMM 4261, 4262) for credit. This course satisfies the capstone requirement.

credit hours: 3

COMM 4261 Communication, Culture and Body: Feminism, Sci Fi and Technology

Communication, Culture and Body: Feminism, Sci Fi and Technology

An investigation of how human bodies communicate cultural identities and relations historically and across spaces. May repeat under a different topic (COMM 4260, 4262) for credit. This course satisfies the capstone requirement.

credit hours: 3

COMM 4262 Communication, Culture and Body: Dangerous Bodies

Communication, Culture and Body: Dangerous Bodies

An investigation of how human bodies communicate cultural identities and relations historically and across spaces. May repeat under a different topic (COMM 4260, 4261) for credit. This course satisfies the capstone requirement.

credit hours: 3

COMM 4263 Communication, Culture and the Body: Aging Bodies

Communication, Culture and the Body: Aging Bodies

An investigation of how human bodies communicate cultural identities and relations historically and across spaces. May be taken for capstone credit.

credit hours: 3

COMM 4270 Science Fiction, Sex and Race

Science Fiction, Sex and Race

While science fiction forces us to see what is familiar in new and surprising ways, imagining the unfamiliar also builds upon the familiar. This makes sci-fi a good 'venue' to study the widespread assumptions about human nature in different settings. This course interrogates how we negotiate these basic human categories through various science fiction films and theoretical essays.

Reflection on these topics will hopefully provoke fascinating and difficult philosophical questions about the nature of reality, the limits of human knowledge, the notions of personal (racial, ethnic, sexual) identity, and the nature and foundations of universality of these categories.

credit hours: 3

COMM 4280 Race and Ethnicity in American Television

Race and Ethnicity in American Television

"This course examines race and ethnicity in American television from the 1950s to the present. More specifically, it explores the social, political, historical and institutional contexts that have shaped representations of Asian/Americans, Latino/as, and African Americans on television. By analyzing racial and ethnic images within the development of television, students will gain a deeper understanding of the complex histories that shaped the formation of each ethnic group.

While the focus of the course centers on the politics of representation, it moves the discussion beyond the question of stereotypes to explore how concepts such as Orientalism, whiteness, multiculturalism, and post-race contribute to our understanding of racial politics in the United States."

credit hours: 3

COMM 4300 Cultural Politics and Cinema

Cultural Politics and Cinema

This course examines the relationship between media, society, and political discourse as they manifest in the complexities of cultural production beyond US borders. As such, it will be framed around issues pertaining to historical formation and broader political dynamics. This course presumes familiarity with methods of film or media analysis. May repeat under a different topic (COMM 4301, 4302) for credit. This course satisfies the capstone requirement.

Notes: Fulfills capstone requirement for FMST. For capstone credit, students should also register for FMST 5110 with 0 credits. Also fulfills capstone requirement for the Communication major. See listing under Communication.

credit hours: 3

COMM 4301 Global Media, Politics, and Culture: Media and Democracy in Latin America

Global Media, Politics, and Culture: Media and Democracy in Latin America

This course examines the relationship between media, society, and political discourse as they manifest in the complexities of cultural production beyond US borders. As such, it will be framed around issues pertaining to historical formation and broader political dynamics. This course presumes familiarity with methods of film or media analysis. May repeat under a different topic (COMM 4300, 4302) for credit. This course satisfies the capstone requirement.

credit hours: 3

COMM 4302 Global Media, Politics and Culture: Immigration Discourse in Europe

Global Media, Politics and Culture: Immigration Discourse in Europe

This course examines the relationship between media, society, and political discourse as they manifest in the complexities of cultural production beyond US borders. As such, it will be framed around issues pertaining to historical formation and broader political dynamics. This course presumes familiarity with methods of film or media analysis. May repeat under a different topic (COMM 4300, 4302) for credit. This course satisfies the capstone requirement.

credit hours: 3

COMM 4303 Global Media, Politics and Culture: Globalization and Malaysian Film

Global Media, Politics and Culture: Globalization and Malaysian Film

This course engages students in cross-cultural analysis and introduces the unique postcolonial and multicultural context of Malaysian cinema. We will examine historical and current globalization through the lens of the new and acclaimed wave of independent and experimental films that have been earning accolades in international festivals around the world. The course will examine key issues pertaining to gender, ethnoracial, religious and national identities in Malaysia, as well as the cultural geopolitics of the relationship between the West and "East"

Notes: An elective in Asian Studies

credit hours: 3

COMM 4350 Gender and the Cinema

Gender and the Cinema

Explores the position of women in Hollywood and other cinemas by studying the evolution of women's cinema and of feminist film theories from the 1920s to the present. The history of feminist film analysis, focusing on theoretical-sociological, psychoanalytic, semiological underpinning of feminist critiques of both commercial and independent avant-garde film practices.

credit hours: 3

COMM 4550 Advanced Topics in Television Studies: Feminist and Gender Studies

Advanced Topics in Television Studies: Feminist and Gender Studies

This course offers advanced study of television as a unique audio-visual culture with its own history and styles. This course presumes basic knowledge of television terms and methods of media analysis. May repeat under a different topic (COMM 4551, 4552, 4553) for credit. This course satisfies the capstone requirement.

credit hours: 3

COMM 4551 Advanced Topics in Television studies: Post-Network Televisuality

Advanced Topics in Television studies: Post-Network Televisuality

This course offers advanced study of television as a unique audio-visual culture with its own history and styles. This course presumes basic knowledge of television terms and methods of media analysis. May repeat under a different topic (COMM 4550, 4552, 4553) for credit. This course satisfies the capstone requirement.

credit hours: 3

COMM 4552 Advanced Topics in Television Studies: the Public Sphere

Advanced Topics in Television Studies: the Public Sphere

This course offers advanced study of television as a unique audio-visual culture with its own history and styles. This course presumes basic knowledge of television terms and methods of media analysis. May repeat under a different topic (COMM 4550, 4551, 4553) for credit. This course satisfies the capstone requirement.

credit hours: 3

COMM 4553 Advanced Topics in Television Studies: Brazilian TV and Culture

Advanced Topics in Television Studies: Brazilian TV and Culture

This course offers advanced study of television as a unique audio-visual culture with its own history and styles. This course presumes basic knowledge of television terms and methods of media analysis. May repeat under a different topic (COMM 4550, 4551, 4552) for credit. This course satisfies the capstone requirement.

credit hours: 3

COMM 4560 Communication Internship

Communication Internship

This course will challenge the student to apply intelligently the principles, methods, and skills that they have learned in academic settings to the practical experience of an internship with a nonprofit, social service organization. Topics include learning about communication within a complicated political and cultural context, how context affects rhetorical strategies, adaptive communication among diverse social groups, and how these experiences work to prepare the student for a career in a communication field.

Pre-requisites: Permission of instructor, junior or senior standing, 3.0 GPA.

credit hours: 3

COMM 4570 Service Learning Internship in Communication

Service Learning Internship in Communication

Provides combination of academic work and practical experiences in communication with specific service learning organizations.

Notes: Must meet college and departmental requirements.

Pre-requisites: Obtain approvals of academic supervisor and department.

credit hours: 3

COMM 4580 Media, Moral Panics and Crisis

Media, Moral Panics and Crisis

This course will focus primarily on how fears spread, become a major public concern, and turn into a social and political crisis. We will look at controversies and panics around issues such as pedophilia, drugs and terrorism and analyze the processes that elicit alarm about perceived threats to society and produce 'folk devils' (enemies of society).

credit hours: 3

COMM 4610 National Cinemas in Latin America

National Cinemas in Latin America

A detailed historical, thematic, and stylistic analysis of individual national cinemas in Latin America (Cuban cinema, Brazilian cinema, Mexican cinema, for example). Emphasis will be placed on understanding the development of national cinema industries and movements in the context of other social, economic, political, and aesthetic forces.

Notes: May be repeated for credit if the national cinema studied is different. COMM 4190, Intro to Latin American Cinema, is highly recommended, although not a prerequisite.

credit hours: 3

COMM 4650 Asians in American Film and Television

Asians in American Film and Television

"This course examines representations of Asian/Americans in

American film, video and television, from the silent era to the present. situating them within their social, cultural,

political, and historical contexts. The course will address a series of key questions including but not limited to:

Orientalism, Yellow Peril, the Model Minority myth, masculinity, and Asian American aesthetics. By critically exploring these issues, we will gain a deeper understanding of the complex history that has shaped Asian/American experiences and identity formations. The course further expands beyond the question of stereotypes to situate Asian/American media in dialogue with concepts such as Third Cinema, diaspora, identity politics, and racial performance."

credit hours: 3

COMM 4670 Topics in Creative Economy

Topics in Creative Economy

This course explores the intersections between political economy and culture in the formation and sustainability of creative economies and creative production. Topics to be covered in this course may include: creative and cultural policy, creative classes, cultural labor, specific cultural industries, and film and media economies.

credit hours: 3

COMM 4750 New Media Theory

New Media Theory

This course will explore the conceptual frameworks and theories that are essential to an understanding of modern media, a succession of new media including photography, film and digital media. We will focus on theories of semiotics, ideology, psychoanalysis, narrative, modernism, and postmodernism, which have formed the bases for analyzing forms of reproduction from the mechanical to the digital. We will consider the interrelationshipslinkages and rupturesbetween different media and the process of remediation in which the content of a new medium is the older medium that it has replaced. We will end by examining digital media in the context of social/cultural/political formationsgender, race, community, public sphere and global flows. This course satisfies the capstone requirement.

credit hours: 3

COMM 4770 Theories of Consumption and Production

Theories of Consumption and Production

This course analyzes theoretical constructions of media audiences and media producers historically and in contemporary contexts. Liberal, Marxist and feminist paradigms will be explored along with a variety of research methods used in audience and producer studies. This course satisfies the capstone requirement.

Pre-requisites: COMM 3260.

credit hours: 3

COMM 4810 Special Topics in Communication

Special Topics in Communication

A detailed study of particular issues, problems and developments in the history, theory and criticism of communication. Topics may be drawn from any of the departmental areas of concentration, for example, the concept of invention, the rhetoric of religion, non-verbal communication, mass media and culture and similar themes. May be taken twice for credit on different topics. This course satisfies the capstone requirement.

credit hours: 3

COMM 4820 Special Topics in Communication

Special Topics in Communication

A detailed study of particular issues, problems and developments in the history, theory and criticism of communication. Topics may be drawn from any of the departmental areas of concentration, for example, the concept of invention, the rhetoric of religion, non-verbal

communication, mass media and culture and similar themes. May be taken twice for credit on different topics. This course satisfies the capstone requirement.

credit hours: 3

COMM 4830 Spectacular Cinema

Spectacular Cinema

This course investigates the spectacular nature of cinema and examines theories of spectacle through the study of film. The course explores how films deploy special and visual effects to enhance expressions of psychological, spiritual, and material drama. These filmic expressions of spectacle will be studied in dialogue with philosophers and theorists equally interested in spectacular aesthetics and concepts ranging from the sublime, uncanny, and the grotesque to the commodity fetishism, attention economy, and violent inequities of modern society.

credit hours: 3

COMM 4840 Cinema, History, Archive

Cinema, History, Archive

This course focuses on cinema as a site for interrogating historical, textual, institutional, and theoretical issues about the archive. Topics include tropes of archive, the media/ed archive, films as cultural memory, histories of cinema archives, the electronic archive, theories of the archive, and archives in relation to power and knowledge. Film examples are drawn from contemporary Hollywood cinema, silent cinema, classical Hollywood cinema, experimental documentary, and independent and avant garde cinema.

Notes: Capstone for Film Studies and Communication.

credit hours: 3

COMM 4850 Cinema, Technology, Modernity

Cinema, Technology, Modernity

Focus on cinema as a cultural practice during the early and late periods, especially as it has shaped perception and experience. Films are assessed for the way they reenact the logic of key technologies and for the way they represent technologies. Cinema is also viewed as a technology of vision in its own right. In particular, 19th century optical toys, the railroad, photography, the computer and cinema are assessed in relation to shifting conceptions of space and time, modes of experience, the terms of everyday life, and the status of mass culture and reproduction in the modern and postmodern periods. This course satisfies the capstone requirement.

credit hours: 3

COMM 4860 Film Theory

Film Theory

An advanced course focusing on contemporary French, British and U.S. film theory. Topics include realism and phenomenology, Russian Formalism, neoformalism, structuralism, narratology, Marxism and ideology, psychoanalysis, cinema semiotics, feminism and

poststructuralism. Debates covered assess film as a text; the relationship between film and the spectator; and the implications of cinema as a historical phenomenon, including the status of digital cinema. Early, classical Hollywood, contemporary, and avant-garde films screened. A required film journal helps students develop analytical skills. Required for the Film Studies major or minor.

Pre-requistites: COMM 3150.

credit hours: 4

COMM 4880 Writing Intensive

Writing Intensive

credit hours: 1

COMM 4890 Service Learning

Service Learning

credit hours: 1

COMM 4910 Independent Studies

Independent Studies

Open to qualified juniors and seniors only.

credit hours: 1-3

COMM 4920 Independent Studies

Independent Studies

Open to qualified juniors and seniors only.

credit hours: 1-3

COMM 4990 Honors Thesis

Honors Thesis

This course will enable students to integrate knowledge about the specific nature of film as a medium and the history of theoretical debates that have shaped the study of film and of cinema. It will also provide students with an opportunity to apply the formal and theoretical knowledge gained from the two required courses for the major to consider new theoretical problems about cinema, revisions, and reassessments of earlier debates in film studies and related fields, questions of national cinema, and/or new developments in filmmaking. This course, which carries 0 credit, is combined with a capstone designated course (3 credits) or a special topics course that is designated as a capstone (3 credits). Fulfills capstone requirement for FMST when approved as film topic. In this case and for capstone credit, students should also register for FMST 5110 with 0 credits.

credit hours: 3

COMM 5000 Honors Thesis

Honors Thesis

This course will enable students to integrate knowledge about the specific nature of film as a medium and the history of theoretical debates that have shaped the study of film and of cinema. It will also provide students with an opportunity to apply the formal and theoretical knowledge gained from the two required courses for the major to consider new theoretical problems about cinema, revisions, and reassessments of earlier debates in film studies and related fields, questions of national cinema, and/or new developments in filmmaking. This course, which carries 0 credit, is combined with a capstone designated course (3 credits) or a special topics course that is designated as a capstone (3 credits). Fulfills capstone requirement for FMST when

approved as film topic. In this case and for capstone credit, students should also register for FMST 5110 with 0 credits.

credit hours: 4

COMM 5110 Capstone

Capstone

The zero credit add-on that designated an approved upper-level course to satisfy the capstone requirement. Consult the department for this list of courses.

credit hours: 0

COMM 6210 Seminar in Communication Studies

Seminar in Communication Studies

An intensive study of a specific issue or set of issues in rhetoric and public address, interpersonal communication, or mass communication (e.g. propaganda, legal communication research), or of an individual theorist (e.g. Aristotle, Kenneth Burke), or genre of discourse (e.g. ideological argumentation, the rhetoric of social movements). May be taken twice for credit on different topics. This course satisfies the capstone requirement.

Pre-requisites: approval of instructor.

credit hours: 3

COMM 6220 Seminar in Communication Studies

Seminar in Communication Studies

An intensive study of a specific issue or set of issues in rhetoric and public address, interpersonal communication, or mass communication (e.g. propaganda, legal communication research), or of an individual theorist (e.g. Aristotle, Kenneth Burke), or genre of discourse (e.g. ideological argumentation, the rhetoric of social movements). May be taken twice for credit on different topics. This course satisfies the capstone requirement.

Pre-requisites: approval of instructor.

credit hours: 3

COMM 6910 Communication Independent Study (Graduate)

Communication Independent Study (Graduate)

credit hours: 1-3

COMM 6920 Communication Independent Study (Graduate)

Communication Independent Study (Graduate)

credit hours: 3

COMM H4990 Honors Thesis

Honors Thesis

For especially qualified juniors and seniors with approval of the department and the Honors Committee.

credit hours: 3

COMM H5990 Honors Thesis

Honors Thesis

For especially qualified juniors and seniors with approval of the department and the Honors Committee.

credit hours: 3

CLST 4800 Special Topics in Cultural Studies

Special Topics in Cultural Studies

An in-depth examination of specific cultural studies topics which may be drawn from any of the areas of concentration, for example the body in the Western tradition or the rhetoric of scientific invention.

Notes: May be taken twice for credit on different topics.

credit hours: 3

CLST 5900 Cultural Studies Research Seminar

Cultural Studies Research Seminar

This seminar will enable students to integrate the multi-disciplinary course work taken as a cluster area of concentration. Students will meet regularly with the professors, either individually or in groups, and will be expected to produce a substantial research paper. This paper should demonstrate their ability to synthesize diverse disciplinary and theoretical approaches to some aspect of the cluster area and to analyze its relationship to a specific cultural context.

credit hours: 3

DANA 2400 Beginner/Intermediate Pilates

Beginner/Intermediate Pilates

Priority is given to theatre and dance majors. A comprehensive study of the fundamentals of mat work designed by Joseph Pilates: alignment, posture and the balance of stretch, strength and control. Emphasis is given to the principles behind the Pilates Method of Body Conditioning: centering, concentration, control, precision, breath and flow. The course will guide students to an intermediate level of work.

credit hours: 3

DANA 2500 Intermediate Yoga

Intermediate Yoga

This is an intermediate level vinyasa style yoga class that places an emphasis on the yoga asanas. We will use the breath to flow through sequences of yoga postures, including sun salutations, standing asanas, balancing asanas, arm balances, back bends, and inversions. This will be a rigorous physical experience, and as the semester progresses, advanced yoga postures will be introduced. Priority is given to dance majors and minors.

credit hours: 1

DANC 1510 Dance Composition I

Dance Composition I

An introduction to dance composition with an emphasis on spatial design, sources of movement, viewing choreography, and the basic elements of space, time, shape, and motion.

Pre-requisites: Approval of instructor.

credit hours: 3

DANC 1520 Dance Composition II

Dance Composition II

A continuation of Dance 1510 with emphasis on dynamics, rhythm, sound sources for choreography, and the structure of a dance work.

Pre-requisites: DANC 1510 or DANC 2010.

credit hours: 3

DANC 1810 Tap Dance I

Tap Dance I

A beginning course in tap introducing basic rhythmic movement skills necessary for various tap styles.

Notes: May be taken for credit two times.

credit hours: 2

DANC 1910 African Dance I

African Dance I

Introduction to basic technique and African ethnic dance forms including three traditional dances.

Notes: May be taken for credit two times.

credit hours: 2

DANC 1920 Brazilian Dance

Brazilian Dance

Introduction to Brazilian dance, focusing especially on samba, the overview of history and cultural context.

Notes: May be taken for credit two times.

credit hours: 2

DANC 1930 Ballet I

Ballet I

An introduction to classical ballet. Basic theory and techniques of classical ballet as well as the appreciation of the art form.

Notes: May be taken for credit two times.

credit hours: 2

DANC 1950 Jazz Dance I

Jazz Dance I

An introductory course to the basic foundations of jazz dance, emphasizing body placement, isolations, and rhythmic qualities of jazz.

Notes: May be taken for credit two times.

credit hours: 2

DANC 1970 Modern Dance I

Modern Dance I

Introduction to modern dance technique, with emphasis on alignment and basic elements of space, shape, time, and motion. Includes theory and application of dance as an art form.

Notes: May be taken for credit two times.

credit hours: 2

DANC 2010 Performance I

Performance I

A structured and at times spontaneous exploration of space, time, shape, sound, scenario, motion, and expenditure of energy to the end of attracting and holding the attention of the audience.

Notes: Students may not receive credit for both DANC 1510 and THEA 2010/DANC 2010.

credit hours: 3

DANC 2030 Movement for Actors

Movement for Actors

This course is intended to introduce physical technique within the craft of acting, through investigation into physical structure, function and use, and exploration of physical character.

credit hours: 1

DANC 2210 Introduction to Dance - Ballet

Introduction to Dance - Ballet

An introduction to classical ballet including beginning ballet technique and an overview of ballet history from its inception to the present day.

credit hours: 3

DANC 2220 Introduction to Dance - Modern Dance

Introduction to Dance - Modern Dance

An introduction to modern dance including beginning modern dance technique and an overview of modern dance history from its inception to the present day.

credit hours: 3

DANC 2230 Introduction to Dance - Jazz Dance

Introduction to Dance - Jazz Dance

An introductory course for students who seek information regarding the different aspects of the dance world, including different genres (ballet, modern, jazz, and world dance). Special emphasis is given to the role of American Vernacular dance - jazz dance and its identity in the dance scene of America.

credit hours: 3

DANC 2520 Dance Composition II

Dance Composition II

credit hours: 3

DANC 2810 Tap Dance II

Tap Dance II

credit hours: 2

DANC 2820 Tap Dance II

Tap Dance II

A continuation of the development of movement skills and an expanded tap vocabulary.

Notes: May be taken for credit four times.

Pre-requisites: DANC 1810.

credit hours: 3

DANC 2910 African Dance II

African Dance II

Continuation of the development of African dance skills with emphasis on understanding and demonstrating basic components necessary to choreograph traditional African dance movements.

Notes: May be taken for credit six times.

credit hours: 2

DANC 2930 Ballet II

Ballet II

Continuation of 1930.

Notes: May be taken for credit four times.

credit hours: 2

DANC 2950 Jazz Dance II

Jazz Dance II

A continuation of the development of movement skills with emphasis on alignment and expanded jazz dance vocabulary.

Notes: May be taken for credit four times.

credit hours: 2

DANC 2970 Modern Dance II

Modern Dance II

Continuation of 1970.

Notes: May be taken for credit four times.

credit hours: 2

DANC 3050 Environmental Performance

Environmental Performance

Environmental Performance is an interdisciplinary course that may in any semester combine theatre, dance and other performing arts as these concern environmental issues. Students will study environmental topics and then use composition and improvisation techniques to create a performance project based on the environmental issues studies. All students must be interested in collaborating and be willing to move. Dance experience is not necessary. Course may involve community partners and/or public service.

credit hours: 3

DANC 3240 American/Afro-Caribbean Social and Vernacular Dance Forms

American/Afro-Caribbean Social and Vernacular Dance Forms

This course will study, compare selected social and vernacular dances from early American vernacular jazz dance and selected Afro-Caribbean dance idioms: Coursework includes assigned reading, lecture, research, videotape viewing and studio dancing.

credit hours: 3

DANC 3330 Dance Pedagogy

Dance Pedagogy

A seminar and practicum course providing opportunities for dance students to acquire skills in dance teaching methodologies and strategies. Topics include organization of subject matter, weekly and unit lesson planning, development of assessments, utilization of information technology for instruction, working with diverse populations of students. Activities include observation in college classrooms (shadowing), seminars and conferences with teachers in field, in-class/micro/peer teaching, and 50 hours of field work including observation and consultation with dance field professor and field-experience teaching of assistant teaching at NOPS in discipline-based or curriculum-based programs.

Pre-requisites: DANC 2010, 2520, and 3520.

credit hours: 3

DANC 3520 Dance Composition III

Dance Composition III

An in-depth study of dance composition with an emphasis on choreographic design and dynamics, creating new movement materials, working with music, and choreographing complete

solo works.

Pre-requisites: DANC 2010.

credit hours: 3

DANC 3550 Laban Movement Studies

Laban Movement Studies

Laban Movement Analysis (LMA), developed by Rudolph Laban, is a theoretical framework and language for describing movement through movement experiences, observations and theoretical discussions. It is a system of observing, analyzing, and synthesizing patterns of movement within the context of the actions. The goal of LMA is to be fully embodied, to access maximum movement potential, to find authentic movement, and to integrate the body and mind in the study of effort, shape, and space.

credit hours: 3

DANC 3610 Children's Dance Methods and Practicum (Grades 4-5)

Children's Dance Methods and Practicum (Grades 4-5)

This practicum course provides opportunities for dance candidates to acquire skills in teaching methodologies and strategies specific to dance education in grades 4-5. Course activities include observation and consultation with content field professor and field experience at school setting developing assessments and lesson plans along with teaching. This course requires 40 hours of field experience in the upper elementary grades (4-5) in addition to the 50 field experience hours in EDUC 3500 which occur in grades K-3.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, EDUC 3400, EDUC 3800 and 3820, DANC 2010 and DANC 2520 and level III modern dance proficiency

Co-requisites: EDUC 3500.

credit hours: 1

DANC 3620 Dance for Children

Dance for Children

Practical experience teaching dance to children. Students plan and teach dance to children in a workshop setting.

Pre-requisites: Approval of instructor.

credit hours: 3

DANC 3700 Dance Movement Science

Dance Movement Science

Dance Movement Science is an introduction to the field of Dance Science. This course will explore various somatic practices and benefits of cross-training. Additionally students will learn anatomy, anatomical analysis, conditioning principals and develop applicable skills that they may apply to their studio practice and dance performance.

credit hours: 3

DANC 3710 Conditioning for Dance

Conditioning for Dance

In this course you will learn the principles of conditioning and how to use them to train, maintain and care for your body, the instrument of the art of dance. You will also build physical capacities to improve your dance performance and reduce injury. Additionally, students will be introduced to various somatic practices that support their studio work.

credit hours: 3

DANC 3800 Modern Dance III

Modern Dance III

Continuation of the development of modern dance skills with emphasis on alignment and an expanded movement vocabulary. Combining the different elements of dance: time, space, and motion. Includes theory of dance as an art form. Class meets 2 times per week.

Notes: May be taken for credit six times.

credit hours: 1

DANC 3810 Tap Dance III

Tap Dance III

An intermediate course in tap dance with emphasis on alignment and rhythmic skills.

Notes: May be taken for credit six times.

Pre-requistites: Previous training in tap and other dance forms required.

credit hours: 2

DANC 3820 Ballet III

Ballet III

Continuation of the development of classical ballet technique with emphasis on alignment and expanded movement vocabulary. Includes theory of ballet and appreciation of ballet as an art form. Class meets 2 times per week.

Notes: May be taken for credit six times.

credit hours: 1

DANC 3830 Intensive Modern Dance III

Intensive Modern Dance III

Continuation of the development of modern dance skills with emphasis on alignment and an expanded movement vocabulary. Combining the different elements of dance: time, space, and motion. Includes theory of dance as an art form. Class meets 4 days per week.

Notes: May be taken for credit six times.

credit hours: 3

DANC 3840 Intensive Ballet III

Intensive Ballet III

Continuation of the development of classical ballet technique with emphasis on alignment and expanded movement vocabulary. Includes theory of ballet and appreciation of ballet as an art form. Course meets 4 days per week.

Notes: May be taken for credit six times.

credit hours: 3

DANC 3890 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of a three-credit croquets course.

Pre-requistites: Departmental approval.

credit hours: 0

DANC 3950 Jazz Dance III

Jazz Dance III

A study of jazz dance at the intermediate level, including warm-ups, isolations, and locomotor movements specific to the jazz dance style. Historical developments of jazz and musical theatre

dance are emphasized.

Notes: May be taken for credit six times.

credit hours: 1

DANC 3960 New Orleans Jazz Dance Project: Newcomb College Summer Dance Festival

New Orleans Jazz Dance Project: Newcomb College Summer Dance Festival

The New Orleans Jazz Project: Newcomb College Summer Dance Festival is presented for two weeks annually in June offering an intensive schedule of technique classes in jazz, African, musical theatre, tap, hip hop, and modern dance forms, with repertory classes which culminates in performance by the participants. Lecture-demonstration projects, special lectures, and professional performances complete programming for evening events. Final decision on placement of students in technique and repertory classes will be determined by the faculty at the beginning of the workshop.

Notes: The minimum requirement for credit is three classes per day, one repertory class and/or rehearsals, attendance for all evening sessions and special events, and performance in repertory concert. Combined activities total 76 hours.

credit hours: 3

DANC 3970 Professional Track Project

Professional Track Project

An intensive three-week dance residency and performance tour throughout the southeast that culminates in a public performance in New York City. The project serves as a bridge for pre-professional dancers between the University and the professional career in dance.

Pre-requisites: Approval of dance faculty.

credit hours: 3

DANC 3990 Dance Performance Practicum

Dance Performance Practicum

Practical performing experience in dance. Required for the dance minor.

Notes: May be taken for credit two times.

credit hours: 1

DANC 4320 Movement Stories

Movement Stories

An interdisciplinary studio course that examines creation of and communication of stories through movement and theatre approaches with emphasis on creativity and invention.

credit hours: 3

DANC 4520 Composition IV

Composition IV

A continuation of DANC 3520 with emphasis on group forms, sound sources for dance and development of fully designed dance pieces.

Pre-requisites: DANC 2010 and 3520.

credit hours: 3

DANC 4560 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work, e.g. Internship seminars offered by the Tulane University Center for Public Service for fulfillment of second tier public service. Only one internship may be completed per semester.

Notes: A maximum of three credits may be earned in one course.

Pre-requisites: Approval of the instructor and department by proposal.

credit hours: 1-3

DANC 4570 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work, e.g. Internship seminars offered by the Tulane University Center for Public Service for fulfillment of second tier public service. Only one internship may be completed per semester.

Notes: A maximum of three credits may be earned in one course.

Pre-requisites: Approval of the instructor and department by proposal.

credit hours: 3

DANC 4580 Dance Company

Dance Company

Performing experience, advanced-level dance techniques and practical experience in dance production.

Notes: By audition or invitation of the dance faculty. May be taken for credit eight times.

Co-requisites: Intermediate or advanced technique class.

credit hours: 1

DANC 4590 Senior Production

Senior Production

A continuation of dance composition with emphasis on development, research and production of senior concert pieces with written analysis of process.

Notes: May be taken for credit two times.

Pre-requisites: DANC 2010, 3520, 4520.

credit hours: 3

DANC 4600 Choreography and Media

Choreography and Media

An introduction to dance for camera in its various forms. It provides a brief overview of aesthetic, historic, and cultural representations of the body through image and media and offers a context in which to explore visual imagery and narrative within the frame of camera/screen.

credit hours: 3

DANC 4650 Capstone Choreographic Project

Capstone Choreographic Project

credit hours: 3

DANC 4710 Dance History: Primitive through 19th Century

Dance History: Primitive through 19th Century

A survey of dance, including the anthropological aspects of dance, in primitive cultures and the development of dance in the Western World.

Pre-requisites: DANC 1050, 2210, 2220, or 2230.

credit hours: 3

DANC 4720 Dance History: 20th-Century United States

Dance History: 20th-Century United States

A survey of dance in the 20th-century United States emphasizing the development of modern

dance, its impact on classical ballet and on dance in the Western World.

credit hours: 3

DANC 4800 Modern Dance IV

Modern Dance IV

A kinesthetic, non-stylized approach to movement. Exploration of complex movement skills integrating alignment, dynamics, spatial design, and rhythmic structure. Includes theory and appreciation of dance as an art form. Class meets 2 days per week.

Notes: May be taken for credit eight times.

credit hours: 1

DANC 4810 Special Topics

Special Topics

Specialty courses in dance techniques, projects, and dance related subjects as designed by dance faculty.

credit hours: 3

DANC 4820 Ballet IV

Ballet IV

Classical ballet technique with emphasis on alignment, complex movement combinations, and precision in execution. Includes pointe work and theory of ballet as an art form. Class meets 2 days per week.

Notes: May be taken for credit eight times.

credit hours: 1

DANC 4830 Intensive Modern Dance IV

Intensive Modern Dance IV

A kinesthetic, non-stylized approach to movement. Exploration of complex movement skills integrating alignment, dynamics, spatial design, and rhythmic structure. Includes theory and appreciation of dance as an art form. Class meets 4 days per week.

Notes: May be taken for credit eight times.

credit hours: 3

DANC 4840 Intensive Ballet IV

Intensive Ballet IV

Classical ballet technique with emphasis on alignment, complex movement combinations, and precision in execution. Includes pointe work and theory of ballet as an art form. Class meets 4 days per week.

Notes: May be taken for credit eight times.

credit hours: 3

DANC 4850 Capstone Special Topics

Capstone Special Topics

Specialty courses in dance techniques, projects and dance related subjects as designed by dance faculty. A senior level course that may combine academic and/or experiential course work as internship or senior seminar or independent study that would fulfill a capstone experience. Course will contain advanced work that demonstrates cumulative and integrated knowledge. A complete description will be given when offered by respective professor.

Pre-requisites: Approval of instructor and department required.

Co-requisites: DANC 5110 (0 credits) for capstone credit.

credit hours: 3

DANC 4900 Building Community in the Arts

Building Community in the Arts

This course will be taught in coordination with courses offered at Xavier and Dillard Universities. The course examines the theory and practice of community-based arts, civic engagement in higher education, and the relationship between art and community development. Students will work in teams with local artists on Home, New Orleans?, a multi-disciplinary, art-and-community-development project grounded in 4 selected New Orleans neighborhoods, the 9th Ward, the 7th Ward, Central City and Lakeview.

Notes: Upper level course in the fine arts that fulfills Fine Arts and Public Service and for the BA and BFA dance major may serve to fulfill the Capstone Experience in their senior year.

credit hours: 3

DANC 4910 Independent Study

Independent Study

Independent practical and research study in dance or dance-related areas.

Notes: Open to qualified juniors and seniors with approval of instructor.

credit hours: 1-3

DANC 4950 Jazz Dance IV

Jazz Dance IV

An advanced study of dance devoted to movement exploration involving spatial, dynamic, and rhythmic combinations of various jazz and musical theatre dance styles. Historical study of jazz dance development is emphasized.

Notes: May be taken for credit eight times.

credit hours: 1

DANC 4960 Tap Dance IV

Tap Dance IV

An advanced course in rhythm tap with emphasis on complex rhythm patterns requiring intricate foot articulations and stylistic dance movements.

Notes: May be taken for credit eight times.

Pre-requisites: Approval of instructor.

credit hours: 1

DANC 5110 Capstone

Capstone

Co-requisites: An approved Dance capstone course.

credit hours: 0

DANC 5140 Secondary Methods of Teaching II: Dance Methods

Secondary Methods of Teaching II: Dance Methods

A seminar and practicum course providing opportunities for secondary teacher candidates to acquire skills in teaching methodologies and strategies specific to dance instruction. Topics include organization of subject matter, weekly and unit lesson planning, development of assessments, utilizing information technology for instruction, and working with diverse populations of students. Course activities include observation in college classrooms, conferences with content field specialists, teaching in a secondary classroom, discussion/reflections, demonstration of effective use of standards documents, inquiry activities

and a review of effective pedagogical and school improvement literature. This course requires fifty hours of field experience in a middle or high school classroom.

Notes: Education undergraduates must also register for the within course service learning/practicum component EDUC 5890-06.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3200, PSYC 3390, EDUC 3400, 3500, 3800, 3820, DANC/EDLA 3610 and progress towards dance

credit hours: 3

DANC 6210 Seminar I: Text and Movement Studies/Solo Performance

Seminar I: Text and Movement Studies/Solo Performance

A graduate level course where choreographers work on individual and collaborative projects that examine the relationship between a variety of texts, existent and original, and communication through movement. Projects/studies are presented throughout the semester. Taught in conjunction with MFA in Playwriting, and with direct in-program experience with Performance I (DANC/THEA 2010) for undergraduate students.

Pre-requisites: IDP MFA Acceptance/Department approval required.

credit hours: 3

DANC 6220 Seminar II: Writing About Dance

Seminar II: Writing About Dance

This seminar introduces graduate students to dance research and dance theory by examining the work of contemporary scholars/researchers, dance historians, and dance critics. The class will cover several aspects of writing about dance, including: research methods; writing a literature review; writing about live performance; writing about dance history; analyzing choreography; writing dance descriptions; writing about the dancing body; and taking theoretical approaches to create original scholarship.

Pre-requisites: IDP MFA Acceptance/Departmental approval required.

credit hours: 3

DANC 6410 Choreography and Media

Choreography and Media

This course provides an introduction to dance for camera in its various forms, from the video-taping and editing of dance for the purpose of documentation, to the creation of dances made specifically for the screen. It provides a brief overview of aesthetic, historic and cultural representations of the body through image and media, and offers a context in which to explore visual imagery and narrative within the frame of the camera/screen, in contrast to that of the proscenium stage. This material is intended as a springboard for further in-depth exploration.

Pre-requisites: IDP MFA Acceptance/Departmental approval required.

credit hours: 3

DANC H4990 Honors Thesis

Honors Thesis

Pre-requisites: Approval of department and Honors Committee.

credit hours: 3

DANC H5000 Honors Thesis

Honors Thesis

Pre-requisites: Approval of department and Honors Committee.

credit hours: 3

DMPR 2001 Digital Filmmaking Fundamentals I

Digital Filmmaking Fundamentals I

An introduction to the basic theoretical and practical techniques of audio, radio, film and television, emphasizing the processes of production in each medium. Topics include sound recording and mixing, basic script writing, storyboarding, camera operation and basic editing.

Notes: Elective in Theatre

Pre-requisites: Permission of instructor

credit hours: 3

DMPR 2002 Digital Filmmaking Fundamentals II

Digital Filmmaking Fundamentals II

An introduction to more of the basic theoretical and practical techniques of audio, radio, film and television, emphasizing the processes of production in each medium. Topics include animation effects and compositing, lighting, makeup for TV and Film, film budgeting and scheduling and advanced editing techniques.

Notes: Elective in Theatre

Pre-requisites: Successful completion of DMPR 2001, permission of instructor

credit hours: 3

DMPR 3030 Television and Film Sound Design

Television and Film Sound Design

Professional, high quality sound design practices in narrative film are analyzed and implemented in this course. This hands-on experience will explore techniques of recording, mixing, processing, synthesis, sampling, and analysis of digital audio with emphasis on the fundamental elements of producing, designing and editing sound specifically for the moving image. Topics to be covered include microphone techniques, field and studio recording, stereo and 5.1 surround sound distribution, and Foley and ADR techniques. Students will collaborate in designing the sound for the Senior films.

Pre-requisites: DMPR 2001 or permission of the instructor

credit hours: 3

DMPR 3040 Lighting and Cinematography

Lighting and Cinematography

Techniques in the art and craft of lighting and digital cinematography are covered, from angles, frame composition, filters, and camera movement to image control through lighting, exposure, focus and lenses. Students learn from in-class demonstrations, out of class assignments, and analysis of the techniques of the masters in cinematography. The duties of camera department personnel are addressed. The class also includes instruction in the use of the dolly, slate, signal monitoring equipment, lighting styles and Steadicam.

Pre-requisites: DMPR 2001

credit hours: 3

DMPR 3220 Digital Production for Nonprofits

Digital Production for Nonprofits

This course emphasizes the role of communication in building understanding and nurturing change. It will consider the art of expressing ideas combined with the science of transmitting information. In this hands-on experience, students will analyze a communication situation or problem and then design and implement a communication plan that will help the nonprofit community partner achieve positive social change, fulfill it's mission, advance its program and

policies and make its value known. Service Learning is a required element in this course.

Prerequisites: DMPR 2001, junior status.

Pre-requistites: DMPR 2001, junior status

credit hours: 3

DMPR 3910 SPECIAL TOPICS

SPECIAL TOPICS

Specialty courses for undergraduates in Digital Media Production techniques and projects as designed by visiting or permanent faculty teaching in the program. Topics may be drawn from any area of film, television and multimedia production, for example advanced cinematography, film scoring, or documentary filmmaking and similar topics. May be repeated for credit on different topics. Prerequisites vary depending on the topic.

credit hours: 3

DMPR 3920 SPECIAL TOPICS

SPECIAL TOPICS

Specialty courses for undergraduates in Digital Media Production techniques and projects as designed by visiting or permanent faculty teaching in the program. Topics may be drawn from any area of film, television and multimedia production, for example advanced cinematography, film scoring, or documentary filmmaking and similar topics. May be repeated for credit on different topics. Prerequisites vary depending on the topic.

credit hours: 3

DMPR 4070 Contemporary Film as Art and Industry

Contemporary Film as Art and Industry

The Hollywood filmmaking process from conception through distribution is analyzed in this course through the critique and reflections of some of the most significant contemporary contributors to the medium including directors, writers and producers and scholars. Many critique the industry in their films as well as in writing. These films will also be analyzed.

Pre-requistites: Permission of the Instructor

credit hours: 3

DMPR 4910 Independent Study

Independent Study

A planned learning experience covering material not included in regular course offerings accomplished independent of formal classroom and/or laboratory sessions through written contract between a student and faculty member. A plan of study must be proposed by the student and approved by the faculty member who supervises and grades the project outcomes. The course is usually completed within one semester.

Pre-requistites: Permission of the Instructor

credit hours: 3

DMPR 4920 Independent Study

Independent Study

A planned learning experience covering material not included in regular course offerings accomplished independent of formal classroom and/or laboratory sessions through written contract between a student and faculty member. A plan of study must be proposed by the student and approved by the faculty member who supervises and grades the project outcomes. The course is usually completed within one semester.

Pre-requisites: Permission of the Instructor

credit hours: 3

DMPR 5550 Advanced Digital Filmmaking I

Advanced Digital Filmmaking I

"Professional, high quality narrative film preproduction practices are analyzed and implemented in this course. Writing the script, selecting the cast, choosing locations, budgeting, financing, securing rights, art directing, and breaking the script down for scheduling the capstone film will be completed. At the completion of this two-semester course, each student will participate in a public screening of his or her film.

Notes: Elective in Theatre

Pre-requisites: DMPR 2002, Permission of Instructor

credit hours: 3

DMPR 5560 Advanced Digital Filmmaking II

Advanced Digital Filmmaking II

In this capstone experience, each student will produce, direct, promote and complete postproduction of the short narrative film he or she pre-produced in Advanced Digital Filmmaking I, the prerequisite class. Crew organization, responsibilities for narrative synch-sound shooting, the management of the set and the shooting day, and script supervision will be analyzed and implemented. Editing, color correction, sound design and scoring will encompass the post-production phase. At the completion of this two-semester course, each student will participate in a public screening of his or her film.

Notes: Elective in Theatre

Pre-requisites: DMPR 2002, DMPR 5550 or Permission of Instructor

credit hours: 3

ECON 1010 Introductory Microeconomics

Introductory Microeconomics

An introduction to theory of prices and the allocation of resources. Topics include the pricing of goods and services, the determination of wages and returns to capital, market structure, and international trade.

credit hours: 3

ECON 1020 Introductory Macroeconomics

Introductory Macroeconomics

An introduction to theory of aggregate income, employment, and the price level. Topics include unemployment, alternative monetary and fiscal policies, and economic growth.

credit hours: 3

ECON 1030 Honors Introductory Microeconomics

Honors Introductory Microeconomics

No prerequisites. Open to students with an honors standing only. A reading intensive introduction to microeconomics.

Notes: The course satisfied the ECON 1010 requirement. Students cannot take both ECON 1010 and ECON 1030.

credit hours: 3

ECON 1040 Honors Introductory Macroeconomics

Honors Introductory Macroeconomics

Open to students with an honors standing only. A reading intensive introduction to macroeconomics.

Notes: The course satisfies the ECON 1020 requirement. Students cannot take both 1020 and 1040.

Pre-requisites: ECON 1010 or ECON 1030.

credit hours: 3

ECON 1050 Introduction to Microeconomics for Public Policy

Introduction to Microeconomics for Public Policy

An introduction to theory of prices and the allocation of resources with applications to public policy. Topics include the pricing of goods and services, the determination of wages and returns to capital, market structure, efficiency and equity, welfare economics, externalities, and public goods.

Notes: Counts as course for the new Summer Public Policy Minor

credit hours: 3

ECON 3010 Intermediate Microeconomics

Intermediate Microeconomics

An exposition of modern microeconomic theory. Theory of consumer choice, production cost, product markets, and input markets.

Notes: Students may not receive credit for both Economics 3010 and 3030.

Pre-requisites: ECON 1010 or ECON 1030.

credit hours: 3

ECON 3020 Intermediate Macroeconomics

Intermediate Macroeconomics

An exposition of modern macroeconomic theory. Theory of national income, employment, and the price level. The role of monetary and fiscal policy in economic stabilization and growth.

Pre-requisites: ECON 1020 or ECON 1040.

credit hours: 3

ECON 3030 Intermediate Microeconomics with Calculus

Intermediate Microeconomics with Calculus

An exposition of modern microeconomic theory using calculus. Topics include theory of consumer choice, firm production cost, competitive and noncompetitive market structures, markets with public goods or externalities, and general equilibrium.

Notes: Students may not receive credit for both ECON 3010 and ECON 3030.

Pre-requisites: ECON 1010 or ECON 1030 and MATH 1210.

credit hours: 3

ECON 3100 Economics of Money and Banking

Economics of Money and Banking

Covers both theory of monetary systems and the current structure of United States financial institutions. General topics to be included are monetary systems, financial intermediation and resource allocation, informational value of economy-wide financial markets, the term structure of interest rates, United States financial institutions and their relation to the federal reserve system, regulatory issues, and current tactics in monetary control.

Pre-requisites: ECON 1020 or ECON 1040.

credit hours: 3

ECON 3230 Introduction to Econometrics

Introduction to Econometrics

A one semester introduction to econometric theory and practice. After a brief review of probability theory and descriptive and inferential statistics, we will lay the theoretical foundation for the most commonly used tool in applied economics: linear regression. Our study of linear regression will be based on the Gauss-Markov conditions. The final portion of the course will cover applications and special cases of linear regression. The course will make extensive use of the statistical software Stata. Corequisite: ECON 3240, Econometrics Lab

Pre-requisites: Microeconomics, ECON 1010; A course in statistics.

Co-requisites: ECON 3240, Econometrics Lab

credit hours: 3

ECON 3240 Econometrics Lab

Econometrics Lab

"Prerequisite: Introduction to Microeconomics, Econ 1010; Corequisite: Econometrics, ECON 3230 An introduction to the use of a statistical programming language. Students will learn skills such as graphing, regression analysis, and data manipulation. Ways to avoid common mistakes and good programming techniques are also provided."

Pre-requisites: Prerequisite: Introduction to Microeconomics, Econ 1010; Corequisite: Econometrics, ECON 3230

credit hours: 1

ECON 3320 Urban Economics

Urban Economics

A review of the determinants of the location, size, growth, and form of urban areas. Study of the major issues of contemporary urban life: physical deterioration, growth of ghettos, congestion, pollution, transportation, and land use.

Pre-requisites: ECON 1010 or ECON 1030.

credit hours: 3

ECON 3330 Environment and Natural Resources

Environment and Natural Resources

An introduction to the economic theory of how and why people make decisions that have consequences for the natural environment and the availability of renewable and nonrenewable natural resources. Analysis will include valuation of pollution damages and controls, the use of environmental valuations to determine optimal rates of extraction and utilization of natural resources. The course will apply analytical results to current environmental and natural resources issues.

Pre-requisites: ECON 1010 or ECON 1030.

credit hours: 3

ECON 3340 Government in the Economy

Government in the Economy

An analysis and description of the role of government in the economy with specific applications to the United States. Sources of market failures such as public goods, externalities, and non-competitive practices are discussed. Other topics include theories of public choice, anti-trust legislation, regulation, the pricing of public sector output, and cost-benefit analysis.

Pre-requisites: ECON 1010 or ECON 1030.

credit hours: 3

ECON 3350 Law and Economics

Law and Economics

Economic analysis of legal rules and institutions. Topics include property law, tort law, liability rules, the Coase theorem, and accident and nuisance law. Selected applications of current interest.

Pre-requisites: ECON 1010 or ECON 1030.

credit hours: 3

ECON 3370 The World Economy

The World Economy

This course offers a non-technical introduction to the analysis of international economic issues. While we will be primarily interested in developing standard economic approaches to these issues we will also offer a variety of other useful approaches from political science, sociology, and less mainstream parts of economics. Among specific issues to be treated: protectionism, multinational firms, debt crisis, international macroeconomic policy coordination and European integration.

Pre-requisites: ECON 1010 and ECON 1020.

credit hours: 3

ECON 3420 Economic History of the United States

Economic History of the United States

A description and analysis of the principal features of the American economic experience. The colonial relationship with England. The economics of slavery. The industrialization and urbanization of America. Attention also is given to the insight into contemporary problems that can be gained by an examination of our historical experience.

Pre-requisites: ECON 1020 or ECON 1040.

credit hours: 3

ECON 3450 Development of Economic Thought

Development of Economic Thought

An historical survey of the primary philosophical and analytical issues in the development of economic theory. Primary emphasis is given to the following schools of thought: the mercantilists, the physiocrats, the classicists, the Marxists, and the marginalists.

Pre-requisites: ECON 1010 or ECON 1030.

credit hours: 3

ECON 3500 Economics and Health Care Reform

Economics and Health Care Reform

This course will examine health care issues and reforms from an economic perspective. The course will give students an overview of the U.S. health care system and then discuss important problems associated with U.S. health care markets. Students will use theories and concepts from economics to understand these problems and then assess the impact of health reforms. Much attention will be focused on various provisions of the 2010 Patient Protection and Affordable Care Act (PPACA). Topics covered will include the expansion of private and public health insurance, the individual mandate, measures to control health care costs and spending, the regulation of the health insurance industry, the politics surrounding health care reform, and the impact of health care reform on the economy. Pre-requisite: ECON 1010 or instructor approval.

Pre-requisites: ECON 1010 or instructor approval.

credit hours: 3

ECON 3540 Development Economics

Development Economics

An analysis of the problems of generating economic growth in less developed countries.

Alternative strategies for promoting economic growth. The impact of the industrialized Western World on the economic development of poor countries.

Pre-requisites: ECON 1010 or ECON 1030.

credit hours: 3

ECON 3580 Labor and Population in Latin America

Labor and Population in Latin America

An examination of labor markets and demographic problems in Latin America. The course explores in depth dual labor markets, labor union activity in Latin America, migration and fertility change. Basic demographic methods to analyze migration and fertility are taught and the demographic experiences of selected Latin American countries reviewed.

Pre-requisites: ECON 1010 or ECON 1030.

credit hours: 3

ECON 3590 Economic Development of Latin America

Economic Development of Latin America

An introduction to economic issues that are of particular concern to Latin America. Emphasis is placed on understanding the position of Latin America within the world economy by studying measures of development and poverty, discussing theoretical models of structural economic change, and examining changes in international trading relations. As Economics 3590 is a survey course, it is best taken before ECON 4580 and ECON 4660.

Pre-requisites: ECON 1020 or ECON 1040.

credit hours: 3

ECON 3610 Games and Strategic Behavior

Games and Strategic Behavior

This course provides an introduction to game theory -- the formal study of strategic situations -- and its applications. The course will cover the basic analysis of simultaneous and sequential move games with perfect and imperfect information. This material will be followed by a number of applications which illustrate how the use of game theory can help us to improve our understanding of strategic behavior in economic, political, and social situations.-

Pre-requisites: ECON 1010 and MATH 1220 (Calculus) or MATH 1310 (Consolidated Calculus)

credit hours: 3

ECON 3810 Labor Economics

Labor Economics

A survey and economic analysis of some contemporary labor market issues. Topics include labor force participation and the economics of retirement, the supply and demand for labor, the demand for education and investment in human capital, unions and collective bargaining, the structure of compensation, occupational choice, job turnover and labor mobility, an introduction to theory of job search as well as various other theories of unemployment. The course focuses on theoretical and empirical aspects of labor economics and is only peripherally concerned with institutional, legal or management aspects.

Pre-requisites: ECON 1020 or ECON 1040.

credit hours: 3

ECON 3820 Economics of Education

Economics of Education

An examination of education from an economics viewpoint. Topics include school finance, school reform, factors that influence school outcome, efficient school size and the relationships between public and private schools.

Pre-requisites: ECON 1010 or ECON 1030.

credit hours: 3

ECON 3830 Economics of Gender

Economics of Gender

The goal of this course is to explore and understand the similarities and differences between men and women from economic perspectives. Based on economic theory and empirical analysis, this course examines how gender differences lead to different economic outcomes for the sexes and evaluates the effectiveness of government and corporate policies aimed to improved the welfare of women.

Pre-requisites: ECON 1010 and ECON 1030.

credit hours: 3

ECON 3880 Writing Practicum

Writing Practicum

Writing practicum. Fulfills the college writing requirement.

credit hours: 1

ECON 3890 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of the corequisite course.

credit hours: 0

ECON 3920 Independent Studies

Independent Studies

credit hours: 1-3

ECON 3970 Special Studies in Economics

Special Studies in Economics

credit hours: 3

ECON 3980 Special Studies in Economics

Special Studies in Economics

credit hours: 3

ECON 4010 Advanced Topics in Microeconomics

Advanced Topics in Microeconomics

Explores microeconomic issues, including multivariate optimization, fundamentals of general equilibrium theory and game theory, public goods and externalities. Students work with professional material, and learn to prove economic statements and to understand and report research results in economic theory. ECON 6010 is the master's-level equivalent, open to graduate students only.

Pre-requisites: ECON 3010, MATH 1210.

credit hours: 3

ECON 4220 Industrial Organization

Industrial Organization

An examination of the extent of competition and monopoly in different industries. The effects of different forms of governmental regulation and control upon industrial performance. Some empirical evidence pertaining to selected industries. ECON 6220 is the master's-level equivalent.
Pre-requisites: ECON 3010 or ECON 3030.

credit hours: 3

ECON 4230 Econometrics

Econometrics

Building on the statistical techniques learned in Economics 3230, the course concentrates on the principal methods used to correct violations of the basic assumptions of ordinary least squares. ECON 6230 is the master's-level equivalent.

Pre-requisites: ECON 3230 or MATH 3010, or MATH 1110 and MATH 1120.

credit hours: 3

ECON 4250 Decisions Under Uncertainty

Decisions Under Uncertainty

The theory and practice of decision-making under uncertain conditions. Applications and examples are drawn from the realm of personal, business, medical and environmental decision-making. ECON 6250 is the master's-level equivalent.

Pre-requisites: ECON 1010 or 1030, ECON 3010 or 3030, ECON 3230 or equivalent.

credit hours: 3

ECON 4300 Regulation

Regulation

Provides students with an overview of government regulation and the regulatory process, particularly those regulations focusing on health, safety and the environment. We will use theories and evidence from economics, law and policy to help students answer five questions relating to regulation: Why regulate? How are regulatory rules made? How are regulations enforced? How do we determine whether regulations are successful? What alternatives exist to regulation? Students will have an opportunity to apply what they have learned to a regulatory area of their own choosing. ECON 6300 is the master's-level equivalent.

Pre-requisites: ECON 3010.

credit hours: 3

ECON 4330 International Trading Relations

International Trading Relations

An examination of the principles of international trade and the international arrangements that have been established to guide international trade. Specific topics include comparative advantage, the effects of tariffs and quotas, and the substitution of the movement of goods for the movement of capital and labor. ECON 6330 is the master's level equivalent.

Pre-requisites: ECON 3010 or 3030.

credit hours: 3

ECON 4340 International Monetary Relations

International Monetary Relations

An examination of macroeconomic models and policy in the open economy. Topics include the Keynesian approach, purchasing power parity, the monetarist model of the balance of payments,

the Mundell-Flemming model, international interdependence and policy coordination, and the exchange rate determination.

Pre-requisites: ECON 3020.

credit hours: 3

ECON 4410 Topics in Mathematical Economics

Topics in Mathematical Economics

A mathematical approach to microeconomic theory with an emphasis on static and dynamic optimization. ECON 6410 is the master's-level equivalent.

Pre-requisites: ECON 3010 or 3030, MATH 1210 and 1220, or approval of instructor.

credit hours: 3

ECON 4500 Health Economics and Policy

Health Economics and Policy

Provides an overview of the field of health economics. Economic theories and tools will be used to study behavior and outcomes in health care markets. Institutional features of the U.S. health care system will be examined. General topics include the demand for health care, determinants and consequences of health, medical technology, the role of health insurance, the behavior of health providers, managed care, comparative health care systems and health policy and reforms. ECON 6500 is the master's-level equivalent.

Pre-requisites: ECON 3010 or ECON 3030.

credit hours: 3

ECON 4510 Advanced Topics in Macroeconomics

Advanced Topics in Macroeconomics

Structure and operation of macroeconomic system, covering both closed and open economies. ECON 6510 is the master's-level equivalent.

Pre-requisites: ECON 3020.

credit hours: 3

ECON 4520 Economics of Public Expenditures

Economics of Public Expenditures

An examination of the economic bases for and evaluation of government expenditure programs. Topics include the rationale for government intervention into the economy, difficulties involved in setting appropriate levels of government activity, and how particular programs should be evaluated and financed. ECON 6520 is the master's-level equivalent.

Pre-requisites: ECON 3010 or 3030.

credit hours: 3

ECON 4530 Economics of Taxation

Economics of Taxation

An analysis of major tax structures used in or proposed for the U.S. Economy. Each tax and the system as a whole will be judged according to the criteria of economic efficiency and tax equity. While emphasis will be national taxes, the local property tax will also be considered. Major alternatives to the present structure will be evaluated.

Pre-requisites: ECON 3010 or 3030.

credit hours: 3

ECON 4570 Internship Studies

Internship Studies

An experiential learning process. Open only to juniors and seniors in good standing.

Co-requisites: SRVC 4890.

credit hours: 1-3

ECON 4580 Labor and Population in Latin America

Labor and Population in Latin America

Writing Intensive. An analysis of the economic relation between labor markets, population movements, poverty, and human capital formation. Theoretical foundations are developed and applied in several Latin America contexts.

Pre-requisites: ECON 3010 or approval of instructor.

credit hours: 3

ECON 4600 Inequality and Poverty in Latin America

Inequality and Poverty in Latin America

Latin America is the region with the highest levels of income inequality and where inequality has been most persistent. Through comparative and in-depth country studies this course analyzes the dynamics of income inequality and poverty in the region focusing on the role of markets and the state. The course includes a review of quantitative methods to measure inequality and poverty and the theories and methods to analyze their determinants. Using a qualitative scorecard, students will learn to assess government efforts to reduce inequality and poverty. The course is largely non-technical and open to graduate and undergraduate students in the social sciences. ECON 6600 is the master's-level equivalent.

Pre-requisites: ECON 1010 and ECON 1020, or permission of instructor.

credit hours: 3

ECON 4610 Game Theory(3)

Game Theory(3)

An introduction to the use of game theory in diverse areas such as modern economic research, political science, sociology, and evolutionary processes. ECON 6610 is the master's-level equivalent, open to graduate students only.

Pre-requisites: ECON 3010 or 3030, MATH 1210 and 1220, or approval of instructor

credit hours: 3

ECON 4660 Seminar on Latin American Economies

Seminar on Latin American Economies

A complement to other courses in the Latin American economics sequence focusing on a particular country or sub-region. ECON 6660 is the master's-level equivalent.

Pre-requisites: ECON 3010 or 3030.

credit hours: 3

ECON 4670 Writing with Data

Writing with Data

To learn how large databases are employed to guide economic policy-making. Secondary objectives include developing an understanding of how economic theory is integrated with econometric techniques, basic statistical programming, and learning about a Latin American country. Students that successfully complete this course will have learned how to read analytical research papers that are based on large numerical database by writing such an original research paper themselves. They will also develop an elementary working knowledge of UNIX and SAS. ECON 6670 is the master's level equivalent.

Pre-requisites: ECON 3010; ECON 3230 is helpful, as is a working knowledge of Spanish or Portuguese.

credit hours: 3

ECON 4810 Economics of Slavery

Economics of Slavery

" Prerequisites: Econ 3010 and Econ 3230. An analysis and description of the economic history of slavery, with particular focus on the United States. Topics include the slave trade, profitability, the efficiency of slave labor, emancipation, slavery and economic growth, the treatment of slaves (diets, housing, and medical care) and demographic effects of slavery. "

Pre-requisites: Prerequisites: Econ 3010 and Econ 3230

credit hours: 3

ECON 4970 Special Studies in Economics

Special Studies in Economics

credit hours: 3

ECON 4980 Special Studies in Economics

Special Studies in Economics

credit hours: 3

ECON 6300 Regulation

Regulation

This course will provide students with an overview of government regulation and the regulatory process, particularly those regulations focusing on health, safety, and the environment. We will use theories and evidence from economics, law, and policy to help students answer five questions relating to regulation: Why regulate? How are regulatory rules made? How are regulations enforced? How do we determine whether regulations are successful? What alternatives exist to regulation? Students will have an opportunity to apply what they have learned to a regulatory area of their own choosing.

Pre-requisites: ECON 3010.

credit hours: 3

ECON 6600 Inequality and poverty in Latin America

Inequality and poverty in Latin America

Comparative analysis and in-depth country studies of inequality and poverty in Latin America. Topics include measures of inequality and poverty; causes and consequences of inequality and poverty; and, assessment of public policies and their effectiveness. The course is largely non-technical and open to graduate and undergraduate students in the social sciences.

Pre-requisites: ECON 1010, ECON 1020, or instructor's approval.

credit hours: 3

ECON 7160 Econometrics I

Econometrics I

credit hours: 3

ECON 7170 Econometrics II

Econometrics II

credit hours: 3

ECON 7510 Advanced Price Theory

Advanced Price Theory

credit hours: 3

ECON 7520 Advanced Price Theory II

Advanced Price Theory II

credit hours: 3

ECON 7530 Advanced Income and Employment Theory I

Advanced Income and Employment Theory I

credit hours: 3

ECON 7980 Independent Studies

Independent Studies

credit hours: 1-3

ECON 7990 Independent Studies

Independent Studies

credit hours: 1-3

ECON 9980 Master's Research

Master's Research

credit hours: 0

ECON 9990 Dissertation Research

Dissertation Research

credit hours: 0

ECON H4910 Independent Studies

Independent Studies

Open to outstanding juniors and seniors.

credit hours: 3

ECON H4920 Independent Studies

Independent Studies

Notes: Open to outstanding juniors and seniors.

credit hours: 3

ECON H4990 Honors Thesis

Honors Thesis

Credit is not given for H4990 until satisfactory completion of H5000.

Pre-requisites: Approval of department and Honors Committee.

credit hours: 3

ECON H5000 Honors Thesis

Honors Thesis

Credit is not given for H4990 until satisfactory completion of H5000.

Pre-requisites: Approval of department and Honors Committee.

credit hours: 3

ENGL 1010 Writing

Writing

ENGL1010 is a 4-credit hour course that satisfies the freshman writing requirement and must be taken in the fall or spring of the freshman year. It introduces students to the writing of academic arguments, including analytic reading and research techniques for a variety of disciplines in the humanities, sciences, and social sciences. Students with an AP credit score of 4 or 5 in English do not have to take ENGL 1010. Some entering students will be required to take CESL 1000 before taking ENGL 1010. Questions should be directed to the student advisor and the Director of Freshman Writing, Professor T.R. Johnson, in the Department of English.

credit hours: 4

ENGL 1011 Writing for Academic Purposes

Writing for Academic Purposes

ENGL1011 is a 4-credit hour course that satisfies the freshman writing requirement and must be taken in the fall or spring of the freshman year. It introduces students to the writing of academic arguments, including analytic reading and research techniques for a variety of disciplines in the humanities, sciences, and social sciences, including business. Some entering students will be required to take CESL 1000 before taking ENGL 1011. Focus on the goals and skills appropriate to international students and speakers of other languages. Questions should be directed to the student advisor and the Director of English for Academic and Professional Purposes, Robert Connor, in the Center for Global Education.

credit hours: 4

ENLS 1190 Freshman Writing Seminar

Freshman Writing Seminar

An introduction to the writing of academic arguments, including analytical reading and research techniques. Focus on the goals and skills appropriate to writing in a variety of disciplines in the humanities, sciences, and social sciences.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

credit hours: 3

ENLS 2000 Literary Investigations

Literary Investigations

An introduction to the analysis and interpretation of literary texts; the relevance of literature to individuals, communities, and nations; and the critical thinking, writing, and research skills used in literary study. Topics include critical approaches to interpretation; formal qualities of texts; historical, political, and social contexts; and relationships to other forms of expression. Each section investigates literature through specific issues, themes, or topics. 400-level courses assume familiarity with skills, methods, and terms of literary analysis covered in ENLS 200.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

credit hours: 3

ENLS 2010 Introduction to British Literature I

Introduction to British Literature I

An introduction to the history of British literature from the Anglo-Saxon and medieval periods through the 18th century. Emphasis on the development of genres, literary conventions, and the relations between historical conditions and literary production.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

credit hours: 3

ENLS 2020 Introduction to British Literature II

Introduction to British Literature II

An introduction to the history of British literature from the 19th century to the present. Emphasis on the development of genres, literary conventions, and the relations between historical conditions and literary production.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

credit hours: 3

ENLS 2030 Introduction to American Literature

Introduction to American Literature

An introduction to the history of American literature from the colonial period to the present. Emphasis on the development of genres, literary conventions, and the relations between historical conditions and literary production.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

credit hours: 3

ENLS 2100 Special Topics

Special Topics

Specific topics announced each semester, such as science fiction, literature and war, etc.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

credit hours: 3

ENLS 2110 Introduction to the Novel

Introduction to the Novel

A study of novels written in English representing the variety of fictional techniques and structures.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

credit hours: 3

ENLS 2120 Introduction to the Short Story

Introduction to the Short Story

A study of the short story as a genre. Some attention to theories of the short story and to the elements that distinguish it from other forms of narrative prose.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

credit hours: 3

ENLS 2130 Introduction to Drama

Introduction to Drama

A study of plays written in English representing the variety of dramatic types and forms.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

credit hours: 3

ENLS 2140 Introduction to Poetry

Introduction to Poetry

A study of poems, selected from the whole range of poetry in English representing the variety of poetic techniques and structures.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

credit hours: 3

ENLS 2150 Intro to Fiction: Race and Inclusion in the U.S.

Intro to Fiction: Race and Inclusion in the U.S.

A study of U.S. fiction, including short stories and novels with an emphasis on race and inclusion.

credit hours: 3

ENLS 2230 Introduction to Shakespeare

Introduction to Shakespeare

A study of plays in a variety of genres, including tragedy, history, comedy, and romance.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

credit hours: 3

ENLS 2630 Expository Writing

Expository Writing

A course in methods of written analysis.

credit hours: 4

ENLS 2730 Introduction to African-American Literature

Introduction to African-American Literature

The historical development of literary traditions of African-American writing from slave narratives through contemporary authors. Emphasis on a variety of oral and written genres.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

credit hours: 3

ENLS 2750 American Life in American Literature, 1620-1864

American Life in American Literature, 1620-1864

Notes: Equivalent: six credits of American literature approved by the American Studies Director.

credit hours: 3

ENLS 2760 American Life in American Literature, 1865-1940

American Life in American Literature, 1865-1940

A study of American literature (principally fiction) that emphasizes its reflection of the social, cultural, and intellectual characteristics of American life from the Civil War to the Second World War.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

credit hours: 3

ENLS 3300 Editing

Editing

credit hours: 3

ENLS 3610 Introduction to Creative Writing

Introduction to Creative Writing

A craft class in the writing of short fiction and poetry. Exercises to develop each student's personal voice. Group criticism of student work.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 3620 Workshop in Creative Writing

Workshop in Creative Writing

Intensive workshop in creative writing, usually with a visiting professor.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies. May be repeated for credit on different topics.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 3630 Advanced Expository Writing

Advanced Expository Writing

A course in written analysis on social and cultural concerns.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies. Fulfills the college intensive-writing requirement

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 3640 Screenwriting

Screenwriting

Expressive strategies and formal considerations relevant to writing for television and cinema. Workshop format requires sustained analysis of professional screenplays as well as student work.

Pre-requisites: ENLS 361 or 410.

credit hours: 3

ENLS 3650 Persuasive Writing

Persuasive Writing

Emphasis on principles of reasoning and strategies of written argument. This course satisfies the Louisiana State Department of Education's requirement of advanced composition for certification in English.

Notes: Fulfills the college intensive-writing requirement. Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 4

ENLS 3670 Technical Writing

Technical Writing

Communicating technical information in abstracts, executive summaries, technical memoranda, process descriptions, amplified technical definitions, progress reports, feasibility studies and proposals. Major emphasis given to research reports and editing procedures.

credit hours: 3

ENLS 3880 Writing Intensive Practicum

Writing Intensive Practicum

Notes: Fulfills the college intensive-writing requirement. Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

ENLS 3900 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of the three-credit co-requisite course.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4010 Literature and Environment

Literature and Environment

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4030 Literary New Orleans

Literary New Orleans

A study of literary works which are set in New Orleans or otherwise have connections with the city.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4060 The Teaching of Writing

The Teaching of Writing

This course prepares students to become teachers of writing by introducing them to fundamental theories and practices in the discipline of rhetoric and composition.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4080 Modern Literature

Modern Literature

Study of poets, novelists, and dramatists writing in English since 1900.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4090 Contemporary Literature

Contemporary Literature

British, American, and continental poetry, prose, and drama since 1945.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4100 Literature and Film

Literature and Film

Study of the relationship between written narratives, principally short stories and novels, and film, with special attention to the distinctive effects and limitations of each medium and to the problems that screenwriters and directors encounter in adapting a written work to a visual form. Consideration of theoretical literature on the problem of adaptation.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4110 Middle English Literature

Middle English Literature

Major works of Middle English literature 1100-1500, exclusive of Chaucer, from *The Owl and the Nightingale* through the works of Sir Thomas Malory. Readings in Middle English.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4120 Medieval Literature

Medieval Literature

Major works in Old and Middle English literature, as well as relevant continental literature. Readings in translation.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4130 Renaissance Literature

Renaissance Literature

British poetry, prose and drama of the 16th and early 17th centuries.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4140 17th-Century Literature

17th-Century Literature

British poetry, prose, and drama to 1660.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate

Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4150 Early Modern Drama

Early Modern Drama

Study of drama, one of the chief genres of the period, from late medieval to late 18th century.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4170 18th-Century Novel

18th-Century Novel

The novel from Defoe through Austen.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4190 Restoration and 18th-Century Literature

Restoration and 18th-Century Literature

British poetry, prose, and drama from 1660 through 1800.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4210 19th-Century Novel

19th-Century Novel

The major authors of the 19th-century British novel, including Austen, Scott, Dickens, Collins, Eliot, Thackeray, Hardy, and Conrad. The course emphasizes the invention and transformation of genres (domestic, Gothic, historical sensation, realist) in historical and cultural context.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4220 19th-Century Literature

19th-Century Literature

Emphasizes the dominant literary modes of the period, including cross-cultural and transnational relationships contributing to their development.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4230 Romantic Literature

Romantic Literature

Representative works of the period from the French Revolution to the ascension of Queen

Victoria by major authors such as Radcliffe, Blake, Paine, Austen, Wollstonecraft, Wordsworth, Coleridge, Edgeworth, Keats, Percy Shelley, Mary Wollstonecraft Shelley, Byron, and Scott in historical and cultural context.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4240 Victorian Studies

Victorian Studies

British poetry, prose, and drama from 1830-1914. Representative works treated in the historical and cultural context of the Victorian expansion of the British Empire and its aftermath.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4250 Modern British Literature

Modern British Literature

Twentieth-century British fiction, poetry, and drama.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4260 Modern Irish Literature

Modern Irish Literature

This course will concentrate for about half the semester on the poetry and plays of W.B. Yeats and the fiction of James Joyce. The remainder of the term will be devoted to the plays of J.M. Synge, Lady Gregory, and Sean O'Casey as well as one or two other writers, such as George Bernard Shaw, James Stephen, Samuel Beckett, or Seamus Heaney. Attention will be given not only to the works themselves but also to their cultural and historical contexts.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4300 African Literature

African Literature

A study of the literatures from Africa, primarily Anglophone, with some texts in translation included.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4310 American Literature to 1820

American Literature to 1820

Representative works from the colonial period to 1820.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4360 Antebellum American Literature

Antebellum American Literature

American literature of the mid-19th century.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4370 19th-Century American Literature

19th-Century American Literature

American literature of the 19th century.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4380 Asian American Literature

Asian American Literature

A study of Asian American literature from the late-19th century to the present. Pre-requisite: ENGL 1010

Pre-requisites: ENGL 1010

credit hours: 3

ENLS 4400 Modern American Literature

Modern American Literature

Representative works of the 20th century. May be repeated for credit with different content. (Pre-requisites: ENGL 1010)

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4410 Contemporary American Literature

Contemporary American Literature

Major tendencies in American poetry, fiction, and drama since 1945.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4420 Southern Literature

Southern Literature

A survey of Southern writers and their works from the period of exploration and settlement to the present.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate

Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4430 Caribbean Literature

Caribbean Literature

A study of the literatures from the Caribbean, primarily anglophone, although texts from other areas of the Caribbean may be studied in translation. The Caribbean will be explored as part of the Americas, and connections will be made with New Orleans in particular and the American South in general.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4440 Issues in African-American Literature

Issues in African-American Literature

Analysis of specific issues in relation to works by African-American writers, such as: questions of audience, the relation between literary production and its political context, the representation of relations between African-American men and women, the reception and influence of African-American works in American culture.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4450 Chaucer

Chaucer

A study of Chaucer's major works, with emphasis on *The Canterbury Tales*.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4460 Shakespeare I

Shakespeare I

Treatment of plays from different genres and in different historical, literary, and cultural contexts.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4470 Shakespeare II

Shakespeare II

Treatment of plays from different genres and in different historical, literary, and cultural contexts.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4480 Milton

Milton

A study of Milton's major works in poetry and prose.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requistites: English 101 or equivalent.

credit hours: 3

ENLS 4490 Earlier Major Authors

Earlier Major Authors

Study of one or two major authors of the period, such as Malory, Spenser, Pope, Fielding, and Austen.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies. May be repeated for credit with a different author.

Pre-requistites: English 101 or equivalent.

credit hours: 3

ENLS 4500 Later Major Authors

Later Major Authors

Study of one or two major authors of the period, such as Wordsworth, Dickens, Dickinson, Melville, Eliot, Yeats, Woolf, Faulkner, and Morrison.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies. May be repeated for credit with a different author.

Pre-requistites: English 101 or equivalent.

credit hours: 3

ENLS 4510 Later Major Authors

Later Major Authors

Study of one or two major authors of the period, such as Wordsworth, Dickens, Dickinson, Melville, Eliot, Yeats, Woolf, Faulkner, and Morrison. May be repeated for credit with a different author.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requistites: English 101 or equivalent.

credit hours: 3

ENLS 4570 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing. Registration is completed in the academic department sponsoring the internship.

Notes: A maximum of six credits may be earned in one or two courses. Only one internship may be completed per semester.

Pre-requistites: Approval of department.

credit hours: 1-3

ENLS 4610 Advanced Fiction Writing Workshop

Advanced Fiction Writing Workshop

A seminar focused on production and criticism of student work, including reading and analysis of

fictional models.

Notes: May be repeated for credit.

Pre-requisites: ENLS 361 or 362, and approval of instructor.

credit hours: 3

ENLS 4620 Advanced Poetry Writing Workshop

Advanced Poetry Writing Workshop

A seminar focused on production and criticism of student work, including reading and analysis of poetic models.

Notes: May be repeated for credit.

Pre-requisites: ENLS 361 or 362, and approval of instructor.

credit hours: 3

ENLS 4660 Topics in Advanced Creative Writing

Topics in Advanced Creative Writing

A workshop emphasizing the writing of creative nonfiction, biography, autobiography, screenplays, long poems, and novels. The class is designed to allow students to work in genres not emphasized in ENLS 461 Advanced Fiction Writing or ENLS 462 Advanced Poetry Writing.

Notes: May be repeated for credit on different topics.

Pre-requisites: Approval of instructor.

credit hours: 3

ENLS 4710 Introduction to Literary Theory

Introduction to Literary Theory

Investigation of assumptions and methods of selected ancient and modern critics. Some practical criticism to allow the students to become more aware of the implications of their own assumptions about literature and criticism.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4720 Feminist Literary Theory

Feminist Literary Theory

An examination of the major projects of feminist literary theory: uncovering or rediscovering women's literature; engaging in feminist re-readings of canonical texts; describing a feminist poetics. Attention to the history of feminist criticism.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4750 New Media Theory

New Media Theory

This course will explore the conceptual frameworks and theories that are essential to an understanding of modern media, a succession of new media including photography, film, and digital media.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4760 Topics in Literary Theory

Topics in Literary Theory

sustained study of topics such as representation, interpretation, intention, theories of language, and literary theory and philosophy. May be repeated for credit with different content. Pre-

requisites: ENGL 1010

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4810 Introduction to Cultural Criticism

Introduction to Cultural Criticism

Examination of the major concepts of culture from the late 19th century to the present as they relate to the analysis of cultural practices and literary texts. Specific emphasis on the interdisciplinary nature of cultural analysis, the relation between elite and popular cultures, dominant formations and the resistance to them, and intercultural encounters.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4820 Colonial and Post-Colonial Discourse

Colonial and Post-Colonial Discourse

Methods of analysis appropriate to the study of the literature produced by intercultural exchanges between Western and non-Western cultures. Specific emphasis on the Anglophone literature of the Caribbean, Africa, and India.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4830 Race, Class, and Gender

Race, Class, and Gender

Study of the textual representations of three forms of difference - race, class, and gender - and their intersections with issues of power and agency.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4840 Performance Studies

Performance Studies

Study of the various categories that encompass performance, such as dance, drama, ritual, festival, and parade, and of texts that embody, describe, or enact performances.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4850 Cultural Politics and Practice

Cultural Politics and Practice

Study of the intersections and negotiations between cultural production and political institutions.

Specific topics include literary representations of disease or poverty, and literature and the law.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4857 Literature and Technology

Literature and Technology

A study of the relationship between literature and technology. Topics may include writers' responses to technological change; science fiction; the relationship between literature and media technologies. Pre-requisite: ENGL 1010

Pre-requisites: ENGL 1010

credit hours: 3

ENLS 4860 Topics in Cultural Studies

Topics in Cultural Studies

Sustained study of topics such as nationality, popular culture, cultural institutions, and postmodernism. May be repeated for credit with different content.

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: English 101 or equivalent.

credit hours: 3

ENLS 4870 Global Literatures

Global Literatures

The Global Literatures course explores several major literary traditions as they come in contact with one another: the course typically includes Western, Arabic-Islamic, Chinese, and Latin American Literatures in historical and cultural context.

Pre-requisites: ENLS 2000.

credit hours: 3

ENLS 4910 Independent Studies

Independent Studies

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: Approval of instructor and chair of department.

credit hours: 1-3

ENLS 4920 Independent Studies

Independent Studies

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies.

Pre-requisites: Approval of instructor and chair of department.

credit hours: 3

ENLS 5010 Capstone Seminars

Capstone Seminars

Specific subjects are announced each semester.

Notes: Course enrollment limited to 15. Meets capstone requirement.

Pre-requisites: ENLS 200.

credit hours: 4

ENLS 5020 Seminars

Seminars

Specific subjects are announced each semester.

Notes: Course enrollment limited to 15.

Pre-requisites: ENLS 200.

credit hours: 3

ENLS 5110 Seminar in British Literature to 1800

Seminar in British Literature to 1800

Pre-requisites: ENLS 200.

credit hours: 3

ENLS 5310 Seminar in American Literature to 1820

Seminar in American Literature to 1820

Pre-requisites: ENLS 200.

credit hours: 3

ENLS 6020 Structure of the English Language

Structure of the English Language

credit hours: 3

ENLS 6050 History of the English Language

History of the English Language

credit hours: 3

ENLS 6070 Introduction to Old English

Introduction to Old English

credit hours: 3

ENLS 6080 Modern Literature

Modern Literature

credit hours: 3

ENLS 6090 Contemporary Literature

Contemporary Literature

credit hours: 3

ENLS 6100 Literature and Film

Literature and Film

credit hours: 3

ENLS 6120 Medieval Literature

Medieval Literature

credit hours: 3

ENLS 6130 Renaissance Literature

Renaissance Literature

credit hours: 3

ENLS 6170 18 Century Literature

18 Century Literature

credit hours: 3

ENLS 6190 Restoration and 18th Century Literature

Restoration and 18th Century Literature

credit hours: 3

ENLS 6210 19th Century Novel

19th Century Novel

credit hours: 3

ENLS 6220 19th Century Literature

19th Century Literature

credit hours: 3

ENLS 6230 Romantic Literature

Romantic Literature

credit hours: 3

ENLS 6240 Victorian Studies

Victorian Studies

credit hours: 3

ENLS 6250 Modern British Literature

Modern British Literature

credit hours: 3

ENLS 6310 American Literature

American Literature

credit hours: 3

ENLS 6360 American Renaissance

American Renaissance

credit hours: 3

ENLS 6370 19th Century American Literature

19th Century American Literature

credit hours: 3

ENLS 6400 Modern American Literature

Modern American Literature

credit hours: 3

ENLS 6410 Contemporary American Literature

Contemporary American Literature

credit hours: 3

ENLS 6420 Southern Literature

Southern Literature

credit hours: 3

ENLS 6440 African-American Literature

African-American Literature

credit hours: 3

ENLS 6450 Chaucer

Chaucer

credit hours: 3

ENLS 6460 Shakespear

Shakespear

credit hours: 3

ENLS 6470 Shakespear

Shakespear

credit hours: 3

ENLS 6480 Milton

Milton

credit hours: 3

ENLS 6490 Early Major Authors

Early Major Authors

credit hours: 3

ENLS 6500 Later Major Authors

Later Major Authors

credit hours: 3

ENLS 6510 Later Major Authors

Later Major Authors

credit hours: 3

ENLS 6620 Creative Writing

Creative Writing

credit hours: 3

ENLS 6710 Introduction to Literary Theory

Introduction to Literary Theory

credit hours: 3

ENLS 6720 Femminist Literary Theory

Femminist Literary Theory

credit hours: 3

ENLS 6760 Topics in Literary Theory

Topics in Literary Theory

credit hours: 3

ENLS 6810 Introduction to Cultural Criticism

Introduction to Cultural Criticism

credit hours: 3

ENLS 6820 Colonial and Post - Colonial Discourse

Colonial and Post - Colonial Discourse

credit hours: 3

ENLS 6830 Race, Class, and Gender

Race, Class, and Gender

credit hours: 3

ENLS 6840 Performance Studies

Performance Studies

credit hours: 3

ENLS 6850 Cultural Politics and Practice

Cultural Politics and Practice

credit hours: 3

ENLS 6860 Topics in Cultural Studies

Topics in Cultural Studies

credit hours: 3

ENLS 7050 Bibliography and Methods of Literary Research

Bibliography and Methods of Literary Research

credit hours: 3

ENLS 7150 Theories of Rhetoric and Composition

Theories of Rhetoric and Composition

credit hours: 3

ENLS 7250 Seminar in Medieval Literature

Seminar in Medieval Literature

credit hours: 3

ENLS 7260 Seminar in Medieval Literature

Seminar in Medieval Literature

credit hours: 3

ENLS 7270 Seminar in Medieval Literature

Seminar in Medieval Literature

credit hours: 3

ENLS 7280 Seminar in Medieval Literature

Seminar in Medieval Literature

credit hours: 3

ENLS 7350 Seminar in Renaissance Literature

Seminar in Renaissance Literature

credit hours: 3

ENLS 7360 Seminar in Renaissance Literature

Seminar in Renaissance Literature

credit hours: 3

ENLS 7370 Seminar in Renaissance Literature

Seminar in Renaissance Literature

credit hours: 3

ENLS 7380 Seminar in Renaissance Literature

Seminar in Renaissance Literature

credit hours: 3

ENLS 7450 Seminar in 18th Century Literature

Seminar in 18th Century Literature

credit hours: 3

ENLS 7460 Seminar In 18th-Century Literature

Seminar In 18th-Century Literature

credit hours: 3

ENLS 7470 Seminar In 18th-Century Literature

Seminar In 18th-Century Literature

credit hours: 3

ENLS 7480 Seminar In 18th-Century Literature

Seminar In 18th-Century Literature

credit hours: 3

ENLS 7550 Seminar in 19th-Century Literature

Seminar in 19th-Century Literature

credit hours: 3

ENLS 7560 Seminar in 19th-Century Literature

Seminar in 19th-Century Literature

credit hours: 3

ENLS 7570 Seminar in 19th-Century Literature

Seminar in 19th-Century Literature

credit hours: 3

ENLS 7580 Seminar in 19th-Century Literature

Seminar in 19th-Century Literature

credit hours: 3

ENLS 7750 Seminar in American Literature

Seminar in American Literature

credit hours: 3

ENLS 7760 Seminar in American Literature

Seminar in American Literature

credit hours: 3

ENLS 7770 Seminar in American Literature

Seminar in American Literature

credit hours: 3

ENLS 7780 Seminar in American Literature

Seminar in American Literature

credit hours: 3

ENLS 7990 Independent Studies

Independent Studies

credit hours: 3

ENLS 9980 Master's Research

Master's Research

credit hours: 0

ENLS 9990 Dissertation Research

Dissertation Research

credit hours: 0

ENLS H4990 Senior Honors Thesis

Senior Honors Thesis

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies. Meets capstone requirement.

Pre-requistites: Approval of department.

credit hours: 3

ENLS H5000 Senior Honors Thesis

Senior Honors Thesis

Notes: Exemption from the prerequisite may be requested from the Director of Undergraduate Studies. Meets capstone requirement.

Pre-requistites: Approval of department.

credit hours: 3

EVST 1010 Introduction to Environmental Studies

Introduction to Environmental Studies

credit hours: 3

EVST 1040 Global Environmental Change

Global Environmental Change

credit hours: 3

EVST 1120 Historical Geology

Historical Geology

credit hours: 3

EVST 1140 Historical Geology Lab

Historical Geology Lab

credit hours: 1

EVST 1890 Service Learning

Service Learning

credit hours: 0

[EVST 2010 Disease Ecology and Public Health](#)

Disease Ecology and Public Health

credit hours: 3

[EVST 2020 Evolution in Human Health and Disease](#)

Evolution in Human Health and Disease

credit hours: 3

[EVST 2030 Natural Disasters](#)

Natural Disasters

credit hours: 3

[EVST 2040 Natural Disasters](#)

Natural Disasters

An examination of the causes and effects of natural disasters, such as earthquakes, subsidence, coastal erosion, flooding, severe weather (including hurricanes), and meteorite impacts. Also includes a discussion of options available to mitigate disasters.

credit hours: 3

[EVST 2050 Global Change Biology](#)

Global Change Biology

credit hours: 3

[EVST 2060 Introductory Geography](#)

Introductory Geography

credit hours: 3

[EVST 2070 Weather and Climate](#)

Weather and Climate

credit hours: 3

[EVST 2080 Conservation of Biological Diversity](#)

Conservation of Biological Diversity

credit hours: 3

[EVST 2220 Energy Markets and Institutions](#)

Energy Markets and Institutions

credit hours: 3

[EVST 2500 Environmental Chemistry](#)

Environmental Chemistry

credit hours: 3

[EVST 2600 Environmental Sociology](#)

Environmental Sociology

credit hours: 3

[EVST 2610 Natural Resource Conservation: Theory and Practice](#)

Natural Resource Conservation: Theory and Practice

credit hours: 3

FMST 5110 Capstone

Capstone

This course will enable students to integrate knowledge about the specific nature of film as a medium and the history of theoretical debates that have shaped the study of film and of cinema. It will also provide students with an opportunity to apply the formal and theoretical knowledge gained from the two required courses for the major to consider new theoretical problems about cinema, revisions, and reassessments of earlier debates in film studies and related fields, questions of national cinema, and/or new developments in filmmaking.

Notes: This course, which carries 0 credit, is combined with a capstone designated course (3 credits) or a special topics course that is designated as a capstone (3 credits). Consult department for the list of approved courses.

credit hours: 0

FREN 1010 Elementary French I

Elementary French I

An introduction to the five skills of language acquisition: reading, writing, listening, speaking, and cultural understanding.

credit hours: 4

FREN 1020 Elementary French II

Elementary French II

A continuation of the objectives presented in French I.

Pre-requisites: FREN 1010.

credit hours: 4

FREN 2030 Intermediate French

Intermediate French

Intermediate French language with emphasis on reading, conversation, and composition.

Pre-requisites: FREN 1020 or admission by departmental placement.

credit hours: 4

FREN 3040 African and Caribbean Literature

African and Caribbean Literature

An introduction to African and Caribbean literature, cinema, and other forms of cultural production and an exploration of movements and concepts such as Négritude, Créolité, diaspora, and hybridity. Readings and discussion entirely in English.

Notes: A writing practicum is available for students who wish to fulfill the college intensive-writing requirement with this course.

credit hours: 3

FREN 3050 Literature in Exile

Literature in Exile

A presentation of recent works by writers born in the French-speaking former colonies of Africa and the Caribbean, but living and writing elsewhere (e.g., Paris, Montreal, Brooklyn). Some of the questions the course will endeavor to answer are: What happens to cultures when they are displaced? How does one conceive of home when in exile, and is it possible to return? Is rootlessness a source of creativity, or a detriment to it? Reading and discussions entirely in

English.

Notes: A writing practicum is available.

credit hours: 3

FREN 3060 Business French

Business French

Practical reading, writing, speaking, and listening comprehension skills at an advanced level will be developed toward use of French for business purposes. Emphasis will be placed on oral and written communication in simulated business situations. (Prerequisite: FREN 3150 Advanced French Grammar and Composition or equivalent)

Notes: Tier III Elective in SLAMM

Pre-requisites: FREN 3150

credit hours: 3

FREN 3110 French Cinema

French Cinema

French film from its origins in 1895 to the present. Early film, technology, and physiology: the Lumière, Marey, Méliès; classic French cinema: Renoir, Gance. The French New Wave: Resnais, Truffaut, Godard, and others. Avant-garde, surrealist, and science fiction films; postmodernity, film and video; women filmmakers and feminist film theory. Attendance at screening is required. Taught in English; films in French with English subtitles.

credit hours: 3

FREN 3140 French Phonetics

French Phonetics

The study of the sound system of French for improving pronunciation. Students learn the fundamental concepts of phonetics, phonemics, and contrastive analysis while also practicing French pronunciation and learning to convert French spelling into phonetic transcription using the International Phonetic Alphabet. Independent work in the language laboratory is an important component of the course.

Notes: Option for the major and minor in French.

Pre-requisites: FREN 2030 or equivalent.

credit hours: 3

FREN 3150 Advanced French Through Media I

Advanced French Through Media I

FREN 2030 may be taken concurrently. A thorough and comprehensive review of French grammar, including principles and distinctions not usually covered in lower and intermediate courses. Mastery of principles will be reinforced through oral and written class drill, frequent testing, and directed composition.

Notes: Required for the major and minor.

Pre-requisites: FREN 2030 or equivalent.

credit hours: 3

FREN 3170 Francophone Visual Cultures

Francophone Visual Cultures

Students will improve their listening comprehension of French, improve their oral performance, and gain familiarity with aspects of contemporary French society through the study of film, television, the news media, etc. Students will acquire an active knowledge of new vocabulary

and develop a greater sensitivity to the distinctions between various levels of language.

Notes: Required for the major.

Pre-requisites: FREN 3150 or equivalent.

credit hours: 3

FREN 3210 Introduction to Literary Analysis

Introduction to Literary Analysis

The course provides students with the requisite tools of literary interpretation and analysis. By reading closely a variety of literary texts drawn from different periods and genres, students will become familiar with the fundamentals of criticism and poetics.

Notes: Regular writing assignments are required. Required for the major and minor. A writing practicum is available. French majors may use it to fulfill the college intensive-writing requirement.

Pre-requisites: Completion of language requirement, FREN 3150, or departmental approval.

credit hours: 3

FREN 3250 French Society and Institutions

French Society and Institutions

An introduction to French society and the institutions that shaped it. Using periodization to define particular historical movements such as the Gallo-Roman period, the Middle Ages, the Renaissance, Enlightenment, revolutionary France, and the Third Republic, the course focuses on historical and architectural sites in Paris and the provinces to consider issues of French identity.

Notes: Required for the major.

Pre-requisites: Completion of the language requirement, FREN 3150, or approval of department.

credit hours: 3

FREN 3330 French Literature in Translation

French Literature in Translation

Subject varies with instructor. May treat a particular literary period, a genre, or a subject, e.g., fatal love in French literature.

Notes: A writing practicum is available for students who wish to fulfill the college intensive-writing requirement with this course. May be repeated for credit.

credit hours: 3

FREN 3880 Writing Practicum

Writing Practicum

Writing practicum in English or French.

Notes: Fulfills the college intensive-writing requirement for non-majors.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course at the 3000-level.

credit hours: 1

FREN 4010 The French Short Story

The French Short Story

Selected stories by some of the masters of the genre: Marie de France, Bonaventure des Periers, Charles Perrault, Voltaire, Guy de Maupassant, Albert Camus. The emphasis in this course will be placed on reading comprehension, vocabulary building, and development of oral and written proficiency as well as on the application of the analytic skills learned in French 3210.

Notes: A writing practicum is available. French majors may use it to fulfill the college intensive-writing requirement.

credit hours: 3

FREN 4080 French Around the World

French Around the World

A linguistic survey of the Francophone world, with particular focus on French outside of France. The course begins with a historical look at the spread of French within and beyond Europe, then examines in turn the major French-speaking populations of Europe, North America, the Caribbean, Africa, the Indian Ocean, Southeast Asia, and the Pacific. While linguistic variation in each region will be considered, the main emphasis will be on sociolinguistic issues such as bilingualism and language contact, language politics and planning, linguistic insecurity, and language in education. Option for the major and minor in French.

credit hours: 3

FREN 4100 French in Louisiana

French in Louisiana

An introduction to the French-related language varieties spoken in Louisiana: Cajun, Creole and Colonial French. Examines the history of their implantation and development in Louisiana, their basic structural features, and the main sociolinguistic issues surrounding their use. Attention will also be given to language planning measures currently being taken to revitalize the French language in the state.

Notes: A writing practicum is available. French majors may use it to fulfill the college intensive-writing requirement.

Pre-requisites: 3000-level or equivalent.

credit hours: 3

FREN 4110 Field Research on French in Louisiana

Field Research on French in Louisiana

Students will interview and record speakers of Cajun, Creole, and Colonial French in various parts of Louisiana. Working individually and in groups, they will then transcribe the recordings for purposes of linguistic description and analysis.

Notes: A writing practicum is available. French majors may use it to fulfill the college intensive writing requirement.

Pre-requisites: FREN 3140, 4100, and/or courses in linguistics are highly recommended.

credit hours: 3

FREN 4160 Translation Theory and Practice

Translation Theory and Practice

This course will provide students with the tools to translate a variety of types of texts (mostly literary, but also legal, journalistic, commercial, etc.) and to introduce them to translation theory as it relates to the problem of translating cultural difference and to the issues of originality, authorship, and the ownership of the text. Students will translate from French to English as well as from English to French. Course taught principally in English. Reading knowledge of French required.

Pre-requisites: 3000-level or equivalent.

credit hours: 3

FREN 4180 French Poetry

French Poetry

Develop literacy in poetic genres, historical movements, figurative language, and interpretation.

Notes: In French.

Pre-requisites: FREN 3210.

credit hours: 3

FREN 4210 History of the French Language

History of the French Language

This course traces the history of the development of the French language from Latin into francien of the 12th and 13th centuries. It also serves as an introduction to Old French (francien).

Pre-requisites: FREN 3150 with a final grade of B- or higher

credit hours: 3

FREN 4220 Medieval French Literature

Medieval French Literature

Readings in modern translation of such works as La Chanson de Roland, the lais of Marie de France, Chrétien de Troyes' Lancelot, Bérout's Tristan, Aucassin et Nicolette and the poetry of François Villon.

Notes: A writing practicum is available. French majors may use it to fulfill the college intensive-writing requirement.

Pre-requisites: 3000-level or equivalent.

credit hours: 3

FREN 4320 Renaissance Literature

Renaissance Literature

A survey of representative works of outstanding authors of the period: Marot, Rabelais, Ronsard, Du Bellay, Montaigne, and D'Aubigné. Both poetry and prose will be studied against the backdrop of the history and civilization of the Renaissance in France.

Notes: A writing practicum is available. French majors may use it to fulfill the college intensive-writing requirement.

Pre-requisites: 3000-level or equivalent.

credit hours: 3

FREN 4410 17th-Century French Literature

17th-Century French Literature

Currents of French Classicism, with particular emphasis on Moralists and aesthetics. Authors include Boileau, Descartes, Pascal, La Bruyere, La Fontaine, and La Rochefoucauld.

Notes: A writing practicum is available. French majors may use it to fulfill the college intensive writing requirement.

Pre-requisites: 3000-level or equivalent.

credit hours: 3

FREN 4420 17th-Century Drama

17th-Century Drama

Corneille, Molière, Racine. Utilizes videos of Comédie-Française performances. Development of critical sense through discussion.

Notes: A writing practicum is available. French majors may use it to fulfill the college intensive-writing requirement.

Pre-requisites: 3000-level or equivalent.

credit hours: 3

FREN 4520 18th-Century Literature

18th-Century Literature

An introduction to the Enlightenment through readings in the experimental genres developed in the 18th century. Authors include Marivaux, Prévost, Montesquieu, Rousseau, Voltaire, Diderot, and Beaumarchais.

Notes: A writing practicum is available. French majors may use it to fulfill the college intensive-writing requirement.

Pre-requisites: 3000-level or equivalent.

credit hours: 3

FREN 4560 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Registration is completed in the academic department sponsoring the internship on TUTOR.

Notes: A maximum of four credits may be earned in one or two courses for French internship.

Does not count toward the major or minor in French.

Pre-requisites: Approval of instructor and department.

credit hours: 1-3

FREN 4570 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Registration is completed in the academic department sponsoring the internship on TUTOR.

Notes: A maximum of four credits may be earned in one or two courses for French internship.

Does not count toward the major or minor in French.

Pre-requisites: Approval of instructor and department.

credit hours: 1-3

FREN 4620 Novel of the 19th Century

Novel of the 19th Century

Representative novels of such authors as Chateaubriand, Constant, Stael, Stendhal, Balzac, Sand, Hugo, Nerval, Flaubert, the Goncourts, Zola.

Notes: A writing practicum is available. French majors may use it to fulfill the college intensive writing requirement.

Pre-requisites: 3000-level or equivalent.

credit hours: 3

FREN 4720 20th-Century French Literature

20th-Century French Literature

An exploration of the prose and poetic inventions of the 20th century, read within the contexts of contemporary literary and art movements (modernisms surrealisms, formalisms), political and social history, and French post-structuralist theory.

Pre-requisites: 3000-level or equivalent.

credit hours: 3

FREN 4740 20th-Century Drama

20th-Century Drama

An exploration of French theater writing and practice from the turn-of-the-century avant-garde

through the new theater forms invented across the century, including the so-called Theater of the Absurd, film scenarios, and post-modern. Readings include works by Jarry, Artaud, Cocteau, Sartre, Ionesco, Beckett, Genet, Duras, and Cixous.

Notes: A writing practicum is available. French majors may use it to fulfill the college intensive-writing requirement.

Pre-requisites: 3000-level or equivalent.

credit hours: 3

FREN 4750 The Avant-Garde

The Avant-Garde

The history and theory of the avant-garde, from the movements of the early 20th century to today. We will explore the art, performances, poetics and manifestos of the so-called "historic" avant-gardes of a century ago, including the well-known antics of Dada (Zurich and Paris), Surrealist practices based first in Paris and eventually all over the world, Italian Futurism, visual arts and cinema (Cubism, etc.) and the London-based groups of writers working in Imagism and Vorticism.

Pre-requisites: French 3000-level.

credit hours: 3

FREN 4800 Survey of Francophone Literature

Survey of Francophone Literature

A lecture and discussion course on the historical and aesthetic evolution of the Francophone literature of Africa, the Maghreb, and the Caribbean. The creative works will be explored in the socio-political framework of colonization and decolonization as well as in terms of their own intrinsic qualities.

Notes: A writing practicum is available. French majors may use it to fulfill the college intensive-writing requirement.

Pre-requisites: 3000-level or equivalent.

credit hours: 3

FREN 4810 Special Topics

Special Topics

Note: A writing practicum is available. French majors may use it to fulfill the college intensive-writing requirement.

credit hours: 3

FREN 4820 Special Topics

Special Topics

Notes: A writing practicum is available. French majors may use it to fulfill the college intensive-writing requirement.

credit hours: 3

FREN 4840 Philosophy, Francophone Literature, and Politics: Imagination and Institutions

Philosophy, Francophone Literature, and Politics: Imagination and Institutions

This course examines the role of the imagination in the constitution and renewal of institutions as those modalities of institutions are represented in Francophone literature and in postcolonial politics. The course draws on literary, philosophical, and political texts.

Pre-requisites: 3000-level or equivalent.

credit hours: 3

FREN 4880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

FREN 4910 Independent Study for French Linguistics

Independent Study for French Linguistics

Subject varies with instructor. Principally reading and research.

credit hours: 3

FREN 4920 Independent Study for French Literature

Independent Study for French Literature

Subject varies with instructor. Principally reading and research.

credit hours: 3

FREN 5950 Capstone

Capstone

Content is consistently broad in scope and either thematic or generic in orientation, e.g., theme of the quest from the Middle Ages to the 20th century; the evolution of genre, i.e., the lyric poem, from its medieval beginnings to the present. Offered each fall. Required for the major.

Notes: A writing practicum is available. French majors may use it to fulfill the college intensive-writing requirement.

Pre-requisites: Senior standing.

credit hours: 3

FREN 6070 Survey of French Linguistics

Survey of French Linguistics

credit hours: 3

FREN 6085 Pidgins and Creoles

Pidgins and Creoles

An overview of the world's pidgin and creole languages and a survey of the theories of their origins.

Notes: Capstone in LING.

credit hours: 3

FREN 6110 Field Research on French in Louisiana

Field Research on French in Louisiana

See FREN 4110 for course description.

credit hours: 3

FREN 6150 Introduction to Critical Theory

Introduction to Critical Theory

Exploration of some of the principal linguistic, anthropological, psychoanalytic, philosophical, and sociological currents informing recent approaches of literature and culture.

credit hours: 3

FREN 6160 Translation Theory and Practice

Translation Theory and Practice

See FREN 4160 for course description.

credit hours: 3

FREN 6210 History of the French Language

History of the French Language

The development of Latin into French and subsequent evolution of the latter through the Old French period.

credit hours: 3

FREN 6220 Medieval French Literature

Medieval French Literature

See FREN 4220 for course description.

credit hours: 3

FREN 6320 Renaissance Prose

Renaissance Prose

See French 4320 for description.

credit hours: 3

FREN 6410 17th-Century Literature

17th-Century Literature

See FREN 4410 for description.

credit hours: 3

FREN 6520 18th-Century Literature

18th-Century Literature

See FREN 4520 for course description.

credit hours: 3

FREN 6720 20th-Century French Literature

20th-Century French Literature

See FREN 4720 for course description.

credit hours: 3

FREN 6740 20th-Century Drama

20th-Century Drama

credit hours: 3

FREN 6750 The Avant-Garde

The Avant-Garde

The history and theory of the avant-garde, from the movements of the early 20th century to today. We will explore the art, performances, poetics and manifestos of the so-called "historic" avant-gardes of a century ago, including the well-known antics of Dada (Zurich and Paris), Surrealist practices based first in Paris and eventually all over the world, Italian Futurism, visual arts and cinema (Cubism, etc.) and the London-based groups of writers working in Imagism and Vorticism.

Pre-requisites: French 3000-level.

credit hours: 3

FREN 6800 Survey of Francophone Literature

Survey of Francophone Literature

credit hours: 3

FREN 6810 Special Topics

Special Topics

Notes: A writing practicum is available. French majors may use it to fulfill the college intensive-writing requirement.

credit hours: 3

FREN 6820 Special Topics

Special Topics

Notes: A writing practicum is available. French majors may use it to fulfill the college intensive-writing requirement.

credit hours: 3

FREN 6860 Francophone Art, Literature, and Politics

Francophone Art, Literature, and Politics

This course examines the status of representation in three fields: art, literature, and politics. We will consider the relation of those three fields by reading selected essays of Adorno, Bourdieu, Bachelard, Foucault and Walter Benjamin as well as representative Francophone novels.

Pre-requisites: 4000-level or approval of instructor.

credit hours: 3

FREN 6910 Independent Study for French Linguistics

Independent Study for French Linguistics

Subject varies with instructor. Principally reading and research.

credit hours: 1-3

FREN 7370 16th-Century Studies

16th-Century Studies

credit hours: 3

FREN 7510 18th-Century Studies

18th-Century Studies

credit hours: 3

FREN 7670 19th-Century Literature

19th-Century Literature

credit hours: 3

FREN 7770 20th-Century Studies

20th-Century Studies

credit hours: 3

FREN 7800 Topics in Francophone Literature

Topics in Francophone Literature

credit hours: 3

FREN 9980 Master's Research

Master's Research

credit hours: 0

FREN 9990 Dissertation Research

Dissertation Research

credit hours: 0

FREN H1020 Elementary French II

Elementary French II

A continuation of the objectives presented in French I. Offered every spring semester. Open to students with B+ or better in French 1010.

credit hours: 3

FREN H2030 Intermediate French

Intermediate French

Intermediate French language with emphasis on reading, conversation, and composition.

Pre-requisites: FREN 1020 with B+ or better, or admission by departmental placement.

credit hours: 3

FREN H4910 Independent Studies

Independent Studies

Open to outstanding students provided approval of department is granted and an appropriate faculty director is available.

credit hours: 3

FREN H4920 Independent Studies

Independent Studies

Open to outstanding students provided approval of department is granted and an appropriate faculty director is available.

credit hours: 3

FREN H4990 Honors Thesis

Honors Thesis

Admission by departmental and Honors Committee approval.

credit hours: 3

FREN H5000 Honors Thesis

Honors Thesis

Admission by departmental and Honors Committee approval.

credit hours: 3

FREN 3160 Advanced French through Media II

Advanced French through Media II

This course is a continuation of the objectives set in FREN 3150: it is designed to reinforce communicative skills in French at the advanced level through exposure to authentic written, visual, and oral documents dealing with French and Francophone cultures. The course offers a thorough review of French grammar, vocabulary, and pronunciation, while further developing students' media analysis skills. Prerequisite: FREN 3150 or equivalent

Pre-requisites: Prerequisite: FREN 3150 or equivalent

credit hours: 3

FREN 4060 Professional French

Professional French

"FREN 4060-01 is an advanced course in professional French. It is designed for French majors or for students in the 5-year combined B.A. and M.A. program in French. Prerequisite: FREN-3150. Course cross-registered with this course: FREN-6060-01. To gain further professional experience, students at the 6000 level have the possibility to undertake an optional 60-hour, 3-credit internship (FREN-6560-01) with a local French or French-related company."

Pre-requisites: FREN 3150

credit hours: 3

FREN 6060 Professional French

Professional French

"FREN 4060-01 is an advanced course in professional French. It is designed for French majors or for students in the 5-year combined B.A. and M.A. program in French. Prerequisite: FREN-3150. Course cross-registered with this course: FREN-6060-01. To gain further professional experience, students at the 6000 level have the possibility to undertake an optional 60-hour, 3-credit internship (FREN-6560-01) with a local French or French-related company."

Pre-requisites: FREN 3150

credit hours: 3

GESS 1900 Sex, Power, and Culture

Sex, Power, and Culture

This course invites students to learn the skills necessary to identify, analyze, and ultimately transform the cultural, social, and political forces that shape and are shaped by sex and sexuality. Approaching sexuality as a system of norms, values, beliefs, and patterns of interaction, students will learn how sexuality intersects with gender, race, age, ethnicity, religion, ability, and other axes of power and privilege. Students will be introduced to the current body of empirical data and theory to identify how these intersecting systems of power take shape in patterns of human interaction such as forming relationships, dating rituals and sexual scripts, and interpersonal conflict and violence. In sum, students will develop the skills to 1) analyze how their own interpersonal and intimate relationships are embedded within and constitutive of broader systems of power and 2) how to work individually and collectively to change them.

credit hours: 3

GESS 2190 Special Topics in Gender and Sexuality Studies

Special Topics in Gender and Sexuality Studies

Covers topics pertaining to the study of gender and/or sexuality

credit hours: 3

GESS 2900 Introduction to Gender and Sexuality Studies

Introduction to Gender and Sexuality Studies

This course is an interdisciplinary introduction to gender and sexuality studies. Its primary focus is critical perspectives on the social construction of gender and sexuality, inequalities on the basis of gender and sexuality, activism around issues of gender and sexuality, and how gender and sexuality shape and are shaped by other systems of inequality such as race, ethnicity, class, religion, nation, region, and age.

credit hours: 3

GESS 3500 Identity, Difference, and Social Inequality

Identity, Difference, and Social Inequality

This course is an interdisciplinary exploration of how gender and sexuality are implicated in, mediate, or are mediated by the social and cultural construction of racial and ethnic identities and cultures, the formation of economic structures and class cultures, and race, ethnic, and class inequalities. This course offers a service learning component.

Pre-requisites: GESS 290

credit hours: 3

[GESS 3800 Writing Practicum](#)

Writing Practicum

Fulfills the college intensive-writing requirement. Students will write one or more papers exploring major topics in feminist theory.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course

credit hours: 3

[GESS 3890 Service Learning](#)

Service Learning

Students complete a service activity in the community in conjunction with the content of a three-credit core course.

Pre-requisites: Departmental approval.

credit hours: 0

[GESS 4500 Gender and Archives](#)

Gender and Archives

This course focuses on developing knowledge of major theories of archives, on fostering research skills by engaging with materials, and on involving students in archival work that will allow questions about gender. Exploring theories and practices of archives, the course takes students through the history of archives, with special attention to women as keeping, and represented in, scholarly collections.

Notes: The course offers a service learning project.

Pre-requisites: GESS 2900 and GESS 3500.

credit hours: 3

[GESS 4700 Sexuality in US History](#)

Sexuality in US History

In this course we will examine the ways in which sex, gender and sexuality have been fundamentally reorganized since the 18th century. Focusing primarily on the formation and development of the United States, this seminar aims to deepen your understanding of the distinctive constructions of sexuality in various historical, political, and cultural contexts, how those constructions have transformed over time, and what factors account for those changes. All of our critical inquiries will attend to the ways in which race, class, gender, religion, market cultures, and governments intersect with the history of sexuality.

Notes: Writing Practica Option.

credit hours: 3

[GESS 4910 Independent Study](#)

Independent Study

Qualified students may arrange for independent study with an instructor to pursue a project of

interest to the student. Ordinarily, independent study earns three credits. Requirements will vary depending on the project but will involve some combination of readings, oral reports, and written work. A maximum of four credits of independent studies may be applied toward the major in Gender and Sexuality Studies and three credits toward the minor.

Pre-requisites: Approval of instructor and program director; open to upper-level majors and minors.

credit hours: 1-3

GESS 4920 Independent Study

Independent Study

Qualified students may arrange for independent study with an instructor to pursue a project of interest to the student. Ordinarily, independent study earns three credits. Requirements will vary depending on the project but will involve some combination of readings, oral reports, and written work. A maximum of four credits of independent studies may be applied toward the major in Gender and Sexuality Studies and three credits toward the minor.

credit hours: 1-3

GESS 4930 Special Topics in Gender and Sexuality Studies

Special Topics in Gender and Sexuality Studies

An in-depth examination of a particular topic relevant to gender and sexuality studies. Topics for discussion focus on a theme or question that is best understood within an interdisciplinary framework.

credit hours: 3

GESS 4940 Gender & Sexuality Theory I

Gender & Sexuality Theory I

This course is the first in a sequence of two courses (see GESS 4/6950) on feminist and queer theory. The primary goals of this course are 1) to provide an introduction to early feminist theories of patriarchy, women's oppression, and gender inequality, 2) map the emergence of subsequent theories of the social construction of gender and gender difference including the sources, causes, and effects of gender inequality and strategies for reducing or eradicating inequality, and 3) identify how intersectional, postmodern, and queer thinkers enter into dialogue with and critique early feminist theorizing.

Pre-requisites: GESS 2900, GESS 3500

credit hours: 3

GESS 4950 Gender & Sexuality Theory II

Gender & Sexuality Theory II

This course is the second in a sequence of two courses on feminist and queer theory. The primary goals of this course are 1) to map the expansion of feminist and queer theory in recent decades, 2) critically engage with theories of gender, sexuality, race, and class to gain understanding of inequality and social change.

Pre-requisites: GESS 2900, GESS 3500, GESS 4940

credit hours: 3

GESS H4990 Honors Thesis

Honors Thesis

Open to senior honors candidates and other qualified senior majors with approval of instructor

and program director. Intensive interdisciplinary reading and research in the area of gender and/or sexuality studies.

credit hours: 3

GESS H5000 Honors Thesis

Honors Thesis

Open to senior honors candidates and other qualified senior majors with approval of instructor and program director. Intensive interdisciplinary reading and research in the area of gender and/or sexuality studies.

credit hours: 3

GERM 1010 Elementary German I

Elementary German I

Development of basic language skills (listening, reading, speaking, and writing) with particular emphasis on the active use of present-day German. Cultural exploration of the German-speaking countries.

Pre-requisites: Placement; for students with little or no previous knowledge of German.

credit hours: 4

GERM 1020 Elementary German II

Elementary German II

Continuation of GERM 101. Continues the development of basic language skills (listening, reading, speaking, and writing) with particular emphasis on the active use of present-day German. Further exploration of the German-speaking countries.

Pre-requisites: GERM 1010 or placement; for students who have completed GERM 1010 at Tulane or equivalent.

credit hours: 4

GERM 1120 Intensive Elementary German

Intensive Elementary German

In place of GERM 1010 and GERM 1020. Accelerated development of basic language skills (listening, reading, speaking, and writing) with particular emphasis on the active use of present-day German. Cultural exploration of the German-speaking countries.

Pre-requisites: Placement.

credit hours: 3

GERM 2030 Intermediate German

Intermediate German

Continues to develop proficiency in the four language skills (listening, reading, speaking, and writing) at the intermediate level. Further introduces students to contemporary German culture.

Pre-requisites: GERM 1020, 1120, or placement.

credit hours: 4

GERM 3050 Intermediate Grammar and Composition

Intermediate Grammar and Composition

Course combines language acquisition with content-based instruction for varying topics. With respect to language learning, the course aims at reinforcing and expanding students' proficiency primarily in writing. In this endeavor, the course offers a thorough and comprehensive review of German grammar at the advanced level, including principles and distinctions not usually covered in lower and intermediate courses. Class activities will include discussions, oral reports, and

directed compositions.

Pre-requisites: GERM 2030 or equivalent.

credit hours: 3

GERM 3160 Readings in German Literature

Readings in German Literature

Conducted in German. Reading of representative works of German prose, drama, and poetry. Designed to introduce the student to fundamentals of literary analysis and to strategies for enhanced reading comprehension. Significant emphasis on the continued development of linguistic skills.

Pre-requisites: GERM 3050 or equivalent.

credit hours: 3

GERM 3250 German Language and Culture I

German Language and Culture I

Conducted in German. Survey of German history from its beginning through the Age of Enlightenment, with emphasis on cultural and social aspects unique to Germany. Significant emphasis on the continued development of linguistic skills.

Pre-requisites: GERM 3050 or equivalent.

credit hours: 3

GERM 3260 German Language and Culture II

German Language and Culture II

Conducted in German. Survey of German history from the end of the 18th century to the present including a discussion of institutions and problems of contemporary German life and civilization. Significant emphasis on the continued development of linguistic skills.

Pre-requisites: GERM 3050 or equivalent.

credit hours: 3

GERM 3270 : From Reich to Republic: German Literature and Culture 1871 to Present

: From Reich to Republic: German Literature and Culture 1871 to Present

This course traces significant events and developments in Germany from its beginning as a nation to its reunification at the end of the Cold War. Through close examination and discussion of selected literary, documentary, and filmic texts against the backdrop of changing political and socio-cultural environments, students will gain a full picture of German culture in the 20th century. Active class discussions and frequent writing assignments aim to improve students' speaking and writing skills, as well as to introduce them to literary and cultural analysis. All coursework and discussion in German.

Pre-requisites: GERM 3050 or permission of the instructor.

credit hours: 3

GERM 3310 German for Reading Knowledge

German for Reading Knowledge

Teaches students to read expository German prose on the basis of rapid study of basic verbal and nominal morphological patterns. No prior knowledge of the language is necessary. Open to undergraduates in all disciplines. Fulfills humanities requirement but not the undergraduate foreign language requirement. Graduate students are also welcome, but course does not grant graduate credit; it will however, prepare graduates to demonstrate proficiency.

credit hours: 3

GERM 3360 Translation: Theory and Practice of an Impossible Art

Translation: Theory and Practice of an Impossible Art

Proficiency in German required. Course introduces students to both practical and theoretical problems posed by translation in general and by English-German translation in particular. This class will learn by practicing translation and by reading theoretical texts about translation. Texts will include literature, news reports, and film subtitles.

Pre-requisites: Approval of instructor.

credit hours: 3

GERM 3440 Representing the Holocaust: Literary and Filmic Depictions of the Undepictable

Representing the Holocaust: Literary and Filmic Depictions of the Undepictable

This course examines the Holocaust from various perspectives, disciplines, and media (including history, literature, and film) to investigate the conditions and limitations of representations of the Holocaust.

Notes: May be counted toward a major or a minor in German only with departmental approval and provided all reading is done in German.

credit hours: 3

GERM 3510 German Culture and Civilization

German Culture and Civilization

The emergence of art, music, and philosophy of the German-speaking peoples, primarily as reflected in their national literatures.

Notes: May be counted toward a major or a minor in German only with departmental approval and provided all reading is done in German.

credit hours: 3

GERM 3530 Rehearsing the Revolution in Germany

Rehearsing the Revolution in Germany

The course examines major turning points in German history. How have German writers represented political revolutions and social upheavals from the French Revolution, the weavers' revolt of 1844, to the peaceful revolution of 1989? Conversely, to what extent has literature, especially drama, had an impact on revolutionary events? Authors and theorists considered include such classics as Goethe, Schiller, Kleist, Büchner, Marx, Hannah Arendt, Brecht, Müller, and Weiss. Films by Riefenstahl, Fassbinder, and Becker.

Notes: May be counted toward a major or a minor in German only with departmental approval and provided all reading is done in German.

credit hours: 3

GERM 3540 Marx, Nietzsche, and Freud

Marx, Nietzsche, and Freud

Course introduces three philosophical revolutionaries who have exerted enormous influence on literature, philosophy, psychology, and politics. With its intellectual-historical approach, the course will examine key terms and analytical models in these thinkers as well as the intersection points among them.

Notes: May be counted toward a major or a minor in German only with departmental approval and provided all reading is done in German.

credit hours: 3

GERM 3550 German Literature in Translation

German Literature in Translation

Subject varies and is announced each semester. Typically a study of literary movements, genres, individual authors, or themes, e.g., the treatment of the Faust theme in German literature.

Notes: May be repeated for credit. May be counted toward a major or a minor in German only with departmental approval and provided all reading is done in German.

credit hours: 3

GERM 3560 The Devil's Pact in Literature, Film, Music

The Devil's Pact in Literature, Film, Music

credit hours: 3

GERM 3660 Love, Death and Sexuality from the Middle Ages to the Baroque

Love, Death and Sexuality from the Middle Ages to the Baroque

The focus of this course will be the representation of love, death and sexuality in German culture from the Middle Ages to the Thirty Years War. Selected works of literature, music and art will be examined (e.g. 'Tristan,' 'Parzival,' Faustus, works by Dürer, Holbein). Topics to be addressed include mysticism, Reformation and Counter Reformation; economic expansion; cartography; witchcraft and nationalism.

credit hours: 3

GERM 3670 Grimm Reckonings: The Development of the German Fairy Tale

Grimm Reckonings: The Development of the German Fairy Tale

This course will examine the Brothers Grimm and the classic fairy tales: their origins, development and later adaptations (and will include tales from other cultures and traditions as well). Questions to be discussed include: the relationship between author and audience; the construction of childhood; theories of education; oral culture vs. print culture; the development of national identity through folklore.

credit hours: 3

GERM 3710 Deviants, Nazis, and Radicals. An Introduction to German Film

Deviants, Nazis, and Radicals. An Introduction to German Film

This course explores the trajectory of German film from its Expressionist beginnings to the present. How do the narratives presented aid in understanding the specific historical, social, cultural, and political moments in which they were produced? How are the technical aspects of film used to present given themes? We will begin with an examination of Weimar cinema, focusing on the films as windows into the artistic and social realities of Germany in the 1910s and 20s, before moving to an analysis of Nazi propaganda film. We will then turn to post-war German film. How do filmmakers respond to the need to come to terms with Germany's history? We will analyze films focusing on diverse themes, including guilt and culpability, depictions of the Holocaust, and the individual in a modernized, divided Germany. Subsequently, we will examine responses to unification, in particular representations of East Germany. In our final unit, we will look at contemporary films, in which individuals rebel against dominant cultural and social imperatives.

credit hours: 3

GERM 3720 From Caligari to the Coen Brothers: Weimar Cinema To Film Noir

From Caligari to the Coen Brothers: Weimar Cinema To Film Noir

This course traces the development of the filmic production of Weimar Germany, as well as its

influence on classic and contemporary Hollywood film noir. Analyzing significant films from the era, we trace the stylistic, generic, and thematic trends that emerge in the pivotal years between the World Wars. How do these films come to terms with the radically new and different social circumstances of post-WWI Germany? How do they push the bounds of technical limitations and draw on the still-young media? And how do they influence, what is their relationship to classic Hollywood film noir, a genre that many German émigré filmmakers drew on in their American work? How does film noir in its original and its contemporary incarnations challenge or put to use the characteristic generic conventions that seem so indebted to Weimar cinema? Note: No knowledge of German required. Students in the German program may take this course with a German component.

credit hours: 3

GERM 3730 Nazi Cinema and Nazis in Cinema: Fascist Imaginary, Imagined Fascists

Nazi Cinema and Nazis in Cinema: Fascist Imaginary, Imagined Fascists

credit hours: 3

GERM 4100 Literary Analysis

Literary Analysis

This course aims at stimulating both, the pleasure of reading and the critique of the text. In order to enable students to read critically, the course introduces basic terms, tools, and techniques of literary analysis. In this endeavor, it draws on various readings from different authors, periods, and genres.

Pre-requisites: GERM 3050 or GERM 3160.

credit hours: 3

GERM 4410 German Novella

German Novella

Study of Novellas by Goethe, Kleist, Arnim, E.T.A. Hoffmann, Gotthelf, Droste-Hülshoff, Keller, Storm, Hauptmann, Hofmannsthal, Zweig, and Th. Mann, illustrating the historical development of the German Novella as a literary form.

Pre-requisites: GERM 3050, 3160, or equivalent.

credit hours: 3

GERM 4430 German Drama

German Drama

A study of the German dramatic tradition through close analysis of representative plays by such writers as Lessing, Schiller, Goethe, Kleist, Hebbel, Grillparzer, and Büchner.

Pre-requisites: GERM 3050, 3160, or equivalent.

credit hours: 3

GERM 4710 Special Topics

Special Topics

For description, consult department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

GERM 4720 Special Topics

Special Topics

For description, consult department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

GERM 4800 Advanced Undergraduate Seminar

Advanced Undergraduate Seminar

Topics vary from year to year. Typically an intensive study of an individual writer, a limited genre, a literary movement or a thematic problem. The Experience of War; Germany's Roaring 1920s; German Culture after WW II; Youth and the German Nation; Post-1989 Literary and Visual Culture; Travels to Foreign Lands; Early Modern Maps and Images.

Notes: May be repeated for credit provided the topic is different.

Pre-requisites: Approval of instructor.

credit hours: 3

GERM 6800 Advanced Undergraduate Seminar

Advanced Undergraduate Seminar

See GERM 4800 for description.

credit hours: 3

GERM 6910 Independent Studies

Independent Studies

Open to superior students with the approval of the department.

credit hours: 3

GERM 6920 Independent Studies

Independent Studies

Open to superior students with the approval of the department.

credit hours: 3

GERM H4910 Independent Studies

Independent Studies

Open to superior students with the approval of the department.

credit hours: 3

GERM H4920 Independent Studies

Independent Studies

Open to superior students with the approval of the department.

credit hours: 3

GERM H4990 Honors Thesis

Honors Thesis

Approval of department and Honors Committee required.

credit hours: 3

GERM H5000 Honors Thesis

Honors Thesis

Approval of department and Honors Committee required.

credit hours: 3

RUSS 4811 Special Topics

Special Topics

See Schedule of Classes for specific topic. May be repeated for credit under different topic up to

3 times.

credit hours: 3

RUSS 4812 Special Topics

Special Topics

See Schedule of Classes for specific topic. May be repeated for credit under different topic up to 3 times.

credit hours: 3

GREK 1010 Elementary Greek

Elementary Greek

Reading in the language is combined throughout with study of vocabulary, morphology, and syntax.

credit hours: 4

GREK 1020 Intermediate Greek

Intermediate Greek

Reading of Greek texts combined with study of vocabulary, morphology, and syntax.

Pre-requisites: GREK 1010 or equivalent.

credit hours: 4

GREK 2030 Attic Prose

Attic Prose

Practice in Greek prose composition.

Pre-requisites: GREK 1020 or equivalent. Readings in Plato's Socratic dialogues.

credit hours: 4

GREK 3070 Select Authors

Select Authors

Pre-requisites: GREK 2030 or equivalent.

credit hours: 3

GREK 3910 Independent Study

Independent Study

Students wishing to maintain and improve their skill in reading Greek may enroll in a reading course for one, two, or three credits. The reading will sometimes be part or all (depending on the amount of credit sought) of the assigned reading in an existing 3000-level course. Independent study in Greek is open to superior students provided that departmental approval is given and an appropriate faculty director is available.

credit hours: 3

GREK 3920 Independent Study

Independent Study

Students wishing to maintain and improve their skill in reading Greek may enroll in a reading course for one, two, or three credits. The reading will sometimes be part or all (depending on the amount of credit sought) of the assigned reading in an existing 3000-level course. Independent study in Greek is open to superior students provided that departmental approval is given and an appropriate faculty director is available.

credit hours: 3

GREK 4030 Tragedy

Tragedy

Several tragedies of Aeschylus, Sophocles, or Euripides are read, the selection depending on the desires and needs of the students enrolled.

credit hours: 3

GREK 4040 Greek Comedy

Greek Comedy

Comedy of the fifth century B.C.E., known as Old Comedy, focused on political issues, while Greek comedy of the fourth century B.C.E., known as New Comedy, focused on domestic entanglements. Eleven plays of Aristophanes survive from Old Comedy, and large fragments of seven plays by Menander survive from New Comedy. Several comedies of Aristophanes and selected fragments of Menander will be read in this course.

credit hours: 3

GREK 4050 Plato

Plato

Readings from dialogues of Plato's middle and late periods.

credit hours: 3

GREK 4060 Greek Historians

Greek Historians

Extensive selections from Herodotus or Thucydides with lectures on sources for the modern history of ancient Greece.

credit hours: 3

GREK 4070 Greek Lyric Poetry

Greek Lyric Poetry

This course deals with early iambic, elegiac, and lyric poetry or with the poetry of Pindar.

credit hours: 3

GREK 4080 Greek Orators

Greek Orators

Greek orators of the fifth and fourth centuries B.C.E. wrote speeches for the law courts, for political assemblies, and for display. Readings for this course will be selected from the speeches of Gorgias, Antiphon, Andocides, Lysias, Isokrates, Demosthenes, and Aischines.

credit hours: 3

GREK 4090 Greek Epic Poetry

Greek Epic Poetry

Any Greek epic poetry may be studied in this course, but it usually deals with Homer or Hesiod.

credit hours: 3

GREK 4110 Special Authors

Special Authors

credit hours: 3

GREK 4880 Writing Practicum

Writing Practicum

Notes: Fulfills the school intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 3

GREK 4910 Independent Study

Independent Study

Students wishing to maintain and improve their skill in reading Greek may enroll in a reading course for one, two, or three credits. The reading will sometimes be part or all (depending on the amount of credit sought) of the assigned reading in an existing 4000-level course. Independent study in Greek is open to superior students provided that departmental approval is given and an appropriate faculty director is available.

credit hours: 3

GREK 4920 Independent Study

Independent Study

Students wishing to maintain and improve their skill in reading Greek may enroll in a reading course for one, two, or three credits. The reading will sometimes be part or all (depending on the amount of credit sought) of the assigned reading in an existing 4000-level course. Independent study in Greek is open to superior students provided that departmental approval is given and an appropriate faculty director is available.

credit hours: 3

GREK 6030 Tragedy

Tragedy

Several tragedies of Aeschylus, Sophocles, or Euripides are read, the selection depending on the desires and needs of the students enrolled.

credit hours: 3

GREK 6040 Greek Comedy

Greek Comedy

Notes: See GREK 4040 for description.

credit hours: 3

GREK 6050 Plato

Plato

Readings from dialogues of Plato's middle and late periods.

credit hours: 3

GREK 6060 Greek Historians

Greek Historians

Extensive selections from Herodotus or Thucydides with lectures on sources for the modern history of ancient Greece.

credit hours: 3

GREK 6070 Greek Lyric Poetry

Greek Lyric Poetry

This course deals with early iambic, elegiac, and lyric poetry or with the poetry of Pindar.

credit hours: 3

GREK 6080 Greek Orators

Greek Orators

Greek orators of the fifth and fourth centuries B.C.E. wrote speeches for the law courts, for political assemblies, and for display. Readings for this course will be selected from the speeches of Gorgias, Antiphon, Andocides, Lysias, Isokrates, Demosthenes, and Aischines.

credit hours: 3

GREK 6090 Greek Epic Poetry

Greek Epic Poetry

Notes: See GREK 4090 for description.

credit hours: 3

GREK 6110 Special Authors

Special Authors

credit hours: 3

GREK 6910 Independent Study

Independent Study

Students wishing to maintain and improve their skill in reading Greek may enroll in a reading course for one, two, or three credits. The reading will sometimes be part or all (depending on the amount of credit sought) of the assigned reading in an existing 4000-level course. Independent study in Greek is open to superior students provided that departmental approval is given and an appropriate faculty director is available.

credit hours: 3

GREK H4990 Honors Thesis

Honors Thesis

Notes: Admission by approval of department and the Honors Committee.

credit hours: 3

GREK H5000 Honors Thesis

Honors Thesis

Notes: Admission by approval of department and the Honors Committee.

credit hours: 3

HACR 1010 Elementary Haitian Creole I

Elementary Haitian Creole I

Designed for students with little or no knowledge of Haitian Creole, this class introduces students to the language and the culture of the creole speech community of the francophone Caribbean region, with emphasis on the Haitian speech community. Students will acquire competencies in Haitian Creole that prepare them for more advanced studies in Haitian language and culture. The course emphasizes the development of multiple language skills (listening, speaking, reading, writing, as well as interacting).

Notes: Counts toward the comparative cultures and international perspectives requirement. Counts toward the foreign language proficiency requirement.

credit hours: 4

HACR 1020 Elementary Haitian Creole II

Elementary Haitian Creole II

This class is intended for students who have taken HACR 1010 (Elementary Haitian Creole I) or who have already acquired competencies in Haitian Creole (e.g. high school, junior college, or

exposure to Creole at home or abroad). Students will be exposed to more complex linguistic forms and longer texts. They will develop skills to participate in conversation related to real events in Haiti, and they will improve their ability to work on longer writing assignments. Communicative contexts and grammatical guides are introduced in class through a variety of activities, and acquisition is reinforced by interactive use of new structures and vocabulary. *Notes:* Counts toward the comparative cultures and international perspectives requirement. Counts toward the foreign language proficiency requirement.
credit hours: 4

HACR 2030 Intermediate Haitian Creole

Intermediate Haitian Creole

This class is designed for students who have already taken two semesters of Haitian Creole or who have been exposed to the language. The main objective is to develop ease, fluidity, and efficiency in oral and written expression. Emphasis is put on reading, writing, listening, speaking, and interacting. The class will provide a broad introduction to Haitian culture and literature through the study of excerpts from novels, poems, and songs. We will review and deepen selected grammatical structures in close coordination with topics and activities taught in class. *Notes:* Counts toward the comparative cultures and international perspectives requirement. Counts toward the foreign language proficiency requirement.
credit hours: 4

HACR 2810 Special Projects

Special Projects

This course will provide students with a broader knowledge of Haitian language and culture. Emphasis will be placed on research, essays, and discussion.
credit hours: 3

HACR 2820 Special Projects

Special Projects

This course will provide students with a broader knowledge of Haitian language and culture. Emphasis will be placed on research, essays, and discussion.
credit hours: 3

HBRW 1010 Elementary Hebrew I

Elementary Hebrew I

credit hours: 4

HBRW 1020 Elementary Hebrew II

Elementary Hebrew II

Pre-requisites: HBRW 1010 or equivalent.
credit hours: 4

HBRW 2030 Intermediate Hebrew I

Intermediate Hebrew I

An introduction to Hebrew prose and poetry. A continuation of 1020 with emphasis on reading and Hebrew conversation.
Pre-requisites: HBRW 1020 or equivalent.
credit hours: 4

HBRW 2130 Intermediate Hebrew II

Intermediate Hebrew II

A continuation of Hebrew 2030 with an emphasis of reading and discussion of texts in Hebrew.

Pre-requisites: HBRW 2030 or equivalent.

credit hours: 3

HBRW 2140 Reading Texts in Hebrew

Reading Texts in Hebrew

This course allows students with a background in Hebrew to read texts from their current JWST class in the original language. Texts read will vary according to the concurrent course. For example, a student enrolled in JWST 4110 Rabbinic Judaism would read selections from the Mishnah in Hebrew.

Notes: May be taken two times for credit.

Pre-requisites: One year of Hebrew or equivalent.

Co-requisites: JWST course where Hebrew texts are being read in translation.

credit hours: 3

HBRW 2230 Biblical Hebrew I

Biblical Hebrew I

This course will involve reading various texts of the Hebrew Bible (Old Testament) and the study of biblical Hebrew.

Pre-requisites: HBRW 1020 or approval of instructor.

credit hours: 3

HBRW 3100 Advanced Hebrew I

Advanced Hebrew I

An advanced class for students interested in pursuing further Hebrew studies. Class will read and discuss modern Hebrew literature as well as study advanced grammar and syntax.

Notes: May be repeated for credit.

Pre-requisites: HBRW 2130 or approval of instructor.

credit hours: 3

HBRW 3110 Advanced Hebrew II

Advanced Hebrew II

credit hours: 3

HBRW 3230 Biblical Hebrew II

Biblical Hebrew II

This course is a continuation of Hebrew 2230 Biblical Hebrew I and involves reading various texts from the Hebrew Bible. Biblical Hebrew grammar will be reviewed as appropriate.

Pre-requisites: HBRW 2230.

credit hours: 3

HBRW H4910 Independent Studies

Independent Studies

credit hours: 3

HBRW H4920 Independent Studies

Independent Studies

credit hours: 3

HISA 1020 The Barbarian West

The Barbarian West

A survey of the period from the fall of Rome to the establishment of feudal kingdoms.

credit hours: 3

HISA 1030 Medieval Europe, 1100-1450

Medieval Europe, 1100-1450

A survey of the period in which Western Europe became the center of medieval civilization.

credit hours: 3

HISA 1500 First Year Seminar: Special Topics

First Year Seminar: Special Topics

First year seminars provide special opportunities for first year students to dig deep into a special topic and work closely with a faculty member. These courses emphasize class discussion, writing, and student-faculty engagement.

credit hours: 3

HISA 1910 Special Topics in Medieval and Ancient History

Special Topics in Medieval and Ancient History

"Courses offered by visiting professors or permanent faculty. For description, consult the department. Notes: For special offering, see the Schedule of Classes."

credit hours: 3

HISA 2000 Cities, Empires, and Gods: The Ancient Middle East before Islam

Cities, Empires, and Gods: The Ancient Middle East before Islam

This survey course introduces the early civilizations and religious traditions of the Near East and India that are the institutional and cultural basis of the Middle East today. The course begins with the first, literate, urban civilizations of the Tigris-Euphrates, Nile, and Indus. Stress is on the institutions of ancient kingships and the religious traditions of Mesopotamia, Egypt, the Hebrews, Persia (Zoroastrianism and Manichaeism), and Early India (Hinduism, Buddhism, and Jainism).

Notes: Elective in Classics

credit hours: 3

HISA 2001 The Warring States of Greece, 2800-200 B.C.

The Warring States of Greece, 2800-200 B.C.

This lecture course introduces the achievements of Greek civilization from its origins on Crete in the Bronze Age (2800-1400 B.C.) down to the conquest of the Greek world by the Romans. Greek civilization is the foundation of Western civilization. The intense inter-city rivalries shaped political thought with its stress on the consent of citizens and rule of law artistic and literary achievements stressing the human condition, and inquiry based on scientific reasoning and analysis of cause and effect. Stress is on the Archaic (750-480 B.C.), Classical (480-323 B.C.), and Early Hellenistic Ages (323-200 B.C.)

Notes: Elective in Classics

credit hours: 3

HISA 2002 Rome, The Imperial Republic

Rome, The Imperial Republic

This lecture course introduces the political and cultural achievements of the Roman Republic, and Rome's enduring legacy to Western political thought. Emphasis is on the evolution of the Roman Republic's political institutions, the Roman conquest of the Mediterranean world, the

Hellenization of Roman society, the emergence of a Mediterranean economy, the demise of the Republic in the Roman Revolution, and the legacy of the Republic to the Western tradition.

Notes: Elective in Classics

credit hours: 3

HISA 2020 High Roman Empire: From Augustus to Constantine

High Roman Empire: From Augustus to Constantine

This lecture course explains the political, institutional, and cultural achievements of the Roman Empire that are the foundations of Western civilization. Emphasis is on transformation of the Roman Republic into the monarchy of the Principate by Augustus (27 B.C.-14 A.D.), the imperial army and frontier policies, economic growth and social mobility under the Roman peace, the crisis of the third century (235-305), the rise of Christianity, and the creation of the Christian monarchy by Constantine (306-337)

credit hours: 3

HISA 2030 Byzantine and Early Medieval Civilization

Byzantine and Early Medieval Civilization

This course covers the transformation of the late Roman world into the Christian civilization of the Byzantine Empire and early Medieval West. Emphasis is on changes in late Roman state and society, the barbarian invasions and fall of the Western Roman Empire, the failure to restore the Roman order by Justinian (527-565), the emergence of the Middle Byzantine state and Orthodox tradition, the invasion of Eastern Europe, the impact of the Crusades, and the Byzantine transmission of the Classical heritage to Western Europe.

credit hours: 3

HISA 2310 Medieval England

Medieval England

A survey of the political, social, and intellectual development of England from the Anglo-Saxon period to 1485.

credit hours: 3

HISA 2350 Medieval Italy

Medieval Italy

A survey of the political, social, and cultural developments in Italy from the eleventh century to the early fifteenth century, with special attention to the development of institution and culture in the city-states of central and northern Italy.

credit hours: 3

HISA 2910 Special Topics in Medieval and Ancient History

Special Topics in Medieval and Ancient History

Courses offered by visiting faculty or permanent faculty. For description, consult the department.

Notes: For specific offering see the Schedule of Classes.

credit hours: 3

HISA 3020 Anatolian Civilizations from Catal Huyuk to Kemal Ataturk

Anatolian Civilizations from Catal Huyuk to Kemal Ataturk

Interdisciplinary seminar on the study of the history, historical geology, and cultural achievements of Anatolia (modern Turkey). Anatolia has acted as the cultural bridge between Europe and the Near East. Stress is on the achievements of Hittite civilization, the Iron Age civilizations, the impact of Hellenic civilization, the Roman and Byzantine empires, Turkish Muslim civilization

under the Seljuks and Ottomans, and the Turkish Republic.

credit hours: 3

HISA 3070 Topics in Medieval and Renaissance History

Topics in Medieval and Renaissance History

A reading seminar designed to explore in depth some aspect of late medieval history that is of interest to students and instructor.

credit hours: 3

HISA 3100 Select Topics in Greek History

Select Topics in Greek History

Readings and discussion of select topics in classical Greek history: Homer and the Trojan War; The Birth of City-States in Greece and the Near East (1000-500 B.C.E.); Athenian Empire (480-404 B.C.E.); Sparta and Macedon in the Age of Hegemonies (404-323 B.C.E.); or Greek Cities Leagues, and Macedonian Kings (323-133 B.C.E.).

Notes: Writing practicum. Can be taken for credit up to 4 times.

credit hours: 3

HISA 3110 Select Topics in Roman History

Select Topics in Roman History

Readings and discussion of select topics in Roman history: The Making of Roman Italy (509-264 B.C.E.); The Punic Wars (264-146 B.C.E.); Roman Revolution (133-27 B.C.E.); Rome and the Jews (167 B.C.E.- 135 C.E.), or Money, Market, and Trade from Antiquities to the middle ages.

Notes: Writing practicum. Can be taken for credit up to 4 times.

credit hours: 3

HISA 3170 Medieval Spain

Medieval Spain

Readings, discussion, and essays examine the sweep of Iberian history from the late Roman empire until the early 16th century, with particular attention to the Visigothic monarchy, the society and culture of Islamic al-Andalus, the reconquest and development of the Christian kingdoms of Castile-León, Portugal, and Aragon, and the interaction of Christians, Jews, and Muslims in peninsular society. The development of a distinctive Castilian culture, later transplanted in large part to Spanish America, will be studied through close attention to legal codes, domestic arrangements, military organization, the Inquisition, and the classics of medieval Castilian literature.

credit hours: 3

HISA 3230 Great Captains from Alexander the Great to Patton

Great Captains from Alexander the Great to Patton

Interdisciplinary colloquium on how the careers of great commanders have altered warfare and society. Stress is on changes in political, economic, and social institutions that stood behind these careers as well as the impact of innovations in technology, tactics, and strategy.

Commanders include Alexander the Great, Hannibal, Scipio Africanus, Belisarius, Gustavus Adolphus, Frederick the Great, and Napoleon.

Notes: Fulfills the college intensive-writing requirement.

credit hours: 3

HISA 3880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

HISA 3910 Special Topics in Medieval and Ancient History

Special Topics in Medieval and Ancient History

Courses offered by visiting faculty or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HISA 4004 Money, Markets, and Trade in Pre-Industrial Economies: Imperial Rome and the Early Modern World

Money, Markets, and Trade in Pre-Industrial Economies: Imperial Rome and the Early Modern World

This course takes a comparative approach to major issues in the economies of imperial Rome, and the Early Modern European overseas empires. The topics include an introduction to the main features of these two pre-industrial macro-economies, and then a series of topics that are of interest to both students of history and business majors. Students will also gain knowledge of the sources and historical methods for the study of these economies, many of which differ from those of the modern era. Stress is on analysis and writing, and so the ability of a student to assimilate and synthesize data into coherent essays.

credit hours: 3

HISA 4140 The Crusades, 1095-1291

The Crusades, 1095-1291

This course deals with the evolution of a distinct civilization in Scandinavia on the eve of the Viking Age (790-1100) and its impact on early Medieval civilization. Through archaeology, coins, the sagas and verse of Iceland, the course examines how Viking raids transformed states and societies across Europe and how the Scandinavians were assimilated into Latin Christendom from the eleventh through thirteenth centuries.

credit hours: 3

HISA 4150 The Age of the Vikings

The Age of the Vikings

This course deals with the evolution of a distinct civilization in Scandinavia on the eve of the Viking Age (790-1100) and its impact on early Medieval civilization. Through archaeology, coins, and the sagas and verse of Iceland, the course examines how Viking raids transformed states and societies across Europe and how the Scandinavians were assimilated into Latin Christendom from the eleventh through thirteenth centuries.

credit hours: 3

HISA 4880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 3

HISA 4910 Special Topics in Medieval and Ancient History

Special Topics in Medieval and Ancient History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HISA 6000 Seminar in Select Topics in Greek History

Seminar in Select Topics in Greek History

Research seminar on select topics of Greek History: Archaic Greece (750-480 B.C.E.); Athenian Constitutional History; Alexander the Great; Greeks, Macedonians, and Persians: Birth of the Hellenistic World (600-250 B.C.E.); or Greeks in Iran and India (500 B.C.E.- 200 C.E.)

Notes: Writing practicum can be taken for credit up to 4 times.

credit hours: 3

HISA 6010 Seminar in Select Topics in Roman History

Seminar in Select Topics in Roman History

Research seminar on select topics in Roman History: Roman Imperialism and Transmarine Expansion (264-30 B.C.E.); Roman Principate; Later Roman Empire; Peloponnesian and Punic Wars; Rome and the East: Imperial Armies, Frontiers, and Societies; Imperial Rome and Imperial China (200 B.C.E.- 200 C.E.); Rome and Iran (100 B.C.E.-650 C.E.); The Conflict of Pagans and Christians in the Roman Empire (30-565), Rome's Mediterranean Economy or Rome and the Northern Barbarians.

Notes: Writing Practicum can be taken for credit up to 4 times.

credit hours: 3-4

HISA 6050 The Italian Renaissance

The Italian Renaissance

An examination of cultural, religious, and political developments in Renaissance Italy and their impact on the rest of Europe.

credit hours: 3

HISA 6060 Later Medieval Spain

Later Medieval Spain

Examines the political, religious, social, and cultural history of the Iberian Peninsula from the rise of the Caliphate of Cordoba in the tenth century through the reign of the Catholic Monarchs Isabel of Castile (1479-1504) and Ferdinand of Aragon (1479-1516). Among other topics, readings and discussion will address: the evolution of Islamic and Christian polities, and their centuries-long military confrontation (the 'Reconquest'); convivencia, or the interaction of Christians, Muslims, and Jews within medieval peninsular societies, and the reflections of this coexistence in culture, commerce and law; the partial political unification of Spain under the Catholic Monarchs; mounting religious and ethnic tensions within the Christian states, the rise of the Spanish Inquisition, expulsions of Jews and Muslims, and the imposition of Christian orthodoxy.

credit hours: 3

HISA 6090 Seminar in Select Topics in Byzantine History

Seminar in Select Topics in Byzantine History

Research seminar on select topics in Byzantine history: The Age of Justinian (518-565); The Byzantine Dark Age (610-1025); or Byzantium and the Crusades (1025-1204).

credit hours: 3

HISA 6190 Special Topics in Medieval and Ancient History

Special Topics in Medieval and Ancient History

credit hours: 3

HISA 6230 Medieval Cities

Medieval Cities

This seminar explores the cities of medieval Europe, particularly in the high and late medieval period (roughly 1100-1500), and the ways in which urban space shaped the social, political, and cultural experience of medieval city-dwellers. Themes for readings and discussions include the idea of the city; sacred space and civic religious culture; governments, their institutions and physical sites; commerce and guilds; the gendering of urban space; and poverty and disease.

credit hours: 3

HISA 6250 Medieval Religious Culture

Medieval Religious Culture

This seminar explores a variety of aspects of medieval religious beliefs and practices, raising questions about the specific character of medieval religious culture and about how historians study it. Themes addressed include the cult of the saints; monastic life and intellectual culture; gender and models of sanctity; art and religious meaning; relations between majorities and minorities; and popular religion.

credit hours: 3

HISA 6270 Women and Gender in the Middle Ages

Women and Gender in the Middle Ages

This seminar addresses the construction of gendered identities in the Middle Ages, and on the experience of medieval women and men in relation to those identities. Seminar readings and discussions explore topics such as changes in attitudes towards women's authority during the Middle Ages; the experience of religious women and the meaning of female imagery in religious writings; women's opportunities and experiences in politics and the economy; the lives and writings of illustrious medieval women; and the relationship between medieval conceptions of femininity and masculinity, and their articulation of gender differences in medieval literature and science.

credit hours: 3

HISA 6910 Special Topics in Ancient History

Special Topics in Ancient History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For special offering, see the Schedule of Classes.

credit hours: 3

HISB 1300 Africa to 1800

Africa to 1800

This course examines selected topics in the history of sub-Saharan Africa from antiquity to the period immediately preceding colonial conquest. It provides an overview of historical developments in particular regions, considers the implications of Africa as a unit of analysis, and provides a point of departure for more specialized courses in African history.

credit hours: 3

HISB 1310 Africa from 1800

Africa from 1800

This course considers the history of sub-Saharan Africa under colonialism and after: the responses of people to governments very different from those they had previously, changes in African societies, the challenges of the postcolonial period. Topics covered include gender relations, peasant agriculture, wage labor, politics, and development.

credit hours: 3

HISB 1500 First Year Seminar: Special Topics

First Year Seminar: Special Topics

First year seminars provide special opportunities for first year students to dig deep into a special topic and work closely with a faculty member. These courses emphasize class discussion, writing, and student-faculty engagement.

credit hours: 3

HISB 1910 Special Topics in African History

Special Topics in African History

"Courses offered by visiting professors or permanent faculty. For description, consult the department. Notes: For special offering, see the Schedule of Classes."

credit hours: 3

HISB 2120 History of Western Africa

History of Western Africa

This course is a historical introduction to the themes and events in western and northern Africa from prehistoric times and the peopling of Africa through the advent of Islam; North and West African empires and states in the medieval period; the arrival and departure of European colonial powers; and the re-emergence of independent African states. We will trace topical themes through case studies, exploring the political, cultural, social aspects and the inter-regional dynamics of Saharan Africa.

credit hours: 3

HISB 2130 History of Southern Africa

History of Southern Africa

This course examines southern African history from 1652 to the present. It explores the particular political and cultural patterns which arose in the region as a result of contact and conflict between indigenous African societies and European settler communities.

credit hours: 3

HISB 2140 History of Eastern Africa

History of Eastern Africa

This course provides an historical survey of eastern Africa which examines the role of bantu migrations, the rise of state-building in the 17th and 18th centuries and a primary emphasis on the 19th and 20th centuries. The course highlights the social, cultural and economic dynamics of both African and settler societies as it explores the historical processes of slavery, migrations in the region, the imposition of colonialism, nationalism and the rise of the independent states of Kenya, Tanzania, Uganda, Ethiopia, Eritrea, Somalia, Rwanda and Burundi. We will use primary sources written or created by Africans and others to explore the developments that affected the region in recent history. This course devotes equal time to lecture and discussion.

credit hours: 3

HISB 2910 Special Topics in African History

Special Topics in African History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For special offering, see the Schedule of Classes.

credit hours: 3

[**HISB 3250 Archiving Africa**](#)

Archiving Africa

This is an advanced course in historical methods that uses a service-learning component to enhance student understanding of historical materials, archives and how these connect with the larger community. In this course, students will focus in particular on materials related to African history found in New Orleans archives, allowing students to develop an understanding of the historical links between the local community and the continent of Africa. Moreover, students will consider the methodologies used to preserve the various histories of Africa and consider how these methods can be used for other under-represented communities, such as found in New Orleans.

credit hours: 3

[**HISB 3880 Writing Practicum**](#)

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 3

[**HISB 3910 Special Topics in African History**](#)

Special Topics in African History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For special offering, see the Schedule of Classes.

credit hours: 3

[**HISB 4250 The Atlantic Slave Trade**](#)

The Atlantic Slave Trade

An exploration of the cultural, economic, and social history of the African slave trade into the Americas from the sixteenth to the nineteenth centuries. Emphasis is on the nature of this forced migration as a unique process of cultural interaction and cultural change.

credit hours: 3

[**HISB 4880 Writing Practicum**](#)

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 3

[**HISB 4910 Special Topics in African History**](#)

Special Topics in African History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HISB 6070 Gender in African History

Gender in African History

This seminar will consider the question of how recent forms of gender theory might be applied to African societies. Readings will include Foucauldian, psychoanalytic, and political theory, as well as historical and ethnographic studies of particular societies.

credit hours: 4

HISB 6910 Special Topics in African History

Special Topics in African History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For special offering, see the Schedule of Classes.

credit hours: 3

HISC 1500 First Year Seminar: Special Topics

First Year Seminar: Special Topics

First year seminars provide special opportunities for first year students to dig deep into a special topic and work closely with a faculty member. These courses emphasize class discussion, writing, and student-faculty engagement.

credit hours: 3

HISC 1910 Special Topics in Asian History

Special Topics in Asian History

"Courses offered by visiting professors or permanent faculty. For description, consult the department. *Notes:* For special offering, see the Schedule of Classes."

credit hours: 3

HISC 2010 History of China, Prehistory to 1800

History of China, Prehistory to 1800

This survey course introduces the main themes of Chinese history, from Neolithic times down to the end of the pre-modern era (marked, both by tradition and for sake of convenience, at 1800 CE). Key topics include the exploration of the religious, moral, and social beliefs of early China as well as the assessment of the significance of the institutions of state and family, which have left such a striking imprint on the whole of Chinese history. This course is intended for those with little or no prior study of Chinese history; by the end of the semester, students should have a rounded perspective on the diversity as well as the essential continuities of Chinese culture in its formative stages.

credit hours: 3

HISC 2020 History of China, 1800 to the Present

History of China, 1800 to the Present

This survey course introduces the main themes in Chinese history from the height of the Qing dynasty to the end of the twentieth century. The first half of the course explores the political, social, economic, and cultural trends of the late imperial era. The second half of the course examines twentieth-century China, from the turbulent years of the Republican period to the traumatic events of the Cultural Revolution and beyond. This course is intended for those with little or no prior study of Chinese history.

credit hours: 3

HISC 2120 History of Modern India

History of Modern India

This is an introductory survey of the major cultural, social, political thought, traditions, and institutions of the Indian subcontinent or South Asia from 1500 to the present. No prior knowledge of the area or the culture is assumed or expected from the students.

credit hours: 3

HISC 2910 Special Topics in Asian History

Special Topics in Asian History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HISC 3880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

HISC 3910 Special Topics in Asian History

Special Topics in Asian History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HISC 4880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 3

HISC 4910 Special Topics in Asian History

Special Topics in Asian History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HISC 6210 The PRC: China Under Communism

The PRC: China Under Communism

In 1949, as Mao Zedong declared the founding of the People's Republic of China, the Chinese people were once again under a united government, ending decades of civil strife and foreign aggression. Yet the year 1949 represented only the military victory of the CCP, and in the following decades the new rulers of China would attempt to recreate state and society on a

previously unimaginable scale. This course explores the dramatic years following the establishment of the PRC and follows the mass campaigns and political upheavals that marked Chinese history under the rule of the Communist Party. Attention will be given to both mass movements in the countryside and events that largely affected urban dwellers and intellectuals. Overall, this course aims at understanding the large-scale structural changes of the revolutionary era of 1949 to 1976 and its aftermath, as well as what these changes meant for the lives of individual Chinese citizens.

credit hours: 3

HISC 6310 China in Revolution, 1900-1949

China in Revolution, 1900-1949

China's twentieth century was irrevocably and profoundly marked by the Chinese Revolution. But how are historians to define the Chinese Revolution, both in setting its temporal boundaries and interpreting the meaning behind the event? Is it possible to determine the causes of the Revolution, or to elucidate why it took the path that it did? What did the Revolution mean for different social groups, as well as the individual? This course, an intensive reading seminar, is designed to address these issues by engaging a wide range of scholarship. Key topics include the legacy of the Republican Era, the rise of the Chinese Communist Party, land reform, and the impact of the revolutionary era on the lives of women.

credit hours: 3

HISC 6410 Empire and Rebellion in China

Empire and Rebellion in China

During the Ming and Qing dynasties, Chinese emperors faced the enormous challenge of maintaining control over a vast and populous polity. This seminar will explore the methods utilized in the late imperial age to control the populace. These methods-most notably the state, legal, and family systems-were never fully effective in enforcing the will of dynastic rulers. As such, we will also investigate the possibilities for resistance against imperial rule and the Confucian worldview. While control and resistance will be the main themes for this seminar, other topics such as the roles of the environment and identity in history will add to our understanding of the late imperial age. Please note that this is a reading and writing intensive course that will rely heavily on the peer-review process.

credit hours: 3

HISC 6510 Imperialism in East Asia

Imperialism in East Asia

Despite a continuing debate over the exact definition of imperialism, there is no doubt that this phenomenon looms large in the history of modern East Asia. This course explores unequal power relations between nation-states, not only between Europe and Asia, but within East Asia itself. Please note that this is an intensive seminar, with equal emphasis on reading, writing, and in-class discussion.

credit hours: 3

HISC 6610 Seminar on Modern Japan

Seminar on Modern Japan

Japan's rapid transformation from a traditional agrarian society to a modern nation-state has been one of the most intensely studied and debated topics in the historiography of Asia. This course explores the continuities and contrasts in Japanese history from the late Shogunate period to the disasters of the Pacific War; particular emphasis will be placed on how Japan came to be defined

as a modern nation. Please note that this is a reading and writing intensive course that will utilize both peer-collaboration and peer-review.

credit hours: 3

HISC 6910 Special Topics in Asian History

Special Topics in Asian History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For special offering, see the Schedule of Classes.

credit hours: 3

HISE 1210 Europe and a Wider World: From the Renaissance to 1789

Europe and a Wider World: From the Renaissance to 1789

European history from the Middle Ages to the French Revolution: the Renaissance and the Reformation, the origin of the modern state and of capitalism, the beginnings of colonialism, the scientific revolution, and the Enlightenment.

Notes: Not open to senior history majors.

credit hours: 3

HISE 1220 The Emergence of the Contemporary World Since 1789

The Emergence of the Contemporary World Since 1789

The impact of the French Revolution and Napoleon; reaction and revolt; the growth of nationalism; the industrial revolution and the rise of socialism; international rivalry, imperialism, and the coming of World War I; rise of totalitarianism and the failure of international security; World War II and postwar developments.

Notes: Not open to senior history majors.

credit hours: 3

HISE 1500 First Year Seminar: Special Topics

First Year Seminar: Special Topics

First year seminars provide special opportunities for first year students to dig deep into a special topic and work closely with a faculty member. These courses emphasize class discussion, writing, and student-faculty engagement.

credit hours: 3

HISE 1510 Napoleon in Russia 1812

Napoleon in Russia 1812

THIS SEMINAR IS A CLOSE STUDY OF NAPOLEON'S INVASION OF RUSSIA IN 1812, THE IMPACT IT HAD UPON THE RUSSIAN EMPIRE, AND THE PLACE THAT IT CAME TO OCCUPY IN RUSSIA'S HISTORICAL MEMORY. THE SEMINAR, WHICH MEETS TWICE PER WEEK, EMPHASIZES THE TIMELY READING OF ASSIGNED READINGS AND ACTIVE PARTICIPATION IN CLASS DISCUSSIONS.

credit hours: 3

HISE 1910 Special Topics in European History

Special Topics in European History

"Courses offered by visiting professors or permanent faculty. For description, consult the department. *Notes:* For special offering, see the Schedule of Classes."

credit hours: 3

HISE 2160 Europe in the 18th Century

Europe in the 18th Century

Examines developments in human ecology and power, critiques of tradition from diverse groups, and efforts to implement novel models, both cosmopolitan and nationalistic, for a rational and just society.

credit hours: 3

HISE 2170 Europe in the 19th Century

Europe in the 19th Century

Explores the quest for popular and national security in an age of radically shifting material circumstances deeply influenced by concepts of political and social equality.

credit hours: 3

HISE 2210 Modern Germany

Modern Germany

A survey of the political, social, and economic development of Germany from the revolution of 1848 to the aftermath of the Second World War. Topics include unification, Bismarckian Germany, the Weimar Republic, and the Third Reich.

credit hours: 3

HISE 2230 France Since 1789

France Since 1789

A survey of French history since 1789, with particular attention to social, cultural, and political change. Among other topics, we will examine political upheaval, imperialism, class dynamics, changing gender roles, and questions of French identity in the modern era.

credit hours: 3

HISE 2240 Rulers and Tyrants in Russia, 900-1825

Rulers and Tyrants in Russia, 900-1825

Political, social, and economic developments in Russia from the earliest times to the mid-19th century. Kievan and Muscovite background, reforms of Peter the Great, and the effects of westernization.

credit hours: 3

HISE 2250 Russian Reform and Revolution, 1825-present

Russian Reform and Revolution, 1825-present

THIS LECTURE COURSE COVERS THE LAST DECADES OF THE TSARIST REGIME, THE RUSSIAN REVOLUTION OF 1917, THE SOVIET REGIME FROM LENIN AND STALIN, THE COLLAPSE OF THE SOVIET REGIME IN 1991, AND THE PUTIN ERA.

credit hours: 3

HISE 2320 Early Modern England

Early Modern England

A survey of the political, social, economic, and cultural development of England from the founding of the Tudor dynasty to the rebellion of the American colonies (1485-1776). Topics include the Reformation, the civil war, relations with Scotland and Ireland, political thought, crime and riot, education, and domestic industry.

credit hours: 3

HISE 2330 Modern Britain

Modern Britain

A survey of the political, social and economic development of Britain from 1760 to the present. The course will examine how and why Britain became the world's greatest economic and imperial power, and in what ways it may have suffered a decline in the 20th century.

credit hours: 3

[HISE 2410 Spain, 1369-1716](#)

Spain, 1369-1716

Surveys the course of Spanish history from the completion of the medieval Reconquest and the rise of the Trastamara dynasty in the fourteenth century until the end of Habsburg Spain in the early eighteenth century, with particular attention to state formation and the role of Spain as a great European power in the sixteenth and seventeenth centuries. Besides politics, the course examines central topics in the social, religious and cultural history of late medieval and early modern Spain.

credit hours: 3

[HISE 2420 The Age of Reformation](#)

The Age of Reformation

Surveys the transformation of Western Christendom (c. 1400-1700), with emphasis on: late medieval religious practice; discontent and reform currents within the Church; the Protestant Reformations of Luther, Zwingli, Calvin, anabaptists, and others; and Catholic response and Counter-Reformation.

credit hours: 3

[HISE 2500 Memories of Violence in 20th-Century Europe](#)

Memories of Violence in 20th-Century Europe

Among the many instances of violent and traumatic collective experiences in 20th century Europe, this class will focus on three particular case studies, the Holocaust in Germany, the bombing of Guernica in Spain, and the siege of Sarajevo during the Bosnian War. These cases are not chosen at random, but for their ability to shape how we narrate individual and collective responses to most traumatic experiences of state imposed violence in 20th century Europe.

credit hours: 3

[HISE 2910 Special Topics in European History](#)

Special Topics in European History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

[HISE 3190 The Spanish Civil War](#)

The Spanish Civil War

The Civil War of 1936-39 considered both as the watershed of modern Spanish history and as an event of major international significance. Readings and discussion focus on the causes and course of the conflict, and on its consequences down to the present.

credit hours: 3

[HISE 3220 World War II in French Film](#)

World War II in French Film

This seminar examines the representation of the era of Nazi occupation and the Vichy Regime

(1940-44) in films produced between the 1940s and the 2000s. We will focus on depictions of daily life, the politics of collaboration and resistance, and the French role in the Holocaust.

credit hours: 3

HISE 3250 Russia at War, 1939-1945

Russia at War, 1939-1945

This seminar provides an overview and analysis of the Second World War on the Eastern front. The Nazi invasion of the Soviet Union on June 22, 1941, inaugurated one of the bloodiest wars in history. The Soviet victory following devastating defeats and losses at the war's outset, was indispensable to the overall Allied victory. The Soviet victory was won at enormous cost, whether in human lives lost or in the physical devastation of the country. The victory also transformed the Soviet Union into a superpower and left the Soviet Union in control of much of Eastern Europe. The course requires reading, discussion, and the writing of a research paper.

credit hours: 3

HISE 3260 Putin's Russia

Putin's Russia

The period between the collapse of the Soviet Union in 1991 and the present in Russia has witnessed dramatic changes in every dimension of Russian life, from political ideology and institutions to the transformation of economy, society, and broader culture. This seminar seeks to illuminate the nature of these transformative changes, focusing particular attention on Vladimir Putin's rise to power, the character of his rule, and the reasons for his popularity in Russia. The reasons for the growth in popular as well as state hostility to the West and Western culture forms a particularly important part of the course.

credit hours: 3

HISE 3270 Literature and Society in Russia, 1800-1917

Literature and Society in Russia, 1800-1917

An exploration of the central role that writers and literature played in the culture and society of nineteenth and early twentieth-century Russia. Readings include selected novels, poetry, critical essays, and memoirs as well as secondary historical literature. The course focuses upon the role of literature in Russian society and the relationship between literary representations and history.

credit hours: 3

HISE 3280 Literature and Society in Russia, 1917-1991

Literature and Society in Russia, 1917-1991

An exploration of the role that literature and writers played in the history and culture of the Soviet Union from its inception to its collapse in 1991. Readings include selected novels, poetry, and memoirs as well as secondary historical literature. The course focuses on the relationship between writers and the state and society in the Soviet period and the relationship between literary representations and history.

credit hours: 3

HISE 3290 Origins of the Second World War, 1919-1939

Origins of the Second World War, 1919-1939

European international affairs from the treaty of Versailles to Hitler's invasion of Poland, emphasizing the diplomatic, political, and military forces that contributed to the outbreak of the Second World War.

credit hours: 3

HISE 3300 Death, Disease, Destitution and Despair in Early Modern Europe

Death, Disease, Destitution and Despair in Early Modern Europe

Death, Disease, Destitution and Despair in Early Modern Europe Readings, discussion, and a research paper examining the experience of and social reaction to illness, insanity, poverty, and death in Western Europe.

credit hours: 3

HISE 3311 History of Gardens, Parks and Green Spaces

History of Gardens, Parks and Green Spaces

This course examines the creation of gardens, parks and public space in Europe and the Americas from 1500 to the present day. We will study not just the historical evolution, technology or art form of gardens and parks but we will also explore what they mean to people.

credit hours: 3

HISE 3513 History of the Jews in Russia, 1772-2000

History of the Jews in Russia, 1772-2000

This course studies the history of the Jews in Russia from the First Partition of Poland in 1772 until the beginning of the twenty-first century. The course examines the evolution of that Jewish community itself and the issues that divided that community. It also reviews the evolving policies that tsarist and Soviet regimes adopted toward the Jews. Finally, the course addresses the scope of official and unofficial anti-Semitism in tsarist and Soviet Russia. A vital question the course explores is that of Jewish identity and self-definition, particularly the individual and collective responses Russian Jews made to the tsarist regime's profound anti-Semitism, the pronounced emancipation under the early Soviet regime, or to the anti-Semitic policies that emerged in the Soviet Union after WWII.

credit hours: 3

HISE 3880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

HISE 3910 Special Topics in European History

Special Topics in European History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HISE 4140 Household, Gender, and Sexuality in Early Modern Europe

Household, Gender, and Sexuality in Early Modern Europe

This course examines the structure, function, and emotional content of families in Europe from the Renaissance to the 18th century. The construction of gender as well as attitudes to and the regulation of sexuality will also be discussed.

credit hours: 3

HISE 4350 Britain in Decline?

Britain in Decline?

This is a history of Britain since 1945. The course will focus on perceptions of Britain's decline and the debates that have developed around that subject. These include not only Britain's decline as a great power, but also the debate over economic decline and whether there was some sort of failure, and the debate over cultural decline and the influence of Americanization and mass culture. Special attention will be paid to social and cultural developments as indications of dramatic improvement rather than decline, as well as the more traditional issues surrounding Britain's economy and its role in the world.

credit hours: 3

HISE 4880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

HISE 4910 Special Topics in European History

Special Topics in European History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HISE 6050 The Italian Renaissance

The Italian Renaissance

An examination of cultural, religious, and political developments in Renaissance Italy and their impact on the rest of Europe.

credit hours: 3

HISE 6100 Renaissance and Reformation, 1450-1660

Renaissance and Reformation, 1450-1660

Examines religious and secular aspects of the breakdown of Christian unity from the Renaissance to the mid-seventeenth century. Topics include the decline of the Church; philosophical and doctrinal conflict; dissent and renewal in the Protestant Reformation; the Catholic Reformation; ideology, politics, and wars of religion; Counter-Reformation; and foreign intervention in France and the Netherlands.

credit hours: 3

HISE 6140 Revolutionary-Napoleonic Europe, 1789-1815

Revolutionary-Napoleonic Europe, 1789-1815

This course explores the questioning of traditions throughout Europe, the exchange of concepts of social organization among regions, and the emergence of an imperial power that redirected civilization.

credit hours: 3

HISE 6330 Imperial Spain, 1469-1716

Imperial Spain, 1469-1716

Examines the rise and decline of Spanish power in Europe and the Atlantic world and the internal development of the Spanish kingdoms from unification under Fernando and Isabel through the reigns of Charles V and Philip II to the end of the Habsburg dynasty. Besides politics

and diplomacy, reading and discussions will address religious practice and the Spanish Inquisition, the art and literature of the Golden Age, and the cult of honor with its consequences for social structure, economic life and gender relations.

credit hours: 3

HISE 6350 Crime and Punishment in Hanoverian England

Crime and Punishment in Hanoverian England

This in depth seminar focuses on crime, punishment and the justice system in eighteenth-century England. We will investigate such topics as the rise of defense lawyers, the goals of punishment and the development of a system of police. Students will also make use of a digitized data base, "theoldbaileyonline" which contains the transcripts of trials held at the Old Bailey courthouse in London to write a research paper.

credit hours: 3

HISE 6360 English Civil War

English Civil War

This course explores the causes, conduct, and consequences of the English Civil War from 1603-1660.

credit hours: 3

HISE 6370 Seminar in Early Modern England

Seminar in Early Modern England

Readings, discussion, and research paper will focus on a selected topic of English history between 1485 and 1789. Topics will include Religion and Society and Georgian England, 1714-1783.

credit hours: 3

HISE 6380 Seminar in Modern British History

Seminar in Modern British History

Readings, discussion, and a research paper focusing on one of the following periods of modern British history: Britain in the Age of Revolution, 1760-1850; The Victorian Era, 1830-1900; Britain in the Age of World War, 1900-1945. On occasion, the seminar might focus on a topic rather than a period.

credit hours: 4

HISE 6420 Readings in the Holocaust

Readings in the Holocaust

Examines the origins and development of the Nazi Final Solution; the experience of the victims, perpetrators, rescuers, and bystanders; and the relationship between history and memory.

credit hours: 3

HISE 6510 The Russian Revolution, 1900-1924

The Russian Revolution, 1900-1924

The course explores the origins and nature of the Russian revolutions of 1905 and 1917. It focuses equal attention upon the policies of the tsarist regime and the various social movements, political parties, and ideologies that arose in opposition to that regime. The reasons for the Bolshevik victory in October 1917 and the character of the early Bolshevik regime from 1917 through the Civil War are problems the course addresses. The contentious debates historians have conducted on almost every aspect of the revolution are an important part of the course's readings and discussions.

credit hours: 3

HISE 6511 Stalin's Russia, 1924-1953

Stalin's Russia, 1924-1953

This seminar addresses four major questions: 1) What was the nature of the political, social, and cultural system that came into existence under Stalin and how did that system evolve during his lifetime? 2) What was the scope and nature of political repression and state terror under Stalin? Given the reality of state terror, how can we explain the genuine enthusiasm that the regime was able to mobilize for so many of its initiatives? 3) What was the Soviet experience during World War II, and how did the war affect Soviet society and politics? 4) What was the range of experiences that ordinary individuals and families encountered in their private lives during the Stalin era? A major question throughout the course is the character of Stalin's personal rule and the extent of his responsibility for the major developments under his leadership.

credit hours: 3

HISE 6512 In Stalin's Shadow: The Soviet Union, 1953-1991

In Stalin's Shadow: The Soviet Union, 1953-1991

This course examines the evolution of the Soviet Union from Stalin's death until its collapse in 1991. Its primary focus is on the important changes that occurred in the political, cultural, and social spheres within the Soviet Union itself and in the stances that the Soviet Union adopted toward the rest of the world. The initial changes, which contemporaries described as the thaw, witnessed a liberalization that culminated in an explicit denunciation of many of Stalin's policies. The course concludes with an inquiry into the Gorbachev reforms of glasnost and perestroika, which culminated in the collapse of the Soviet Union in 1991.

credit hours: 3

HISE 6520 Immigration and Identity in Contemporary France

Immigration and Identity in Contemporary France

This seminar will explore the history of immigration to France since the late 19th century and attendant debates over national identity, secularism, and race. We will examine colonial and postcolonial migration, the rise of xenophobic extremist political parties, minority activism, and controversies over the place of Islam in French society.

credit hours: 3

HISE 6600 Photography and the Historical Imagination

Photography and the Historical Imagination

This class aims to explore the relationship between historical memory and photographic practice.

credit hours: 3

HISE 6601 Jewish Life and Culture in Central Europe, 1750 to the present

Jewish Life and Culture in Central Europe, 1750 to the present

This course explores the many facets of Jewish life and culture in Germany and other cCentral European nations. We will focus on the relationship of various Jewish communities with their Gentile neighbors, local and state authorities and trace the course and success of the Haskalah movement (the Jewish enlightenment). We will be particularly sensitive to the daily life experience of women in their struggles to find a voice and acceptance as women and as Jews, as well as the dramatic rise of a Jewish middle class in the realm of science, finance and industry.

Notes: An elective in Jewish Studies

credit hours: 3

HISE 6610 Postwar Culture: The Divided Continent

Postwar Culture: The Divided Continent

This course explores the many ways daily practices and political ideologies have intersected in the lives of ordinary European citizens in the era of the Iron Curtain".

credit hours: 3

HISE 6910 Special Topics in European History

Special Topics in European History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HISL 1500 First Year Seminar: Special Topics

First Year Seminar: Special Topics

First year seminars provide special opportunities for first year students to dig deep into a special topic and work closely with a faculty member. These courses emphasize class discussion, writing, and student-faculty engagement.

credit hours: 3

HISL 1710 Introduction to Latin American History

Introduction to Latin American History

Main currents of Latin American civilization from the European conquest to the present, with special attention to the historical background of present controversies.

Notes: Not open to senior history majors.

credit hours: 3

HISL 1720 Introduction to Caribbean History

Introduction to Caribbean History

This course provides a survey introduction to the history of the Caribbean basin including the island territories located in the Caribbean Sea as well as those Atlantic islands and regions of mainland Central and South America which have shared similar historical experience with the Caribbean basin. The course covers the period from the mid fifteenth century immediately before European arrival up to the present day. Major themes will include European conquest and colonialism, African enslavement, East Asian immigration, the development of multi ethnic societies, U.S. relations with the Caribbean region, and the role of tourism in recent Caribbean history.

credit hours: 3

HISL 1910 Special Topics in Latin American History

Special Topics in Latin American History

"Courses offered by visiting professors or permanent faculty. For description, consult the department. *Notes:* For special offering, see the Schedule of Classes."

credit hours: 3

HISL 2110 Colonial Latin America

Colonial Latin America

The year 1492 marked a major watershed in global history, as Europeans began a process of colonial expansion in the Americas that would continue for several centuries. This course explores the long and complex colonial history of Latin America that began in 1492 and ended in

most of the region in the 1810s and 1820s. Main themes include the long processes of material and spiritual conquest; indigenous resistance and accommodation; the Columbian Exchange of plants, animals, and diseases; the creation of colonial economies of extraction and regional articulation; the rise of mixed-race societies; and the development of colonial institutions of church and state. The course also treats the expansion of slavery and the transatlantic slave trade, along with the rise of resistance movements and frontier challenges to colonial rule. We end with the responses to new crown demands in the eighteenth century and the collective struggle for independence that began in 1808.

credit hours: 3

[HISL 2760 Colonial Mexico](#)

Colonial Mexico

Social, intellectual, and institutional history of colonial Mexico.

credit hours: 3

[HISL 2770 Modern Mexico](#)

Modern Mexico

Political, economic, and social history of Mexico during the national period.

credit hours: 3

[HISL 2790 Central America](#)

Central America

The history of Central America since 1800 with particular attention to the establishment of political independence, economic colonialism, the transfer of hegemony over the region from Europe to North America, problems of chronic political and social instability, and popular revolutions in the 20th century.

credit hours: 3

[HISL 2810 Colonial Brazil](#)

Colonial Brazil

Brazilian colonial history from 1500 to 1822. Emphasis on major economic, social, and political developments in the context of the Portuguese Empire. Contrasts and similarities with other imperial systems receive particular attention.

credit hours: 3

[HISL 2820 Modern Brazil](#)

Modern Brazil

Brazilian history from 1822, including the first and second empires and the republic. Attention is given to the liquidation of slavery, the replacement of imperial values by the establishment of the republic, and the military question.

credit hours: 3

[HISL 2830 The Andean Nations](#)

The Andean Nations

A survey of the development of South America's Andean region beginning with the Inca Empire, through the establishment of the vice-royalty of New Castile and emphasizing the modern nations of Chile, Peru, and Bolivia.

credit hours: 3

[HISL 2840 History of Argentina](#)

History of Argentina

Political, economic, and social history of Argentina from 1516 to the present.

credit hours: 3

[HISL 2850 Central America Radicals](#)

Central America Radicals

Central Americans have engaged in some of the most important radical and democratic movements of the 20th century. Especially after the triumph of the Nicaraguan revolution in 1979, Central America became the news story of the 1980s. Radical movements and civil wars in Guatemala and El Salvador intensified over this decade. While some saw these battles as the "twilight struggle" of the so-called Cold War between the United States and the Soviet Union, a battle over a supposed Soviet beachhead in "our backyard," these events have a much longer legacy, dating at least to the late-nineteenth century and involving domestic issues as much as international ones.

credit hours: 3

[HISL 2910 Special Topics in Latin American History](#)

Special Topics in Latin American History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

[HISL 3100 Explorers, Liars and Travelers](#)

Explorers, Liars and Travelers

This course focuses on teaching historical methods-the tools we use, as historians, to interpret and represent the past. Travelers provide an excellent and accessible body of historical sources across a wide range of time and places. But traveling is also a great metaphor for being a historian: like travelers, we lack perfect knowledge, we have questionable cultural understanding, and we try to make sense of the world we live in. This course has a required co-requisite Methods Lab.

credit hours: 3

[HISL 3200 History of Voodoo and Other African Derived Religions](#)

History of Voodoo and Other African Derived Religions

Using works of anthropology, folklore, history, and literature, this course examines the history of voodoo in both New Orleans and Haiti, as well as the history of similar religions such as Brazilian candomble, Cuban santeria and Trinidadian orisha worship. Students will explore the development of these religious systems from slavery to the present day.

credit hours: 3

[HISL 3361 Slave Rebellions in American Regional History](#)

Slave Rebellions in American Regional History

What happened when enslaved Africans, African-Americans and other people of African descent used organized armed resistance to fight the institution of slavery? This course will explore six different slave rebellions in the United States, the Caribbean and Latin America using documents, films and different kinds of history text books. Only in the case of the Haitian Revolution (1791-1804) did a slave rebellion actually succeed. But all slave uprisings left behind fascinating stories--filled with heroism, tragedy, violence; disputed evidence, and angry historical

debate. This seminar-style class will delve into all of these questions mostly through weekly readings in both documents and other texts. The class will also focus significantly on questions of historical evidence: What can historians really know, especially when slave rebels themselves left behind relatively few documents? When Methods Practicum is added, this course fulfills Methods Requirement of the History Major.

credit hours: 3

HISL 3710 Seminar: The Colonial Heritage of Latin America

Seminar: The Colonial Heritage of Latin America

Readings and research on topics in the Hispanic period aimed at developing an understanding of Latin American society and institutions as they developed from the 16th to the 19th century.

credit hours: 3

HISL 3720 Seminar: Topics in Modern Latin America and Caribbean History

Seminar: Topics in Modern Latin America and Caribbean History

Selected topics in Latin American and Caribbean history from 1800 to the present. Religion in Latin America; Dictators; Evita.

credit hours: 3

HISL 3800 Colloquium: Caribbean Revolutions

Colloquium: Caribbean Revolutions

Weekly readings and discussions of popular revolutions in the Caribbean region. Some attention is paid to the revolutionary tradition in Middle America before concentrating on the 20th-century revolutions there. In a search for common factors, attention is devoted not only to countries where significant revolutions have occurred already, such as Guatemala, Cuba, and Nicaragua, but also to others where revolutionary potential exists.

credit hours: 3

HISL 3880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

HISL 3910 Special Topics in Latin American History

Special Topics in Latin American History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HISL 4740 Caribbean Cultural History

Caribbean Cultural History

This course explores the development of distinctive cultural forms and patterns in the Caribbean basin from the arrival of Europeans at the end of the 15th century up to the present day.

Emphasis will be placed on understanding the diverse origins and particular social contexts from which different aspects of Caribbean culture have developed.

credit hours: 3

HISL 4780 Women in Latin American History

Women in Latin American History

An exploration of the pivotal role Latin American women have played in the area's historical development. Attention is given to how women acquired and exercised power in a male-dominated society and how class, race, sex and sex roles, and traditions have influenced and shaped women's roles.

credit hours: 3

HISL 4880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

HISL 4910 Special Topics in Latin American History

Special Topics in Latin American History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HISL 6600 Peasants, Rebellion and the State in Latin America

Peasants, Rebellion and the State in Latin America

This seminar explores the history of peasants, rebellions and revolution in modern Latin America. Attention will focus on peasant desires and motivations as Latin America has become increasingly urban and states have grown in size and strength.

credit hours: 3

HISL 6610 Modernity and Its Discontents in Latin America

Modernity and Its Discontents in Latin America

This class explores the history of modernity, modernization and underdevelopment in Latin America since the 19th century. Key themes will include labor and industrialization; urbanization and the middle class; citizenship and ethnicity; and state formation.

credit hours: 3

HISL 6710 Seminar in Historical Nahuatl

Seminar in Historical Nahuatl

The purpose of this course is to become familiar with the fundamentals of colonial alphabetic Nahuatl vocabulary and grammar in order to translate historical documents; to learn the different

genres of Nahuatl; written expression; to be able to discern regional variations in written Nahuatl; and to be able to recognize the four stages of change in Nahuatl as it evolved over the course of the colonial period.

credit hours: 3

HISL 6740 Latin American Social History

Latin American Social History

A specific topic is chosen each year. The course has dealt with slavery, race relations, and social revolutions in previous years. Future topics include the history of the peasantry and peasant movements in Latin America and the development of the Latin American urban working class. Lectures, readings and discussions.

credit hours: 3

HISL 6750 Africans in the Americas: Comparative Social and Cultural History of the African Diaspora

Africans in the Americas: Comparative Social and Cultural History of the African Diaspora

This seminar will explore the dispersion and fate of African peoples and their descendants in the United States, the Caribbean, and Central and South America with a view to developing an understanding of African-American culture as a diverse regional phenomenon rather than one confined to the United States.

credit hours: 3

HISL 6780 Caribbean History: Major Themes

Caribbean History: Major Themes

A historiographical course focusing on major texts, major themes, and major trends in the historical literature of the Caribbean, including the island territories along with Belize and the Guianas.

credit hours: 3

HISL 6850 United States-Latin American Relations

United States-Latin American Relations

Traces the diplomatic, economic, and cultural relations between the United States and Latin America from the American Revolution to the present. This course seeks to demonstrate the interrelated roles of diplomacy, commerce, and inter-American cultural relations throughout the 19th and 20th centuries.

credit hours: 3

HISL 6910 Special Topics in Latin American History

Special Topics in Latin American History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For special offering, see the Schedule of Classes.

credit hours: 3

HISL 7610 Seminar on the Comparative History of the Americas

Seminar on the Comparative History of the Americas

credit hours: 3

HISL 7720 Seminar in Modern Latin America

Seminar in Modern Latin America

credit hours: 3

HISL 7830 Historiography of Colonial Latin America

Historiography of Colonial Latin America

credit hours: 3

HISM 1200 The Contemporary Middle East

The Contemporary Middle East

An introduction to the Middle East that emphasizes problems of topical interest presented in their historical context. Stress is upon developments since 1970.

credit hours: 3

HISM 1500 First Year Seminar: Special Topics

First Year Seminar: Special Topics

First year seminars provide special opportunities for first year students to dig deep into a special topic and work closely with a faculty member. These courses emphasize class discussion, writing, and student-faculty engagement.

credit hours: 3

HISM 1910 Special Topics in Middle Eastern History

Special Topics in Middle Eastern History

"Courses offered by visiting professors or permanent faculty. For description, consult the department. Notes: For special offering, see the Schedule of Classes."

credit hours: 3

HISM 2200 History of Islam to 1400

History of Islam to 1400

This course surveys the rise and expansion of Islam and the Muslim polities and societies between ca. 600-1400. It covers political developments as well as the emergence and development of the Islamic culture and thought.

credit hours: 3

HISM 2210 History of Modern Middle East, 1750 to the Present

History of Modern Middle East, 1750 to the Present

This course is a survey of modern Middle Eastern history. It starts with an evaluation of the Ottoman and Safavid empires, the two largest early modern political entities in the area. It then proceeds by discussing the nineteenth-century reform movements, the impact of the dismantlement of the Ottoman Empire and the First World War on the region, the post-1945 developments, the rise and development of Arab nationalism and political Islam, the Israeli-Palestinian conflict, the Iranian Revolution, the Gulf War and the most recent US intervention in Iraq. The aim of the course is to provide students with a solid grasp of historical events and political processes, as well as a detailed knowledge of important intellectual and cultural developments.

credit hours: 3

HISM 2910 Special Topics in Middle Eastern History

Special Topics in Middle Eastern History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HISM 3220 The Arab-Israeli Conflict

The Arab-Israeli Conflict

This seminar traces the course of the Arab-Israeli conflict from the rise of Zionism, through the various Arab-Israeli wars, and up to the recent peace negotiations. Emphasis is on presenting the perspectives of all the parties to the Arab-Israeli conflict, and placing it in the context of the history of the Middle East as a whole.

credit hours: 3

HISM 3880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 3

HISM 3910 Special Topics in Middle Eastern History

Special Topics in Middle Eastern History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HISM 4880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 3

HISM 4910 Special Topics in Middle Eastern History

Special Topics in Middle Eastern History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HISM 6060 Seminar in the Modern Middle East and North Africa

Seminar in the Modern Middle East and North Africa

Readings and research on the society, economy, and politics of the Middle East and North Africa since the 16th century.

credit hours: 3

HISM 6110 Religion and Nationalism in the Modern Middle East

Religion and Nationalism in the Modern Middle East

This seminar concentrates on the crucial role that nationalism and religion played in the history of the Modern Middle East during the period between the late nineteenth century and the present day. It explores the general questions of how the "nation" came to dominate both political thought and political reality in the region and how various nationalist movements and ideologies have

imagined and constructed national identities. The seminar also critically considers how religions have contributed to and/or challenged these complex processes. Students will read secondary monographs on various Middle Eastern contexts and become familiar with key historical debates on nationalism and religion. The discussions will not only focus on the intellectual and political elites but we will also examine how non-elite individuals and groups influenced nation-building processes.

credit hours: 3

HISM 6210 Modern Turkey: Past and Present

Modern Turkey: Past and Present

This seminar introduces students to the past and present of modern Turkey. We will explore the complex processes of the disintegration of the Ottoman Empire in the aftermath of World War I, the formation of a secular, republican Turkish nation-state, and its dramatic socio-political transformation since the 1950s in response to domestic, regional, and international challenges. We will also discuss how religion has contributed to and/or challenged these processes and how these processes have affected ethno-religious minorities, gender, and class relations.

credit hours: 3

HISM 6310 The Ottoman Empire and Its Legacy in the Middle East

The Ottoman Empire and Its Legacy in the Middle East

This seminar is on the history of the late Ottoman Empire. It addresses the complex social and political transformations that the empire went through in the nineteenth- and twentieth centuries. Over the semester we will travel along the long arc of the late Ottoman history, observing the many overlapping identities that shaped it. More specifically, the subjects we will discuss include the changing relationship between the Ottoman state and society, ethno-national and religious conflicts, political revolutions and their far-reaching implications, women, Ottoman cities and the countryside. We will also examine the dynamics of the empire's disintegration into independent nation states in the aftermath of World War I and the legacy that the Ottomans left behind.

credit hours: 3

HISM 6410 State and Society in the Modern Middle East

State and Society in the Modern Middle East

This seminar addresses how the emergence of modern states in the Middle East reshaped various aspects of the region's politics, economy, social relations, and culture to create distinct adaptations to modernity. It provides an opportunity for in-depth exploration of the last two centuries of the Middle East through the formation of modern state institutions and practices. Temporally, the course moves from the late 1700s to the first half of the twentieth century. Geographically, the area includes the region from Egypt to Iran, the Balkans to Arabia and Eastern Anatolia, in short, those regions under the dominion of the Ottoman and Qajar Empires and successive nation states.

credit hours: 3

HISM 6910 Special Topics in Middle Eastern History

Special Topics in Middle Eastern History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For special offering, see the Schedule of Classes.

credit hours: 3

HIST 1500 First Year Seminar: Special Topics

First Year Seminar: Special Topics

First year seminars provide special opportunities for first year students to dig deep into a special topic and work closely with a faculty member. These courses emphasize class discussion, writing, and student-faculty engagement.

credit hours: 3

HIST 1520 Pain and Torture through History

Pain and Torture through History

A seminar course for first year students designed to introduce college level reading, discussion and writing. The UN Convention against Torture and Other Cruel and Inhuman or Degrading Treatment or Punishment in 1987 unequivocally banned the use of torture. Nevertheless torture still occurs, even in the 130 countries that ratified the agreement. There is a great deal of controversy about what constitutes torture and some claim that it is justified in special situations like the War on Terror. This course will examine the goals and methods of torture through history, as it moved from a focus of inflicting pain to the use of psychological torture and sensory deprivation. We will explore how to study pain in history - does pain exist as an entity; unravel the changing relationships between the state, law, and torture; look at the torturers themselves - who they are, how they learn the techniques, and the effects on them. We will also consider what it says about us when we pursue "enhanced" quasi-torture interrogation techniques. First Year Students Only.

Pre-requisites: First year students only

credit hours: 3

HIST 1750 Disasters in History

Disasters in History

Disasters have taken many forms in human history, from earthquakes, fires, tsunamis and hurricanes to famine and epidemic disease. Nor should we forget manmade tragedies such as the terrorist attacks on 9/11 or the devastation produced by a combination of human and technological failures, such as the explosions at Chernobyl and Bhopal or the more recent BP oil spill just off of our own coast. Disasters are an important focus for historical inquiry for quite varied reasons. This is a unique course. It will be team-taught by 12 professors. Each professor will teach a 1-week unit on a historical disaster related to their area of specialization. In addition to an excellent learning experience, you will get to sample the teaching of more than half of the faculty members in the History Department.

credit hours: 3

HIST 1760 Eating and Drinking in History

Eating and Drinking in History

Eating and Drinking are part of our everyday lives and experiences, and in that respect, these processes can seem natural and a historical. However, if we stop and think about it, the politics, economics, and culture of food production and consumption have shaped communities and cultures in specific, and often divergent, ways. In this course, we will take the overarching rubric of eating and drinking; to explore the multiple ways in which studying food can illuminate our understanding of the past. This course will include units on food, war, and hunger; commodity chains and trade; cultural relationships with alcohol; and labor and food production in the pre-industrial, industrial and post-industrial era. This is a team taught class taught by the History faculty. Each professor will teach a 1-week unit on eating and drinking related to their area of specialization.

credit hours: 3

HIST 1910 Special Topics in History

Special Topics in History

"Courses offered by visiting professors or permanent faculty. For description, consult the department. Notes: For special offering, see the Schedule of Classes."

credit hours: 3

HIST 2910 Special Topics in History

Special Topics in History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HIST 3210 Visual History and Filmmaking

Visual History and Filmmaking

In this course students will explore the relationship between history and documentary filmmaking through parallel practices: the critical analysis of historical documentaries and the creation of short historical documentaries as members of small production teams. We will explore questions of narrative form, visual and aural evidence, expertise and authority, and the ethics of representation. Collaboration will also be a central theme of this course since students will have to work together to determine their research subject, carry out research, shoot video, and edit together the final cut.

credit hours: 3

HIST 3910 Special Topics in History

Special Topics in History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HIST 4004 Markets, Money, and Trade in Pre-Industrial Economies

Markets, Money, and Trade in Pre-Industrial Economies

This course takes a comparative approach to major issues in the economies of imperial Rome, and the Early Modern European overseas empires. The topics include an introduction to the main features of these two pre-industrial macro-economies, and then a series of topics that are of interest to both students of history and business majors. Students will also gain knowledge of the sources and historical methods for the study of these economies, many of which differ from those of the modern era. Stress is on analysis and writing, and so the ability of a student to assimilate and synthesize data into coherent essays.

credit hours: 3

HIST 4560 Internship and Independent Study

Internship and Independent Study

Students will complete a 60-70 hour internship with a community partner. In addition, the student will work with a faculty member in the History Department who will advise the student and provide pertinent academic course work to complement the student's experiential learning. Pre-requisites: Approval of instructor.

Notes: Only one internship may be completed per semester. A maximum of six credits may be earned in one or two courses.

Pre-requisites: Approval of instructor and department.

credit hours: 3

HIST 4570 Internship and Public History Seminar

Internship and Public History Seminar

"What is public history? What do public historians "do"? What does history look like outside of the classroom? What are the public debates about the telling of history, and what are the consequences? This is a hands-on course which requires both an internship and seminar participation. Students will have an internship with a community partner and intern for 60-70 hours for the course of the semester. In addition, we will have regular seminar meetings as well as guest lectures and field trips. This course does have a Co-Requisite for service learning -- it is SRVC 4890.

"

Notes: Only one internship may be completed per semester. A maximum of six credits may be earned in one or two courses.

Pre-requisites: Approval of instructor and department.

Co-requisites: Co-Requisite for service learning -- it is SRVC 4890

credit hours: 4

HIST 4920 Independent Studies

Independent Studies

Qualified students may arrange for independent study with approval of an instructor (dependent upon area of study) and their faculty adviser. Details of each student's program will vary, but all will involve some combination of readings, oral reports, and written work.

Notes: Only one course of 4910 or 4920 is accepted toward a major in history.

Pre-requisites: Departmental approval.

credit hours: 1-4

HIST 5110 Capstone

Capstone

Notes: The capstone requirement will be satisfied by an approved 6000-level seminar class (see department for a list of approved courses) when the student also co-registers with HIST 5110.

credit hours: 0

HIST 6910 Special Topics in History

Special Topics in History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HIST H4990 Honors Thesis

Honors Thesis

Intensive reading, research, and writing in a selected field of history. Students should discuss

their honors thesis with a prospective director during the semester prior to that in which they take H4990.

Notes: For senior honors candidates.

credit hours: 3

HIST H5000 Honors Thesis

Honors Thesis

Intensive reading, research, and writing in a selected field of history. Students should discuss their honors thesis with a prospective director during the semester prior to that in which they take H4990.

Notes: For senior honors candidates.

credit hours: 3

HISU 1410 The United States from Colonization to 1865

The United States from Colonization to 1865

An analysis of the major forces and events that shaped American history from its beginnings through the Civil War.

Notes: Not open to senior history majors.

credit hours: 3

HISU 1420 The United States from 1865 to the Present

The United States from 1865 to the Present

An analysis of the forces and events that shaped American history from the Civil War to the present.

Notes: Not open to senior history majors.

credit hours: 3

HISU 1500 First Year Seminar: Special Topics

First Year Seminar: Special Topics

First year seminars provide special opportunities for first year students to dig deep into a special topic and work closely with a faculty member. These courses emphasize class discussion, writing, and student-faculty engagement.

credit hours: 3

HISU 1800 Early New Orleans

Early New Orleans

This course explores the history of New Orleans during the colonial and early national periods, when the city was a crossroads of the Atlantic World that linked Africa, the Americas, and Europe. It locates the city's past in a transnational Atlantic context that reaches back to the fifteenth century and concludes with the emergence of New Orleans as a major American city in the early nineteenth century.

credit hours: 3

HISU 1910 Special Topics in United States History

Special Topics in United States History

"Courses offered by visiting professors or permanent faculty. For description, consult the department. Notes: For special offering, see the Schedule of Classes."

credit hours: 3

HISU 2100 History of Medicine in the United States

History of Medicine in the United States

Students in this course will study the social dimensions of medicine, disease, and health in U.S. history. We will examine how ordinary people were affected by pandemics, advances in medical technologies, and changing ideas about health care. Students will consider how ideas about medicine have been shaped by economic, military, political, and social transformations in U.S. history.

credit hours: 3

[HISU 2200 The History of the Digital Revolution, from Ada to Zuckerberg](#)

The History of the Digital Revolution, from Ada to Zuckerberg

This course will explore the history of the digital revolution from the 1830s to the present. It will begin with Ada Lovelace and the conception of a general-purpose computer, and it will culminate with the creation of social networks and the sharing economy. Special attention will be paid to the three great inventions that combined to create the digital age: the computer, the microchip, and the internet. The themes will include the importance of collaboration in innovation, the need to connect the humanities and the sciences, and how networked digital technology disrupts traditional hierarchies. In that context, we will look at what makes a successful digital business.

credit hours: 3

[HISU 2400 Women and Gender in U.S. History to 1865](#)

Women and Gender in U.S. History to 1865

"This course introduces students to the history of women in North America from 1400 to 1865.

Over the course of the semester, we will examine how women were affected by and also influenced historical change. We will consider whether key events and issues, including European colonization, the American Revolution, slavery, and the Civil War look differently when we integrate women into the historical narrative. We will study how women's interactions with work, religious practices, and family life were influenced by race, class and ethnicity. One of the guiding questions of the course will be: how has gender-understood as the meanings attached to being male and female-changed over time?"

credit hours: 3

[HISU 2410 Women and Gender in U.S. History Since 1861](#)

Women and Gender in U.S. History Since 1861

This course examines U.S. history from 1861 to the present using the history of women and gender as the primary analysis. This course will be framed around a consideration of how the history of women intersects with ideas about human rights. We will explore how transformations in American laws, politics, customs, economic and military policies affected and were influenced by women. We will also consider how race, class, region, ethnicity, and age facilitated or prevented women from being able to exercise the full rights and obligations of citizenship.

credit hours: 3

[HISU 2480 Louisiana History](#)

Louisiana History

A survey of the history of Louisiana from its settlement to the present.

credit hours: 3

[HISU 2510 Atlantic World 1450-1800](#)

Atlantic World 1450-1800

The Atlantic world has emerged as an important field in early modern western history in the past

ten years. It is now especially important for students of United States history to have an opportunity to become familiar with the transnational origins of the nation that are rooted in the Atlantic context. Atlantic world history does not replace traditional colonial history, but is now a necessary complement to it.

credit hours: 3

HISU 2520 Early America to 1800

Early America to 1800

This course surveys the development of the North American mainland before 1800 with focus on the thirteen British colonies in mainland North America that chose to declare their independence in 1776, and attention to the broader continental and Atlantic contexts in which they were embedded, including colonial Louisiana.

credit hours: 3

HISU 2600 The History of Early American Law

The History of Early American Law

The major developments in American legal history from the colonial settlements to the Civil War with primary emphasis on the period 1776-1865.

credit hours: 3

HISU 2610 The Old South

The Old South

Economic, cultural and political history of the South from the settlement of Jamestown through the Civil War. Emphasis is on those factors that made the South a unique section of the nation.

credit hours: 3

HISU 2620 The New South, 1865-Present

The New South, 1865-Present

An examination of the economic, political, cultural, and intellectual forces that have shaped the American South since the Civil War. Central themes include the rise of sharecropping and tenancy, the struggle for civil rights, the emergence of two-party politics, and the metamorphosis of popular values and social norms triggered by the events of the 1960s. The course will explore the paradox of continued self-conscious regional identity in the face of constant internal change.

credit hours: 3

HISU 2630 US Foreign Relations Before World War II

US Foreign Relations Before World War II

This course will investigate the history of U.S. foreign relations from the early republic until World War II. The class will span more than a century and students will be asked to consider the economic and ideological objectives embedded in U.S. foreign relations and the growth of the United States as a world power. Topics will include: the Mexican-American war, westward expansion, U.S.-Hawaii relations, the War of 1898, U.S. interventions in the Caribbean, late 19th and early 20th century immigration, World War I, and World War II. In addition, this course will consider representations of the world in domestic culture by examining the histories of world fairs, tourism, travel literature, and missionaries.

credit hours: 3

HISU 2640 US Foreign Relations Since 1945

US Foreign Relations Since 1945

Foreign relations is front page news every day: the ongoing wars in Iraq and Afghanistan, the

threat of terrorism and nuclear proliferation, rising food and oil prices, global warming, debates over human rights practices, and even the Olympics. Although each of these topics has strong contemporary resonance, the United States role in the world has a long and complex history. In this course, we will study US foreign relations from the end of World War II through the present. The course will define US foreign relations broadly and include diplomatic policy makers, military interventions, economic policy, and non-state actors engaged in international relations. Students will learn to analyze opposing historical interpretations, evaluate primary sources, ask analytic questions, and develop arguments.

credit hours: 3

HISU 2650 US Immigration History

US Immigration History

In this class students will gain a solid foundation in mid-19th and 20th century immigration in the United States and grapple with the following themes: immigrant community formation, the interplay between immigration and American labor, the changing immigration law, the intersection of immigration and U.S. racial formations, and the prominence of immigrant narratives in American culture. The course will also ask that students grapple with contemporary problems and recognize the historic antecedents and struggles behind today's current events."

credit hours: 3

HISU 2680 Working in America: Reconstruction to the 21st Century

Working in America: Reconstruction to the 21st Century

In this class, students will gain a solid foundation in mid-19th and 20th century labor history and grapple with the following themes: the rise of corporate capitalism, the development of a labor movement, agricultural, industrial, and service economies, the interplay between immigration and American labor, the decline of labor protections, and the emergence of the 'gig' economy. The course will also ask that students grapple with contemporary problems and recognize the historic antecedents and struggles behind today's current events.

credit hours: 3

HISU 2690 African-American Slavery

African-American Slavery

A survey of the history of people of African descent in the United States from the 17th century to the end of the Civil War. The course will explore the development of a distinct African-American experience within the context of colonial North America and the early United States. Emphasis will be placed on understanding the origins and nature of slavery not simply as a system of forced labor, but as a system of unique cultural relationships.

credit hours: 3

HISU 2700 African-American Freedom

African-American Freedom

This course surveys the history of people of African descent in the United States from the end of the Civil War until the late twentieth century. A central theme of the course will be the varying ways in which African-Americans sought, both successfully and unsuccessfully, to achieve political, social, and economic freedom in the wake of emancipation.

credit hours: 3

HISU 3100 New Orleans and Senegal, 1400-present

New Orleans and Senegal, 1400-present

This course explores the connected and comparative histories and cultures of New Orleans and Senegal. The two were both founded as French colonies. They share histories, cultural traditions, and, by virtue of their geographic location at the edge of threatened estuarian landscapes, a common challenge to their future.

credit hours: 3

HISU 3120 New Orleans Free People of Color

New Orleans Free People of Color

This methods seminar examines the origins and experience of the large population of free people of color in New Orleans from 1718-1865. Although most Africans and African-descended inhabitants of New Orleans during this period were enslaved, many attained freedom or were born free. In 1800 fully 1/4 of the free people in New Orleans were free people of color. They joined militias, acquired property, ran business, and produced a vibrant body of literature.

Notes: Elective in Musical Cultures of the Gulf South and Africana Studies

credit hours: 3

HISU 3220 Autobiography and Southern Identity

Autobiography and Southern Identity

An interdepartmental seminar that employs autobiography to explore the relationship between regional culture and individual experience in the 20th-century American South. While recognizing the place of autobiography as a literary genre, the seminar will subordinate the concerns of critical theory to the more immediate task of evaluating the strengths and limitations of autobiographical testimony as a form of historical evidence. Class members will read and discuss one book-length autobiography each week.

credit hours: 3

HISU 3300 Katrina and Popular Memory

Katrina and Popular Memory

This reading seminar will explore the impact of Hurricane Katrina on New Orleans through the lens of popular memory. Readings will be drawn primarily from first-hand accounts of the storm. These memoirs, personal narratives, and biographies can enrich our understanding of human experience and social issues and provide insights into the larger social, economic, and cultural forces that shaped how individuals experienced the tragedy. We will also consider how individuals experienced those forces differently depending on such factors as race, gender, and class. Through careful readings of the texts, we will examine the extent to which the speakers live. We will also consider the use of first-hand accounts as historical sources and the benefits and pitfalls inherent in these sources. Other readings explore how Katrina was and continues to be understood collectively.

Notes: An elective in Environmental Studies

credit hours: 3

HISU 3360 Slavery in Public History and Public Memory

Slavery in Public History and Public Memory

This course will explore the history and public memory of slavery and the slave trade in New Orleans and southern Louisiana, as well as regions of North American. Some attention will also be paid to the Atlantic slave trade and areas of the Caribbean and Latin America which shared the history of black enslavement. The focus here will be on major themes in slavery history and memory and the challenge of studying and portraying those themes in various public history venues in the present day. The course will also address debates about reparations for slavery and other contemporary public policy questions related to the history of black enslavement. The Service Learning component of the course, when offered, will involve working with local public history agencies in the preparation and presentation of slavery-related materials at their individual venues.

credit hours: 3

HISU 3440 African-American Religious History

African-American Religious History

This course surveys the history of African-American religious institutions, leaders, and beliefs from slavery to the present. The course examines the diversity of African-American religious expressions within the larger context of black social and political life. Topics include the transmission of African culture to the New World, slave religion, independent black churches, race relations, black nationalism, as well as gender and class, social reform and everyday resistance.

credit hours: 3

HISU 3541 History of Reproductive Health in the U.S.

History of Reproductive Health in the U.S.

This course will explore the history of reproductive health in the United States from the seventeenth century to the present. Students will read scholarly books and articles, memoirs, and films about Americans' encounters with gynecology, midwifery and obstetrics, birth control devices, abortion, and reproductive technologies. Additionally, students will have opportunities to engage with guest lecturers who study reproductive health issues in the United States and around the world. Students will learn about the history of voluntary and coercive sterilization programs, the history of gynecological and obstetrical care, legal and illegal birth control and abortion practices, and the mobilization of the anti-abortion and pro-choice movements.

Notes: Elective in GESS

credit hours: 3

HISU 3642 US War in Vietnam

US War in Vietnam

Although in the United States, the US conflict in Vietnam is most commonly referred to as the Vietnam War, in Vietnam, it is known as the American War. In this class, we will study the history of the war in Vietnam and the United States through primary sources and US historians' debates over the Cold War and decolonization. We will be reading works by both US and Vietnamese authors, including policy makers, military personnel, anti-war activists, and immigrants. In addition, students will learn to analyze opposing historical interpretations, evaluate primary sources, ask analytic questions, and develop arguments.

credit hours: 3

HISU 3910 Special Topics in United States History

Special Topics in United States History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HISU 4430 History of American Religion

History of American Religion

This lecture course surveys the development of the many different religious traditions in the United States from the seventeenth through the twentieth centuries. The diverse origins of America's early settlers and the guarantees of religious freedom embedded in the Constitution encouraged the development in the United States of the most religiously diverse society in the Western world. We will explore that diversity and also seek commonalities between religious movements and their impact on the larger society. In such a survey, the emphasis will necessarily be on those formal religious movements that have made a major impact on American culture, but the importance of less mainline groups and popular belief will also be discussed. The course is non-denominational, non-creedal, and taught as cultural/intellectual/social history.

credit hours: 3

HISU 4560 The Civil War and Reconstruction

The Civil War and Reconstruction

The course treats military, political and economic developments during the American Civil War, and examines the postwar consequences of emancipation for Southern and American history.

credit hours: 3

HISU 4580 Slavery and Freedom in the Antebellum South

Slavery and Freedom in the Antebellum South

The course surveys the colonial origins of American racial attitudes; African adaptations to bondage; the historical evolution of plantation slavery as a social institution, labor system, and method of racial control; the nature of white antislavery sentiment; the content and meaning of proslavery ideology; and the status of free blacks in slave society.

credit hours: 3

HISU 4694 Creation of Jazz in New Orleans

Creation of Jazz in New Orleans

This course explores the cultural dynamics associated with the origins of jazz in New Orleans and related historiography.

credit hours: 3

HISU 4880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

HISU 4910 Special Topics in United States History

Special Topics in United States History

Courses offered by visiting professors or permanent faculty. For description, consult the

department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

HISU 6260 New Directions in Women's History

New Directions in Women's History

Until recently, most historians paid little attention to social relationships, race, or to the experiences of the poor. Beginning in the 1960s, scholars began to question the assumption that rituals, customs, and social practices were fixed or experienced the same by everyone. By inserting women into their analysis of U.S. history, historians quickly determined that our understanding of key historical events, economic change, and social customs was incomplete and often failed to capture the lived experiences of most Americans. Historians of women and gender have reimagined the ways we might think about the past, causing us to reconsider assumptions about labor, sex, and politics. In this course, you join the enterprise committed to enlarging our sense of what it has meant to live in or engage with the United States by investigating the experiences of women and men.

credit hours: 3

HISU 6420 American Revolutions

American Revolutions

The American War of Independence was one of many revolutionary movements that rocked the Atlantic world between 1760 and the 1820s. This course familiarizes students with the major interpretations of the American revolution and situates it within the larger spasm of freedom struggles that characterized the period, including Caribbean slave rebellions and the Latin American wars of independence.

credit hours: 3

HISU 6510 Recent U.S. from 1945 to the Present

Recent U.S. from 1945 to the Present

U.S. domestic history and role in world affairs from 1945 to the present. Topics include the Cold War at home; the Vietnam War; politics and protest in the turbulent 60's; the civil rights and women's movements; and the presidency from Truman to Clinton.

credit hours: 3

HISU 6540 African-American Culture

African-American Culture

An exploration of the formation of distinctive African-American cultural forms in the United States from the years of African enslavement up to the present day. The course will embrace a broad definition of culture to include religion and other community institutions, folklore and folk belief, various leisure activities as well as more obvious cultural manifestations such as music and the arts.

credit hours: 3

HISU 6560 Rise and Fall of the Plantation South

Rise and Fall of the Plantation South

This reading and research seminar will explore major topics in the social, cultural, economic, and political history of the plantation South. The course will begin with the origins of the plantation system in the colonial era to its eventual decline in the 20th century. We will consider regional variations tied to the production of export crops including tobacco, rice, cotton, and sugar. Major

themes will include issues of race and class, changing labor systems, comparative history, and the impact of the planting system on the region's history.

credit hours: 3

HISU 6590 Rise and Fall of the Plantation South

Rise and Fall of the Plantation South

This reading and research seminar will explore major topics in social, cultural, economic, and political history of the plantation South. The course will begin with the origins of the plantation system in the colonial era to its eventual decline in the 20th century. We will consider regional variations tied to the production of export crops including tobacco, rice, cotton, and sugar. Major themes will include issues of race and class, changing labor systems, comparative history, and the impact of the planting system on the region's history. Also counts as capstone.

credit hours: 3

HISU 6630 US Labor and Migration

US Labor and Migration

This course is an advanced seminar on the relationships between labor, capital, and migrant populations to (and within) the United States in the twentieth century. Globalization and migration are not new phenomenon. This course will begin in the late nineteenth century and explore the role of labor, industrial capitalism, and markets in the early twentieth century. It will challenge students to recognize the antecedents to today's immigration debates and consider continuities as well as changes in the US economy.

Notes: Capstone in History.

credit hours: 3

HISU 6750 Africans in the Americas: Comparative Social and Cultural History of the African Diaspora

Africans in the Americas: Comparative Social and Cultural History of the African Diaspora

This seminar will explore the dispersion and fate of African peoples and their descendants in the United States, the Caribbean, and Central and South America with a view to developing an understanding of African-American culture as a diverse regional phenomenon rather than one confined to the United States.

credit hours: 3

HISU 6840 US Empire

US Empire

What is an empire, who defines it, and does the United States have one? This class will begin by studying sites of formal US control of overseas territories, namely Cuba, Puerto Rico, and the Philippines. It will then consider definitions of economic and cultural empire, particularly after the end of World War II. The course aims to provide students with several case studies in the early twentieth century and to ask students to ponder their legacies in the present.

Notes: Capstone in History.

credit hours: 3

HISU 6850 United States-Latin American Relations

United States-Latin American Relations

Traces the diplomatic, economic, and cultural relations between the United States and Latin America from the American Revolution to the present. This course seeks to demonstrate the interrelated roles of diplomacy, commerce, and inter-American cultural relations throughout the

19th and 20th centuries.

credit hours: 3

HISU 6910 Special Topics in United States History

Special Topics in United States History

Courses offered by visiting professors or permanent faculty. For description, consult the department.

Notes: For special offering, see the Schedule of Classes.

credit hours: 3

HISU 7450 Seminar in American Political History

Seminar in American Political History

credit hours: 3

HISU 7550 Seminar in the Cultural History of the United States

Seminar in the Cultural History of the United States

credit hours: 3

HISU 7610 Seminar on the Comparative History of the Americas

Seminar on the Comparative History of the Americas

credit hours: 3

HISU 7620 Atlantic World Historiography

Atlantic World Historiography

This pro-seminar offers a comprehensive exploration of the scholarship on the Atlantic world and is designed to expose graduate students to the major currents, themes and problems in the field.

credit hours: 3

IDEV 3200 Approaches to Sustainable Development

Approaches to Sustainable Development

This course gives insight into how to make development more sustainable, durable, compatible with nature, the needs of current and future generations, and, in particular, the essential needs of the world's poor. Keeping in mind that the definition of sustainability is heavily dependent on local contexts and concerns, the course provides several approaches to understanding sustainable development. These include: governance at global, national, and local levels, the resource curse hypothesis, sustainable and durable peace, international aid and debt structures, and a gender lens. The assignments take the students through a process of developing a policy for a current problem in a developing country of their choice.

Pre-requisites: IDEV 1010 and ECON 1020

credit hours: 3

IDEV 4340 Law, Sustainability & Development

Law, Sustainability & Development

This course asks students to explore three central questions: (1) how can and does law promote - or hinder -- sustainable development; (2) to what extent are national development goals at odds with sustainability goals and (3) can sustainable development law and regulation promote a more just, equitable society? The method consists of a blend of traditional lecture guided by assigned readings and a series of highly inter-active, team-based exercises that seek to have students engage with the three central questions raised in the course.

Pre-requisites: IDEV 1010 & IDEV 3200

credit hours: 3

IDEV 4560 Internship

Internship

With the approval from the International Development Studies Program and the Center for Public Service, students can gain unique practical experiences and earn credit by engaging in a service-learning internship course. The internship program provides students the opportunity to bridge academic learning with service in the community. Internships foster professional development, promote practical application of knowledge acquired in the classroom, and encourage civic engagement. This course requires motivation, passion, and enthusiasm.

Pre-requisites: Must also register for SRVC 4890

credit hours: 3

IDEV 4561 Environment and Development

Environment and Development

Developing countries face serious environmental challenges. Resource exploitation, rapid industrialization, disadvantageous trade and labor abuses are some of the potential consequences of unbalanced and non-sustainable development. Sustainable human development ensures that environmental stewardship accompanies concomitant progress in economic growth, responsive governance, social justice and healthy of the population. Sustainable development implies that resources are used widely, industrialization occurs without uncontrolled pollution and labor is engaged in production and trade practices that avoid exploitation. Global and local environmental problems and their root causes are discussed. Potential avoidance and mitigation measures are presented which may be implemented to guide a developing economy toward responsible and sustainable development.

Pre-requisites: ECON 1020, IDEV 1010, and IDEV 3200

credit hours: 3

IDEV 4910 Independent Study

Independent Study

Open to upper-level students with approval of instructor.

credit hours: 1-3

IDEV 4920 Independent Study

Independent Study

Open to upper-level students with approval of instructor.

credit hours: 3

IDEV 4950 Special Topics

Special Topics

Courses offered by visiting professors or permanent faculty. For specific offering, see the Schedule of Classes. For escription, consult the department.

credit hours: 3

IDEV 6670 International Political and Economic Relations

International Political and Economic Relations

In this new millennium of rapid change, globalization, and the privatization of international development, we seek to understand how political activity intersects with economic activity and how that nexus impacts the Global South. While the course title reads international political

economy, we should acknowledge that global might be a more appropriate term, thereby including increasingly important non-state actors. Students use the concepts and theories of global political economy to analyze aid, trade, investment, development policy, monetary relations, and regional integration in order to understand how the world has worked in the past, is working now, and is likely to work in the future.

Pre-requisites: ECON 1020, IDEV 1010, and IDEV 3200

credit hours: 3

IDEV 6680 Development Theories and Strategies since 1945

Development Theories and Strategies since 1945

The purpose of this course is to gain an in-depth understanding of the process of development since the end of World War II – what beliefs underlay various approaches, what structures and events influenced those beliefs, how governments and institutions responded, and how differing approaches have succeeded or failed. The following themes are examined decade by decade since the 1950s: development theories and strategies, international context for development, donor policy, development performance and trends. This is done on a global and regional scale, as well as through the prism of target developing countries selected by the students.

Pre-requisites: ECON 1020, IDEV 1010, and IDEV 3200

credit hours: 3

PSDV 2400 Introduction to Development

Introduction to Development

This course introduces students to the notion and history of “international development” and examines the different theories and strategies of development that have evolved in the last seventy years. We address the many challenges that the global community is facing in its efforts to reduce poverty in an equitable and sustainable manner. We then tackle varied thematic issues and goals of development such as understanding multifaceted poverty, improving health and education outcomes, and building sustainable cities, which provide students with opportunities to apply the theories under study along with exploring possible solutions.

credit hours: 3

PSDV 4300 Identity and Development

Identity and Development

A principal concern of many development theorists and practitioners today is the need to recognize differences. That means, fundamentally, respecting differences in identity and how one’s identity or identities, such as gender, ethnicity, family structure, national origin, political affiliation, race, and religion play out in daily practice. The first section of the course provides historical and theoretical context for current discussions of identity as they relate to, affect and shape current international development theory and practice. The second section of the course examines cross-cutting issues where identity concerns intersect, with an emphasis on current trends and challenges, such as migration, violence, and urban change.

Pre-requisites: ECON 1020, IDEV 1010, and IDEV 3200

credit hours: 3

PSDV 4320 Migrants, Refugees and Development

Migrants, Refugees and Development

This course provides students with the opportunity to consider the implications of global population movements – 244 million in 2016, exclusive of internal migrants – and the events they reflect. We examine internal and external migration flows, their political, economic, social, cultural, and environmental causes and consequences. Moreover, we consider whether migrants may be an engine of development, a hindrance, or both. Success stories of migrant integration, upward mobility and thriving businesses go alongside with tales of discrimination, crowded slums and refugee camps where disease is rampant, education is scarce, and youth widen the ranks of the unemployed and revert to crime as a way of living and violence as a means of surviving. Based on migration theories and case studies, this course aims at understanding these patterns and exploring how the pace of migration may be slowed and conditions improved in order for migrant populations to better integrate their new societies and become positive agents of change.

Pre-requisites: IDEV 1010, ECON 1020, IDEV 3200
credit hours: 3

PSDV 4330 Post-Conflict Development: Transitional Justice

Post-Conflict Development: Transitional Justice

The main objective of this course is to help students understand post-conflict development, in particular the rebalancing of unequal power relations through restorative and retributive justice. Determining the appropriate response to atrocities of gruesome scale, such as genocide and crimes against humanity, is one of the most difficult tasks scholars and policymakers have had to grapple within societies transitioning from conflict. Several case studies and a variety of transitional justice mechanisms are covered in the course, including truth and reconciliation commissions, reparations, ad-hoc criminal tribunals, the International Criminal Court, hybrid courts and domestic courts. The course ends by exposing tensions between the aim of justice and other crucial aims in post-conflict societies, including lasting peace, reconciliation, nation-building, poverty elimination, and gender and refugee issues, in order to familiarize students with the complexities of political development.

Pre-requisites: Must have taken at least one 3000 level course
credit hours: 3

PSDV 4900 Leadership and Management for Development

Leadership and Management for Development

"Leadership and Management for Development is a course designed for students who seek careers in International Development, working for international or non-governmental organizations, in the public or private sector, or aiming at starting their own social enterprise. Using a variety of case studies including recent economic and human development projects in Africa, Asia, Latin America and the United States, we explore the challenges of effective decision-making, policy formulation and implementation, as well as monitoring and evaluation, in the context of real world social, political, and financial constraints that regularly arise. Students are introduced to a strategic planning conceptual framework, which they use to create a sound and sustainable development project in the location and under an organization of their choice.

Pre-requisites: IDEV 1010, ECON 1020, IDEV 3200
credit hours: 3

ITAL 1010 Elementary Italian I

Elementary Italian I

Development of the skills of speaking, listening, reading, and writing Italian both in the classroom and through audio work.

credit hours: 4

ITAL 1020 Elementary Italian II

Elementary Italian II

A continuation of the objectives presented in Italian I.

credit hours: 4

ITAL 1030 Elementary Italian for Romance Language Students I

Elementary Italian for Romance Language Students I

Same material as ITAL 1010 but designed for students whose previous knowledge of another Romance language or Latin enables them to grasp the principles of Italian grammar and Italian vocabulary more efficiently. Development of the skills of speaking, understanding, reading, and writing Italian, both in the classroom and the language laboratory.

credit hours: 4

ITAL 1040 Elementary Italian for Romance Language Students II

Elementary Italian for Romance Language Students II

A continuation of the objectives of Italian for Romance Language Students I, with special emphasis on reading.

Notes: Same material as ITAL 1020.

Pre-requisites: ITAL 1010 or 1030.

credit hours: 4

ITAL 2030 Intermediate Italian

Intermediate Italian

A complete second-year course. Intensive grammar review with readings from standard Italian texts. Comprehension and conversational skills are stressed. Written expression also emphasized.

credit hours: 4

ITAL 2040 Intermediate Italian for Romance Language Students

Intermediate Italian for Romance Language Students

A complete second-year course, covering the same material as ITAL 2030, but designed for students whose previous knowledge of another Romance language or Latin enables them to grasp the principles of Italian grammar and Italian vocabulary more efficiently. Intensive grammar review with readings from standard Italian texts. Comprehension and conversational skills are stressed. Written expression also emphasized.

Pre-requisites: ITAL 1020 or 1040.

credit hours: 3

ITAL 3000 Introduction to Italian Literature

Introduction to Italian Literature

An introduction to Italian literature, including readings from Dante, Petrarch, Boccaccio, Poliziano, Machiavelli, Ariosto, Castiglione, Goldoni, Manzoni, Pirandello, Calvino, among others.

Notes: Taught in Italian.

Pre-requisites: ITAL 3130 or approval of department.

credit hours: 3

ITAL 3130 Advanced Conversation and Composition

Advanced Conversation and Composition

The course aims primarily at perfecting the student's speaking and writing ability. Articles taken from newspapers, periodicals, the Internet, etc., serve as a basis for discussion and familiarize students with contemporary Italy. The course presupposes a solid grammatical foundation and any grammar review is given only on an individual basis.

Pre-requisites: ITAL 2030 or equivalent.

credit hours: 3

ITAL 3200 Italian for Business

Italian for Business

Italian for Business is a communicative course designed for students who wish to be prepared in professional areas related to international trade and organizations. It focuses on vocabulary, topics, and cultural aspects specific to an Italian-speaking professional environment. It reinforces the skills of listening, speaking, reading, and writing through the practice of simulated professional situations. The first part of the course will place more emphasis on the practice of communicative activities pertaining to professional functions. The second part of the course will place more emphasis on the student's understanding of company structures and operations.

Taught in Italian. Prerequisite: Intermediate Italian (ITAL-2030)

Notes: Tier 3 Elective in SLAMM

Pre-requisites: ITAL 2030

credit hours: 3

ITAL 3250 Italian Language and Culture

Italian Language and Culture

The course aims at improving the speaking and writing ability of students while familiarizing them with the development of Italian culture and history from the Middle Ages to the 21st century.

Students discuss historical events and answer questions using the grammar and idioms learned in the grammar review. Writing assignments are based on the historical and cultural component of the course.

Pre-requisites: ITAL 3130 or approval of department.

credit hours: 3

ITAL 3300 Topics in Italian Literature and Cinema

Topics in Italian Literature and Cinema

Subject varies with instructor. An introductory study of the major contributions of Italian literature to Western thought. The course emphasizes particularly those authors whose works have interdisciplinary ramifications, e.g. Dante, Petrarch, Machiavelli, Galileo, Pirandello, Calvino. The course may also focus on the history of Italian cinema or a special topic in Italian cinema, such as the silent era, neorealism, the work of a major director, and the relationship between literature and film.

Notes: May be repeated for credit provided that a different topic is covered. The course counts for Film Studies credit only when the focus is on cinema.

Pre-requisites: 3000-level Italian course or approval of instructor.

credit hours: 3

ITAL 3330 Italian Literature in Translation

Italian Literature in Translation

Subject varies with instructor. A study of the major contributions of Italian literature to Western thought. The course emphasizes particularly those authors whose works have interdisciplinary ramifications, e.g., Dante, Petrarch, Machiavelli, Galileo, Pirandello, Calvino. The course may also focus on the history of Italian cinema or a special topic in Italian cinema, such as the silent era, neorealism, the work of a major director, and the relationship between literature and film.

Notes: May be repeated for credit, provided that a different topic is covered. The course counts for FMST credit only when the focus is on cinema.

credit hours: 3

ITAL 4010 Topics in Origins and Masterpieces of 13th- and 14th-Century Italian Literature

Topics in Origins and Masterpieces of 13th- and 14th-Century Italian Literature

Topics may include St. Francis and early minor authors, Dante's Divine Comedy and early works, Boccaccio's Decameron and minor works, Petrarca's Canzoniere and minor works.

Notes: May be repeated for credit provided a different topic is covered.

Pre-requisites: 3000-level course.

credit hours: 3

ITAL 4020 Topics in Renaissance Literature

Topics in Renaissance Literature

Topics may include the literati of the Medici court, lyric poetry of the Petrarchisti, the drama, the epic poem, political and social treatises.

Notes: May be repeated for credit provided a different topic is covered.

Pre-requisites: 3000-level course.

credit hours: 3

ITAL 4030 Topics in 17th- and 18th-Century Italian Literature

Topics in 17th- and 18th-Century Italian Literature

Works of various literary and philosophical writers will be studied. Topics may include the effect of the Inquisition, the Petrarchan and Arcadian traditions, theater as social and political laboratory, Galileo, Bruno, Campanella, Marino, Vico, Metastasio, Gozzi, Goldoni, the beginnings of the Risorgimento in the works of such authors as Alfieri, Parini, and Foscolo.

Notes: May be repeated for credit provided a different topic is covered.

Pre-requisites: 3000-level course.

credit hours: 3

ITAL 4040 Topics in 19th- and 20th-Century Italian Literature

Topics in 19th- and 20th-Century Italian Literature

Topics may include Leopardi, Manzoni, Carducci, Verga, Pascoli, D'Annunzio, Pirandello, Calvino, Pasolini; the avant-garde; contemporary poetry, novel or drama; the history of Italian cinema and special topics in Italian cinema, such as the silent era, neorealism, the work of a major director, and the relationship between literature and film.

Notes: May be repeated for credit provided a different topic is covered.

Pre-requisites: 3000-level course.

credit hours: 3

ITAL 4440 Topics in Italian Literature and Cinema in Translation

Topics in Italian Literature and Cinema in Translation

Subject varies with instructor. An advanced study of the major contributions of Italian literature to

Western thought. The course emphasizes particularly those authors whose works have interdisciplinary ramifications, e.g. Dante, Petrarch, Machiavelli, Galileo, Pirandello, Calvino. The course may also focus on the history of Italian cinema or a special topic in Italian cinema, such as the silent era, neorealism, the work of a major director, and the relationship between literature and film. May be repeated for credit provided that a different topic is covered. Taught in English. Fulfills capstone requirement for FMST when the course is a film topic. For capstone credit, students should also register for FMST 5110 with 0 credits.

Notes: May be repeated for credit provided that a different topic is covered.

Pre-requisites: A literature or cinema course or approval of instructor.

credit hours: 3

ITAL 4560 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing. Registration is completed in the academic department sponsoring the internship on TUTOR.

Notes: Only one internship may be completed per semester. A maximum of three credits may be earned in two courses.

Pre-requisites: Approval of instructor and department.

credit hours: 1-2

ITAL 4570 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing. Registration is completed in the academic department sponsoring the internship on TUTOR.

Notes: Only one internship may be completed per semester. A maximum of three credits may be earned in two courses.

Pre-requisites: Approval of instructor and department.

credit hours: 1-2

ITAL 5110 Capstone

Capstone

Notes: Note: The capstone requirement will be satisfied by an approved upper level class (see department for a list of approved courses) when the student also co-registers with ITAL 5110.

credit hours: 0

ITAL 6040 Topics in 19th- and 20th-Century Italian Literature

Topics in 19th- and 20th-Century Italian Literature

See ITAL 4040 for description.

credit hours: 3

ITAL 6910 Special Problems in Italian Literature

Special Problems in Italian Literature

Subject varies. Principally reading and research.

credit hours: 3

ITAL H4990 Honors Thesis

Honors Thesis

Admission by department and Honors Committee approval.

credit hours: 3

ITAL H5000 Honors Thesis

Honors Thesis

Admission by department and Honors Committee approval.

credit hours: 3

ITST 2010 Introduction to Italian Studies I

Introduction to Italian Studies I

Year-long introduction to the central issues and underlying structure of Italian civilization.

Notes: ITST 201 is a prerequisite to ITST 202.

credit hours: 3

ITST 2020 Introduction to Italian Studies I

Introduction to Italian Studies I

Year-long introduction to the central issues and underlying structure of Italian civilization.

Pre-requisites: ITST 201.

credit hours: 3

ITST 2030 Introduction to Italian Studies II

Introduction to Italian Studies II

Year-long introduction to the central issues and underlying structure of Italian civilization.

Notes: TST 203 is a prerequisite to ITST 204.

credit hours: 3

ITST 2040 Introduction to Italian Studies II

Introduction to Italian Studies II

Year-long introduction to the central issues and underlying structure of Italian civilization.

Pre-requisites: TST 203.

credit hours: 3

ITST 3950 Special Topics in Italian Studies

Special Topics in Italian Studies

This course will cover special topics in Italian Studies offered by one of the cooperating departments in the Italian Studies program.

Notes: The course may be repeated for credit with a different topic.

credit hours: 3

ITST 3960 Special Topics in Italian Studies

Special Topics in Italian Studies

This course will cover special topics in Italian Studies offered by one of the cooperating departments in the Italian Studies program.

Notes: The course may be repeated for credit with a different topic.

credit hours: 3

ITST 4880 Writing Practicum

Writing Practicum

Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 3

ITST 4910 Independent Study

Independent Study

Notes: Open to students provided that the appropriate faculty director is available.

Pre-requisites: Approval of program director.

credit hours: 3

ITST 4920 Independent Study

Independent Study

Notes: Open to students provided that the appropriate faculty director is available.

Pre-requisites: Approval of program director.

credit hours: 3

ITST 4950 Special Topics in Italian Studies

Special Topics in Italian Studies

This course will cover special topics in Italian Studies offered by one of the cooperating departments in the Italian Studies program.

Notes: The course may be repeated for credit with a different topic.

credit hours: 3

ITST 4960 Special Topics in Italian Studies

Special Topics in Italian Studies

This course will cover special topics in Italian Studies offered by one of the cooperating departments in the Italian Studies program.

Notes: The course may be repeated for credit with a different topic.

credit hours: 3

ITST 6510 Seminar in Italian Studies

Seminar in Italian Studies

A seminar in methodology. Students present proposals for their senior thesis and receive responses from the faculty of the program.

credit hours: 3

ITST H4990 Honors Thesis

Honors Thesis

Notes: Admission by approval of the program director and the honors committee.

credit hours: 3

ITST H5000 Honors Thesis

Honors Thesis

Notes: Admission by approval of the program director and the honors committee.

credit hours: 3

ASTJ 1010 Beginning Japanese I

Beginning Japanese I

Emphasizes conversational Japanese. Includes study of basic grammar and introduction of hiragana, and katakana.

credit hours: 4

ASTJ 1020 Beginning Japanese II

Beginning Japanese II

Emphasizes conversational Japanese based on text in hiragana, katakana, kanji. Includes study of complex grammar and introduction of approximately 100 kanji.

Pre-requisites: ASTJ 1010 or equivalent.

credit hours: 4

ASTJ 2030 Intermediate Japanese I

Intermediate Japanese I

Conversation, reading, and writing based on text in hiragana, katakana and kanji. Continuation of study of complex grammar and introduction of approximately 100 additional kanji.

Pre-requisites: ASTJ 1020 or equivalent.

credit hours: 4

ASTJ 2040 Intermediate Japanese II

Intermediate Japanese II

Conversation, reading, and writing based on text in hiragana, katakana, and kanji. Continuation of study of complex grammar and introduction of approximately 150 additional kanji.

Pre-requisites: ASTJ 2030 or equivalent.

credit hours: 4

ASTJ 3050 Advanced Japanese I: Speaking and Listening

Advanced Japanese I: Speaking and Listening

Development of conversational, reading and writing skills in Japanese.

Pre-requisites: ASTJ 2040 or equivalent.

credit hours: 3

ASTJ 3060 Advanced Japanese II: Reading and Writing

Advanced Japanese II: Reading and Writing

A continuation of objectives in ASTJ 3010, intended to provide an advanced level of skills in Japanese.

Pre-requisites: ASTJ 3010 or equivalent.

credit hours: 3

ASTJ 4060 Advanced Japanese Composition and Presentation

Advanced Japanese Composition and Presentation

This is a fourth-year advanced Japanese composition and presentation course that will help students develop their vocabulary, writing, and oral presentation skills. The students will learn about effective communication strategies in different types of linguistic situations. The course will also expose students to various aspects of Japanese culture and society. Prerequisite:

ASTJ3051 or equivalent.

Pre-requisites: ASTJ3051 or equivalent

credit hours: 3

ASTJ 6070 Languages and Linguistics of Japan

Languages and Linguistics of Japan

This course is meant to give students a better understanding of the phonetic, phonologic, morphologic, syntactic, semantic, historical, political, and sociological aspects of spoken and written languages in Japan. While the majority of the focus will be on modern written and spoken forms of Japanese, students will also be introduced to bungo (Classical Japanese), as well as

kanbun (Chinese used by people in Japan), Ainu Itak, Ryukyuan, Korean, and localized English creoles. In doing so, we will analyze unique and shared features of these languages, while familiarizing ourselves with basic notions and terminology used in Japanese linguistics. Learners of the Japanese language will benefit from this course by gaining a better understanding of linguistic features and learning about how society and history have transformed the languages of Japan. The course will be taught primarily in English, however the prerequisites include an introductory course in linguistics and/or rudimentary knowledge of Japanese and modern phonetic scripts (katakana and hiragana). Significant emphasis will be placed on reading, processing, and discussing academic works on language. Each week two or three students will be asked to present the readings for that week, before we go into a discussion. Grades will be based on presentations of readings and a final research paper of 18-25 pages in length.

Pre-requistites: ANTH 1030 and/or ASTJ 1010 or equivalent.

credit hours: 3

JWST 1010 Introduction to Jewish Civilization: Foundations

Introduction to Jewish Civilization: Foundations

This course will introduce the student to the variety of religious expression and understanding in the Jewish tradition. The focus of the course is the biblical texts and their interpretations which are relevant to Jewish understandings of issues such as creation, revelation, redemption and community. We will also study the social, literary, historical and cultural influences that helped shape the varieties of Jewish traditions throughout the ages.

credit hours: 3

JWST 1020 Introduction to Jewish Civilization: The Modern Era

Introduction to Jewish Civilization: The Modern Era

This course will introduce the students to the variety of religious expression and understanding in the Jewish tradition in the early modern and modern eras. The focus of the course will begin with biblical texts and then use writings from medieval, early modern, and the modern period to explore how the definitions of Jewishness and conceptions of Jewish belonging change over time. We will also study the social, literary, historical and cultural influences that helped shape the varieties of Jewish traditions across 1,000 years.

credit hours: 4

JWST 1110 Introduction to Judaism

Introduction to Judaism

credit hours: 3

JWST 1250 Building Jewish Identity: Secular Judaism in Historical Perspective

Building Jewish Identity: Secular Judaism in Historical Perspective

The starting point for our investigation of a distinctively secular Jewish conception of the world will be the fact that roughly on behalf of the American Jewish population possesses a secular non-religious orientation (American Jewish Identity Survey, 2001). How did this non-religious orientation arise amongst what many people consider to be a religious community? We will explore how certain non-religious features, such as shared culture, language, custom, dress, and education played an integral part in the definition of Jews and Judaism from their inception, and the role played by these features in the constitution of variant secular forms of Judaism and secular Jewish orientations in the modern period.

credit hours: 3

JWST 2100 Introduction to the Hebrew Bible - Old Testament

Introduction to the Hebrew Bible - Old Testament

In this course we will attempt to understand the Hebrew Bible better by examining samples of each of the major genres represented while at the same time placing each within its historical context. We will also focus upon questions of interpretation. By taking a general survey of the ways in which the Hebrew Bible has been read and interpreted in the past we will begin to understand how these ancient texts continue to live and speak to so many.

credit hours: 3

JWST 2200 Modern Jewish History

Modern Jewish History

Analysis and interpretation of Judaism in modern times. The meanings of religiosity and secularity are explored through analysis of several Jewish responses to modernity: religious reform, Jewish socialism, political and cultural Zionism, assimilationism. Integration of these diverse responses produces a coherent picture of how a religion is transformed through interaction with modern culture.

credit hours: 3

JWST 2810 Special Topics in Jewish Studies

Special Topics in Jewish Studies

Special topic in Jewish Studies.

credit hours: 3

JWST 3100 Select Topics in Israeli Film

Select Topics in Israeli Film

This course will cover special offerings in Jewish history, religious thought and literature. It will be taught by various permanent and visiting Jewish Studies instructors.

credit hours: 3

JWST 3120 Modern Hebrew Literature and the Bible

Modern Hebrew Literature and the Bible

This course will introduce students to the ongoing dialogue between the Jewish People and the Hebrew Bible, their defining text. Through the reading of the Biblical text alongside Rabbinic texts composed in the first millennium of the Common Era and Hebrew Poetry of the twentieth century, students will learn how later Jewish readers employed gaps in the text to make the Bible relevant to them.

credit hours: 3

JWST 3140 Select Readings in the Hebrew Bible

Select Readings in the Hebrew Bible

In this course we will read specific books from the Hebrew Bible (in translation). The books read will rotate within three topics: Genesis; The Five Scrolls: Song of Songs, Ruth, Lamentations, Ecclesiastes, and Esther; The Prophets. The aim of this course is to provide the student with the opportunity to read portions of the Hebrew Bible in detail and how they have been read, interpreted, and explained throughout the centuries. The student will also learn to read the texts critically and begin to form his/her own understanding of the text.

credit hours: 3

JWST 3150 Second Temple Judaisms

Second Temple Judaisms

Starting with the return from Babylonia up until the destruction of the Jerusalem Temple in 70 C.E., Judaism was transformed from a local ethnic religious cult to a broad-based, diverse, and often fragmented sectarian religion. Many outside cultures and civilizations, from the ancient Persians to the Imperial Romans, influenced the Jews and Judaism through language, culture, and political contacts. We will study these cultural contracts and conflicts that caused Jews in the Second Commonwealth to develop competing understandings of Judaism.

credit hours: 3

JWST 3210 American Jewish History

American Jewish History

The course examines the nature of religion in modern and contemporary times, using Judaism in America as an example. How did the American Jewish community come into being? What is American about it? What is Judaic, that is, carrying forward aspects of classical Judaism? What is the meaning of the ethnic, social, and cultural traits emergent in contemporary Jewish life? Answers to these questions provide a picture of the character of American Judaism and of the complexities of contemporary religious life.

credit hours: 3

JWST 3220 The Arab-Israeli Conflict

The Arab-Israeli Conflict

This seminar traces the course of the Arab-Israeli conflict from the rise of Zionism, through the various Arab-Israeli wars, and up to the recent peace negotiations. Emphasis is on presenting the perspectives of all the parties to the Arab-Israeli conflict, and placing it in the context of the history of the Middle East as a whole.

credit hours: 3

JWST 3330 Jewish Music

Jewish Music

Survey of Jewish liturgical music from Biblical times to the present, and of Jewish popular, theatre, and folk music. Emphasis on European, Israeli, Sephardic, and American traditions.

credit hours: 3

JWST 3340 Early American Jewish History

Early American Jewish History

This class focuses on the period from the earliest Jewish settlers in mid-seventeenth century colonial America through the establishment of viable Jewish communities and institutions by the latter part of the nineteenth century. It covers the so-called Sephardic and Germanic periods of American-Jewish history, prior to the wave of Eastern European immigration. Among the themes explored are the tension between Jewish identity and the pressures of assimilation; the transformation of the synagogue; the emergence of Jewish social and cultural institutions; changing religious practices and the rise of Reform Judaism. Events and themes are placed within the broader context of American history.

credit hours: 3

JWST 3440 Representing the Holocaust: Literary and Filmic Depictions of the Undepictable

Representing the Holocaust: Literary and Filmic Depictions of the Undepictable

This course examines the Holocaust from various perspectives, disciplines, and media (including history, literature, and film) to investigate the conditions and limitations of representations of the

Holocaust. May be counted toward a major in German only with departmental approval and provided all reading is done in German.

credit hours: 3

JWST 3500 The Golden Age of Spanish Jewry I: Moslem Spain

The Golden Age of Spanish Jewry I: Moslem Spain

An examination of the cultural, political, and intellectual history of Spanish Jewry from the beginnings of Jewish settlement through the early reconquest. Special attention is given to the contributions of Hasdai ibn Shaprut and Samuel Ha-Nagid.

credit hours: 3

JWST 3520 The Golden Age of Spanish Jewry II: Christian Spain

The Golden Age of Spanish Jewry II: Christian Spain

A study of the transition of Spanish Jewry from Moslem rule to Christian rule. The course includes an analysis of the several disputations of this period as well as the impact of the inquisition and expulsion. Special attention is given to the literature and philosophy of Maimonides, Crescas, and Solomon ibn Adret.

credit hours: 3

JWST 3530 Jewish Life and Thought in the High Middle Ages

Jewish Life and Thought in the High Middle Ages

The medieval period was perhaps the most prolific age for Jewish exploration and interpretation of Jewish religious texts and sources. We will examine a number of these philosophical, mystical, poetic, liturgic, and juridical in order to better appreciate the context and content of medieval concerns and solutions.

credit hours: 3

JWST 3540 Jewish Life and Thought from the Renaissance to the Age of Reason

Jewish Life and Thought from the Renaissance to the Age of Reason

Cromwell's England, Florence, Vilna, Prague, and Spinoza's Amsterdam.

credit hours: 3

JWST 3590 Greek Philosophy and Jewish Thought

Greek Philosophy and Jewish Thought

Western culture has a double source, the Bible and Greek philosophy, or Jerusalem and Athens. Are the two traditions harmonious or do they stand in some essential tension with each other? While this was an especially vital challenge to thinkers of the Medieval period, it expresses a fundamental question about the relation between revelation and reason. This course will approach that question by examining the response of some important Jewish thinkers in the encounter with the teachings of Plato and Aristotle.

credit hours: 3

JWST 3600 Women in the Hebrew Bible

Women in the Hebrew Bible

Women play a significant role in the Bible, one that is often at best misunderstood and at worst ignored. In this class we will examine the biblical stories and their historical context in order to understand the role of women in the biblical period as well as the role of the figures within the biblical text. We will also examine modern interpretations of these texts (including feminist readings and creative fiction based upon the biblical text) to see how modern scholars have understood these ancient texts in modern times.

credit hours: 3

JWST 3750 Jewish Identity in Modern Literature

Jewish Identity in Modern Literature

In this course we will examine novels, short stories, essays, and other literary works by European Jewish authors and study their literary, cultural and political context. We trace the development of literary forms that provide the basis for a modern Jewish self-consciousness and a sense of cultural identity. We compare the concepts of community and individualism, religious reform, and cultural notions of identity in the writings of authors from Eastern European and Western Europe. We also examine the differences of Jews in Europe in the period before the Holocaust.

credit hours: 3

JWST 3880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

JWST 4110 Rabbinic Judaism

Rabbinic Judaism

This course will focus on the literature and culture of the Rabbinic period (c. 200-600 C.E.). We will concentrate on reading and analyzing primary texts (Midrash, Mishnah and Talmud) as well as studying the historical context and methodological issues. This course will discuss the various literatures' styles, methods and contents as well as their internal and external cultural influences.

Pre-requisites: JWST 3150 Recommended.

credit hours: 3

JWST 4150 Women, Judaism, and Jewish Culture

Women, Judaism, and Jewish Culture

Women's roles in Judaism and Jewish life have been defined by the religious precepts and civil laws described in the Bible and interpreted by the rabbis in a patriarchal age. Nevertheless, throughout the ages, women have carved out areas for themselves within the Jewish religious, social, and political systems as well as fulfilled the roles prescribed to them. This course will study the women of Jewish history and how they have participated in, developed and shaped Jewish religious, social, and cultural life.

credit hours: 3

JWST 4210 American Jewish Movements

American Jewish Movements

This course will build upon the themes of American Jewish History, JWST 3210, and seek to understand how American Jews balanced their Jewish identity with their desire to be Americans.

credit hours: 3

JWST 4250 The Dead Sea Scrolls

The Dead Sea Scrolls

It has been just over 50 years since a group of Bedouin shepherds found several clay jars containing ancient scrolls. The documents include copies of the Hebrew Bible, apocryphal works, and sectarian works written to provide order and meaning to the readers lives. But who

wrote the scrolls and who were they writing for? This course will investigate these questions and others by focusing on the texts themselves and the archaeological evidence from the site of Khirbet Qumran. Secondary sources will also be consulted and read critically.

Pre-requisites: JWST 2100 and JWST 3150 or approval of instructor.

credit hours: 3

JWST 4300 The Palestinian-Israeli Conflict in Culture and Literature

The Palestinian-Israeli Conflict in Culture and Literature

This course will focus on the literary and cultural response to the Israeli-Palestinian conflict since the beginning of the Zionist settlement to our time. We will ask questions such as how each culture, the Israeli and Palestinian, has represented the other? Has each depiction been a unified cultural portraiture or can we identify multifarious delineations? What constitutes national identity and what role have national, religious, racial and gender perspectives played in the construction of the Israeli and Palestinian identities? How has the various formation of the other contributed to the identity creation of each culture? And finally, can we point out significant historical changes in these representations? We will examine both Palestinian and Israeli experiences as reflected in various texts including fiction, poetry, philosophical and historical treatises, editorials, caricatures, film and the like, all in English translation. Last but not least, we will try to understand both the stable and the changing parameters of national identity on the background of universal intellectual and political movements such as nationalism, multiculturalism, and globalization.

credit hours: 3

JWST 4320 Jewish Youth and Cultural Change

Jewish Youth and Cultural Change

This course will analyze the modern Jewish experience by focusing on the seminal role of Jews in their teens and twenties, examining how this group has affected social change.

credit hours: 3

JWST 4330 The Jewish Immigrant Experience, 1881 to the Present

The Jewish Immigrant Experience, 1881 to the Present

This course will examine the transnational migration of Jews to six different continents - North America, South America, Asia, Africa, Australia and Europe - focusing on key components of the migration.

credit hours: 3

JWST 4350 Rashi, Halevi, Maimonides: Rabbinical Luminaries of the Middle Ages

Rashi, Halevi, Maimonides: Rabbinical Luminaries of the Middle Ages

An exploration of the lives and major works of Judaism's most significant religious writers of the Jewish Middle Ages. Rashi, the prince of Biblical commentators; Judah Halevi, poet laureate of the Jewish people and author of *The Kuzari*; Moses Maimonides, the supreme Jewish thinker of all ages, and author of *The Guide for the Perplexed*.

credit hours: 3

JWST 4400 Power and Powerlessness in Jewish History

Power and Powerlessness in Jewish History

In this course we draw on the skills and knowledge that we have gained in our studies in Jewish Studies. In particular, we encounter the full chronology of Jewish history and are asked to analyze events through the lens of this historical perspective. Our focus is an investigation of the theme of Jewish power. Of particular interest to us is the perception of power by Jews themselves

and attitudes toward Jews by their neighbors.

credit hours: 3

JWST 4420 Advanced Topics in Jewish Literature and Historiography

Advanced Topics in Jewish Literature and Historiography

In this course we will study the work of one pathbreaking Jewish intellectual studying both his/her oeuvre and intellectual context. Of particular importance is the relationship of the intellectual's work as part of a dialogue with the works of Jewish and non-Jewish contemporaries. Among our subjects are Heinrich Graetz, Simon Dubnov, Israel Zinberg, Jacob Katz, and Salo Baron.

credit hours: 3

JWST 4630 Historiography, Research Methods, and Writing: Modern Jewish History

Historiography, Research Methods, and Writing: Modern Jewish History

This course prepares students to write major research papers in the field of Modern Jewish History, Jewish History, as well as prepares them for honors thesis work and graduate work.

credit hours: 3

JWST 4670 Israeli-Jewish and Arab-Israeli Peace through Literature and Film

Israeli-Jewish and Arab-Israeli Peace through Literature and Film

"This course explores major themes in Israeli cinema and fiction in the context of the social and historical backdrop of the Arab-Israeli conflict and the painful emergence of a new Jewish-Israeli identity in the shadow of the Holocaust and unremitting warfare. Examining in depth a number of Hebrew and Arabic films, short stories and novels, all in English translation, the course situates them in the evolution of Israeli cinema and fiction. prereg: JWST 3220 Arab-Israeli Conflict"

credit hours: 3

JWST 4810 Special Topics in Jewish Studies

Special Topics in Jewish Studies

This course will cover special offerings in Jewish history, religious thought, and literature.

credit hours: 3

JWST 5110 Capstone

Capstone

Zero-credit add-on to a 4000-level Jewish Studies seminar to indicate that this course will satisfy the capstone requirement. Students will produce a written assignment of 20-25 pages that will integrate and synthesize material that goes beyond this course.

credit hours: 0

JWST 6420 Readings in the Holocaust

Readings in the Holocaust

Examines the origins and development of the Nazi Final Solution; the experience of the victims, perpetrators, rescuers, and bystanders; and the relationship between history and memory.

credit hours: 3

JWST H4910 Independent Studies

Independent Studies

credit hours: 3

JWST H4920 Independent Studies

Independent Studies

credit hours: 3

JWST H4990 Honors Thesis

Honors Thesis

credit hours: 3

JWST H5000 Honors Thesis

Honors Thesis

credit hours: 3

LATN 1010 Elementary Latin

Elementary Latin

A study of basic Latin grammar.

credit hours: 4

LATN 1020 Intermediate Latin

Intermediate Latin

Reading of simple Latin prose and poetry.

Pre-requistites: LATN 1010 or equivalent.

credit hours: 4

LATN 2030 Introduction to Literature

Introduction to Literature

Readings from selected authors. Practice in Latin prose composition.

Pre-requistites: LATN 1020 or equivalent.

credit hours: 4

LATN 3030 Readings in Latin Poetry

Readings in Latin Poetry

Selections from Ovid, Metamorphoses, Ars Amatoria, and other poets.

Pre-requistites: LATN 2030 or equivalent.

credit hours: 3

LATN 3070 Readings in Latin Prose

Readings in Latin Prose

Selections from such authors as Cicero, Sallust, and Apuleius. Practice in Latin prose composition.

Pre-requistites: LATN 2030 or equivalent.

credit hours: 3

LATN 3910 Independent Studies

Independent Studies

Students wishing to maintain and improve their skill in reading Latin may enroll in a reading course for one, two, or three credits. The reading normally will be part or all, depending on the amount of credit sought, of the assigned reading in an existing 3000-level course.

Pre-requistites: Approval of department.

credit hours: 3

LATN 4010 Roman Comedy

Roman Comedy

Selected plays of Plautus and Terence to suit the needs and desires of the students enrolled.
credit hours: 3

LATN 4020 Catullus and the Elegiac Poets

Catullus and the Elegiac Poets

Readings in Catullus, and the elegies of Propertius, Tibullus, and Ovid.

credit hours: 3

LATN 4030 Virgil

Virgil

The last six books of the Aeneid; selections from the Eclogues and Georgics.

credit hours: 3

LATN 4040 Roman Philosophy

Roman Philosophy

Lucretius and others.

credit hours: 3

LATN 4070 Medieval Latin

Medieval Latin

Survey of medieval Latin literature with special attention to the various styles and literary types, and to the cultural background.

credit hours: 3

LATN 4080 Literature of the Neronian Age

Literature of the Neronian Age

This course examines the reign of the emperor Nero through readings in the literature of that period. Particular focus will be placed upon the changing status of the emperor, the role of the emperor as patron of the arts, and the development of intellectual and political resistance to Nero and the principate.

credit hours: 3

LATN 4110 Special Authors

Special Authors

Readings in Latin from a Roman author.

credit hours: 3

LATN 4130 Roman Historians of the Republic

Roman Historians of the Republic

Readings in Livy's history or Sallust's Catiline and Jugurtha.

credit hours: 3

LATN 4140 Roman Satire

Roman Satire

Readings in the satires of Horace, Persius, or Juvenal.

credit hours: 3

LATN 4150 Roman Historians of the Empire

Roman Historians of the Empire

Readings in the historical works of Tacitus and other historians of the Roman empire.

credit hours: 3

LATN 4170 Cicero

Cicero

A study of the man and the period based on portions of his work.

credit hours: 3

LATN 4180 Horace

Horace

Odes and Epodes.

credit hours: 3

LATN 4880 Writing Practicum

Writing Practicum

Notes: Fulfills the school intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 3

LATN 4910 Independent Studies

Independent Studies

Students wishing to maintain and improve their skill in reading Latin may enroll in a reading course for one, two, or three credits. The reading will normally be part or all, depending on the amount of credit sought, of the assigned reading in an existing 400-level course.

Pre-requisites: Approval of department.

credit hours: 3

LATN 6010 Roman Comedy

Roman Comedy

Notes: See LATN 4010 for description.

credit hours: 3

LATN 6020 Catullus and the Elegiac Poets

Catullus and the Elegiac Poets

Notes: See LATN 4020 for description

credit hours: 3

LATN 6030 Virgil

Virgil

Notes: See LATN 4030 for description

credit hours: 3

LATN 6040 Roman Philosophy

Roman Philosophy

Notes: See LATN 4040 for description.

credit hours: 3

LATN 6070 Medieval Latin

Medieval Latin

Notes: See LATN 4070 for description

credit hours: 3

LATN 6080 Literature of the Neronian Age

Literature of the Neronian Age

Notes: See LATN 4080 for description

credit hours: 3

LATN 6110 Special Authors

Special Authors

Notes: See LATN 4110 for description.

credit hours: 3

LATN 6130 Roman Historians of the Republic

Roman Historians of the Republic

Notes: See LATN 4130 for description.

credit hours: 3

LATN 6140 Roman Satire

Roman Satire

Notes: See LATN 4140 for description.

credit hours: 3

LATN 6150 Roman Historians of the Empire

Roman Historians of the Empire

Notes: See LATN 4150 for description.

credit hours: 3

LATN 6170 Cicero

Cicero

Notes: See LATN 4170 for description.

credit hours: 3

LATN 6180 Horace, Odes, and Epodes

Horace, Odes, and Epodes

Notes: See LATN 4180 for description.

credit hours: 3

LATN 6910 Independent Study

Independent Study

Notes: See LATN 4910 for description

credit hours: 3

LATN 7040 Selected Readings

Selected Readings

credit hours: 1-9

LATN H4990 Honors Thesis

Honors Thesis

Notes: Admission by approval of department and Honors Committee.

credit hours: 3

LATN H5000 Honors Thesis

Honors Thesis

Notes: Admission by approval of department and Honors Committee.

credit hours: 3

LAST 1010 Introduction to Latin American Studies

Introduction to Latin American Studies

Majors and minors in Latin American Studies must take LAST 101, a wide-ranging interdisciplinary discussion of Latin America with an emphasis on the 20th century. The course probes the social and cultural institutions and production of modern Latin America through the concepts of Encounter, Identity, Nation, and Welfare. Readings, lectures, discussions, and media presentations are integral components of the course. The objective of the course is to introduce students to the region, institutions, and cultural production of Latin America. Students will become familiar with the physical, political, and cultural boundaries of the region and then examine modern Latin America through the use of case studies, primary source materials, discussion and current research. Several sections of this course are offered during the fall and summer semesters. LAST 101 is designated a service learning course.

Notes: Fulfills the University's Comparative Cultures and International Perspectives and Perspectives Outside the European Tradition distribution requirements

credit hours: 3

LAST 1020 Introduction to Latin American Studies II

Introduction to Latin American Studies II

Majors and minors in Latin American Studies must take LAST 102, a wide-ranging interdisciplinary discussion of Latin America with an emphasis on the 20th century. The course probes the social and cultural institutions and production of modern Latin America through the concepts of Creativity, Exchange, Land, and Peoples. Readings, lectures, discussions, and media presentations are integral components of the course. The objective of the course is to introduce students to the region, institutions, and cultural production of Latin America. Students will become familiar with the physical, political, and cultural boundaries of the region and then examine modern Latin America through the use of case studies, primary source materials, discussion and current research. Several sections of this course are offered each spring semester. LAST 102 is designated a service learning course.

Notes: Fulfills the University's Comparative Cultures and International Perspectives and Perspectives Outside the European Tradition distribution requirements

credit hours: 3

LAST 1890 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of a three-credit corequisite course.

Pre-requisites: Departmental approval.

credit hours: 0

LAST 3130 Contemporary Latin American Culture and Society

Contemporary Latin American Culture and Society

Interdisciplinary exploration of the cultures, history, social structures, and institutions of Latin American and Caribbean societies. Emphasis is placed on tracing the relationships among institutions such as the government, religion, economy, family, and tourism and cultural forms

such as literature, performance, visual arts, music, film, and others. The focus of the course may be a single Latin American / Caribbean nation (Cuba, Mexico, Trinidad and Tobago, for example) or comparative.

Notes: May be repeated for credit if a different national focus.

credit hours: 3

LAST 3890 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of a three-credit corequisite course.

Pre-requisites: Departmental approval.

credit hours: 0

LAST 3950 Special Offering

Special Offering

credit hours: 3

LAST 3960 Special Offering

Special Offering

credit hours: 3

LAST 4000 Core Seminar

Core Seminar

Required of all senior students majoring in Latin American Studies. The Core Seminar develops students' capacity for interdisciplinary problem solving and understanding of Latin American culture, society, and politics. Topics vary but all involve bibliographical study, reading, and discussion culminating in preparation of individual papers.

credit hours: 3

LAST 4560 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing.

Notes: Only one internship may be completed per semester. A maximum of six credits may be earned in one or two courses.

Pre-requisites: Approval of instructor and Program Director.

credit hours: 1-3

LAST 4570 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing.

Notes: Only one internship may be completed per semester. A maximum of six credits may be earned in one or two courses.

Pre-requisites: Approval of instructor and Program Director.

credit hours: 3

LAST 4880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

credit hours: 1

LAST 4950 Special Offerings

Special Offerings

Notes: For offering in a specific semester, consult the department.

credit hours: 3

LAST 4960 Special Offerings

Special Offerings

Notes: For offering in a specific semester, consult the department.

credit hours: 3

LAST 6200 Health and Inequality in Latin America

Health and Inequality in Latin America

"The course addresses root causes of health and inequality in Latin America, the development of public health systems to promote health and prevent and treat disease, access to health care in urban and rural settings, social movements and the right to health. health systems reforms and the right to health, and the future of public health in Latin America."

credit hours: 3

LAST 6950 Special Offerings in Latin American Studies

Special Offerings in Latin American Studies

For description, consult department.

Notes: For special offering, see the Schedule of Classes.

credit hours: 3

LAST 6960 Special Offerings in Latin American Studies

Special Offerings in Latin American Studies

For description, consult department.

Notes: For special offering, see the Schedule of Classes.

credit hours: 3

LAST 7000 Core Seminar

Core Seminar

credit hours: 3

LAST 7950 Independent Studies

Independent Studies

credit hours: 3

LAST 7960 Independent Studies

Independent Studies

credit hours: 3

LAST 8990 Special Projects

Special Projects

credit hours: 3

LAST 9980 Master's Research

Master's Research

credit hours: 0

LAST 9990 Dissertation Research

Dissertation Research

credit hours: 0

LAST H4910 Independent Studies

Independent Studies

Pre-requistites: Approval of instructor.

credit hours: 3

LAST H4920 Independent Studies

Independent Studies

Pre-requistites: Approval of instructor.

credit hours: 3

LAST H4990 Honors Thesis

Honors Thesis

Pre-requistites: Departmental approval. required.

credit hours: 3

LAST H5000 Honors Thesis

Honors Thesis

Pre-requistites: Departmental approval. required.

credit hours: 3

LCTL 1210 Hungarian

Hungarian

Introduction to essential skills in Hungarian

credit hours: 3

LCTL 1610 Special Language Offerings

Special Language Offerings

To be offered as demand arises and resources permit. Currently includes elementary Hindi and intermediate Swahili.

credit hours: 2

SWHL 1010 Elementary Swahili I

Elementary Swahili I

Introduction to essential skills in Swahili.

credit hours: 3

SWHL 1020 Elementary Swahili II

Elementary Swahili II

credit hours: 3

SWHL 2030 Intermediate Swahili

Intermediate Swahili

credit hours: 3

SLAM 3010 Leadership: What is it and why should we care about it?

Leadership: What is it and why should we care about it?

The purpose of this course is to help develop the next generation of leaders for our country and the world. The study of leadership begins with a conceptual understanding of the genealogies and evolution of leadership theory. It follows with students gaining practical knowledge about different leadership styles, traits and characteristics through case studies and personal interactions with proven leaders. The course also creates an opportunity for students to assess their leadership capabilities and to develop a personal leadership plan for the future.

credit hours: 3

SLAM 3030 Principles of Marketing

Principles of Marketing

This course introduces principles and problems of marketing goods and services. The course will provide a basic understanding of the role of marketing within an organization, and within the US marketplace. The relationship between marketing and other major business activities such as production and finance will also be addressed.

credit hours: 3

SLAM 3050 Strategic Communication

Strategic Communication

"The course is an introduction to the professional practice of public relations, emphasizing its dynamic functions and processes and its relationship to society. Students will examine fundamental theories that are essential to the professional practice of public relations. Emphasis will be on how public relations practitioners work to build meaningful and sustainable relationships with various publics, including employees, customers, community partners, news media, government officials, regulators, etc."

credit hours: 3

SLAM 3060 Philanthropy and Social Change

Philanthropy and Social Change

This course is designed to educate students to the process of philanthropy through a social justice lens that takes into account the unequal distribution of wealth and resources in the United States. It looks at the meaning and history of philanthropy in America, while also examining conceptual frameworks for envisioning the relationship between philanthropy and social change.

Notes: Elective in Sociology

credit hours: 3

LING 1010 Swahili

Swahili

This course provides an introduction to the Swahili language and culture. The primary goal of the course is to provide the students with the spoken knowledge of the language. However, by the end of the course, students should have also acquired some knowledge of reading and writing in the language and its structure.

credit hours: 3

LING 1010 Elementary American Sign Language I

Elementary American Sign Language I

The purpose of this course is to enable students to acquire introductory knowledge of American Sign Language. A linguistic, communicative, and cultural approach will allow students to explore this visual-spatial language used by up to two million people in the United States. Instruction will

focus on the development of receptive and expressive signing skills and on the acquisition of the fundamentals of applied grammar.

credit hours: 3

LING 1015 Elementary American Sign Language II

Elementary American Sign Language II

Continuation of Elementary American Sign Language I, with focus on the expansion of vocabulary, a deepening of the understanding of grammatical structures, and the further development of communicative skills. Prerequisite: Elementary American Sign Language I.

Pre-requistites: Prerequisite: Elementary American Sign Language I

credit hours: 3

LING 2010 Intermediate American Sign Language

Intermediate American Sign Language

Continuation of intermediate/advanced study in American Sign Language, with focus on the expansion of vocabulary, conversational skills, demonstrative skills, and receptive skills in a seminar setting. Use of grammatical structure in natural and informative settings and the further development of communicative skills. Prerequisite: Elementary American Sign Language II

Pre-requistites: Prerequisite: Elementary American Sign Language II

credit hours: 3

LING 3000 Language Revitalization: The case of Tunica, Louisiana's Sleeping Language

Language Revitalization: The case of Tunica, Louisiana's Sleeping Language

Tulane has been collaborating with the Tunica tribe of Louisiana to bring back their language, the last speaker, Sesostrie Youchigant having died over fifty years ago. This course addresses the processes of language death, as well as methods and initiatives for language revitalization. Students will learn effective second language teaching methods and elementary Tunica. They will then apply what they have learned, serving as teaching assistants during the tribe's Language Summer Camp. The Tunica tribe will host the course in Marksville for the week of the Summer Camp. This course counts as a second tier service learning course.

credit hours: 3

LING 3010 Semantics, the Study of Meaning

Semantics, the Study of Meaning

What does the word cat mean? This course looks at three answers. One says that cat is just the set of all cats. Another says that cat refers to a prototypical cat, one described by the characteristics common to all the cats that you have ever seen. The third answer says that cat is the word that the brain associates with the cats that you saw when you were younger. Each of these answers assumes that the mind works in a certain way, so the right one tells us something about how the mind works in situations that have nothing to do with the meaning of cat

credit hours: 3

LING 3430 Semantics of Natural Language

Semantics of Natural Language

An introduction to the study of meaning in natural languages. The central techniques involve extending the methods of logical semantics for formal languages. No prerequisites, but prior exposure either to generative grammar (e.g., ANTH 3590) or symbolic logic (e.g., PHIL 1210) would not be wasted.

credit hours: 3

LING 3700 Second Language Acquisition

Second Language Acquisition

This course is intended to familiarize students with the field of Second Language Acquisition, including a history of the field's origins. Discussion of recent theories of second language acquisition and an overview of approaches to research methodology in this field.

credit hours: 3

LING 3810 Special Topics in Linguistics

Special Topics in Linguistics

Special topics in linguistics. For description consult the director. Other departments offer courses with linguistic import as well.

Notes: These courses may count toward the major upon consultation with the Program Adviser.

credit hours: 3

LING 3820 Special Topics in Linguistics

Special Topics in Linguistics

Special topics in linguistics. For description consult the director. Other departments offer courses with linguistic import as well.

Notes: These courses may count toward the major upon consultation with the Program Adviser.

credit hours: 3

LING 3890 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of a three-credit corequisite course.

Pre-requisites: Departmental approval.

credit hours: 0

LING 4110 Brain and Language

Brain and Language

The goal of this course is to learn how the brain is organized to produce and comprehend language and to understand linguistic disorders attendant on brain damage. There is an optional service learning component in which students can work with a speech therapist at a local health-care provider.

Notes: Can be used to satisfy the capstone for majors when co-registered in LING 5110.

credit hours: 3

LING 4120 Brain and Language

Brain and Language

Brain and Language touches on all of the subfields of linguistic analysis (syntax, semantics, phonology, morphology, pragmatics, and discourse) as they are affected by brain lesions and disease and thus qualifies as an excellent opportunity for the Linguistics.

credit hours: 3

LING 4560 Linguistics Internship

Linguistics Internship

Internships with Community Partners to develop language and linguistic resources. Experiences may include language teaching, materials development, web-design and curricular innovation.

credit hours: 1-3

LING 4570 Linguistics Internship

Linguistics Internship

Internships with Community Partners to develop language and linguistic resources. Experiences may include language teaching, materials development, web-design and curricular innovation.

credit hours: 1-3

LING 4720 Translation Studies Theory and History

Translation Studies Theory and History

This course is an exploration of the development of the field of Translation, from Ancient Civilization through the twenty-first century, with a heavy emphasis on primary source commentaries on translation produced by translators over time. Students should expect to study the writings and historical context of such translators as Cicero (100-43 BCE), St. Jerome (4th century AD), Erasmus (1500s), Martin Luther (1520s-1530s), Etienne Dolet (1540s), Friedrich Schleiermacher (1813), Walter Benjamin (1923), Roman Jakobson (1959), Eugene Nida (1960s), Miguel Leon Portilla (20th century Mexico), Jacques Derrida (responding to Jakobson), Lawrence Venuti (1990s), and Dennis Tedlock (1990s) and complete a comparative analysis of multiple versions of a translation of a text of their choosing.

Notes: Writing Practica Option.

credit hours: 3

LING 4810 Special Topics in Linguistics

Special Topics in Linguistics

Notes: Can be repeated for credit.

credit hours: 3

LING 4820 Special Topics in Linguistics

Special Topics in Linguistics

Notes: May be repeated for credit.

credit hours: 3

LING 4850 Proseminar in Linguistics

Proseminar in Linguistics

This course will examine a topic within linguistics, integrating the various levels of linguistic analysis: phonetics, phonology, morphology, syntax, semantics, and pragmatics. Students will be asked to apply linguistic theory to data within their field of concentration, synthesizing materials from primary and secondary sources.

Notes: This course counts as a capstone experience for the linguistics major. To receive capstone credit students must co-register for LING 5110.

credit hours: 3

LING 5110 Capstone

Capstone

credit hours: 0

LING 6070 Languages and Linguistics of Japan

Languages and Linguistics of Japan

This course is meant to give students a better understanding of the phonetic, phonologic, morphologic, syntactic, semantic, historical, political, and sociological aspects of spoken and written languages in Japan. While the majority of the focus will be on modern written and spoken forms of Japanese, students will also be introduced to bungo (Classical Japanese), as well as

kanbun (Chinese used by people in Japan), Ainu Itak, Ryukyuan, Korean, and localized English creoles. In doing so, we will analyze unique and shared features of these languages, while familiarizing ourselves with basic notions and terminology used in Japanese linguistics. Learners of the Japanese language will benefit from this course by gaining a better understanding of linguistic features and learning about how society and history have transformed the languages of Japan. The course will be taught primarily in English, however the prerequisites include an introductory course in linguistics and/or rudimentary knowledge of Japanese and modern phonetic scripts (katakana and hiragana). Significant emphasis will be placed on reading, processing, and discussing academic works on language. Each week two or three students will be asked to present the readings for that week, before we go into a discussion. Grades will be based on presentations of readings and a final research paper of 18-25 pages in length.

Pre-requistites: ANTH 1030 and/or ASTJ 1010 or equivalent.

credit hours: 3

LING 6810 Special Topics in Linguistics

Special Topics in Linguistics

Special topics in linguistics. For description consult the director.

credit hours: 3

LING 6820 Special Topics in Linguistics

Special Topics in Linguistics

Special topics in linguistics. For description consult the director.

credit hours: 3

LING H4910 Independent Studies

Independent Studies

credit hours: 3

LING H4920 Independent Studies

Independent Studies

credit hours: 3

LING H4990 Honors Thesis

Honors Thesis

Thesis may involve field study as well as intensive reading and research in a selected subfield within linguistics.

Pre-requistites: Approval of program director and course director.

credit hours: 3

LING H5000 Honors Thesis

Honors Thesis

Thesis may involve field study as well as intensive reading and research in a selected subfield within linguistics.

Pre-requistites: Approval of program director and course director.

credit hours: 3

LITR 2010 Global Texts and Traditions I

Global Texts and Traditions I

This gateway course provides an introduction to Western and Non-Western literatures and cultures up to the Early Modern period. The course examines literary texts within a series of

themes and topics, such as origins, cultural encounters, and self and society. The course will examine cultural similarities and differences by analyzing modes of transculturation and literary transference.

credit hours: 3

LITR 2020 Global Texts and Traditions II

Global Texts and Traditions II

This gateway course provides an introduction to Western and Non-Western literatures and cultures from the Early Modern Period to the contemporary age. The course examines literary texts within a series of themes and topics, such as origins, cultural encounters, and self and society. The course will examine cultural similarities and differences by analyzing modes of transculturation and literary transference.

credit hours: 3

LITR 3010 Introduction to Literary Analysis

Introduction to Literary Analysis

This course aims to familiarize students with the tools of literary analysis in the major Non-Western and Western traditions. We study a variety of texts from diverse periods and traditions in terms of genre, literary history, formal terminology, canonicity, translation, textuality, and comparative approaches.

Notes: For majors, this course is recommended before LITR 401.

Pre-requisites: LITR 201 and 202.

credit hours: 3

LITR 4010 Introduction to Literary Theory

Introduction to Literary Theory

This course aims to orient students to the major terms, issues, and debates informing contemporary literary theory. Beginning with the key roles that semiotics, Marxism and psychoanalysis play in today's literary theory and criticism, the course proceeds to consider questions of the literary, formal versus historical approaches, contributions of feminism, gender studies, and queer theory, and issues pertaining to multiculturalism.

Notes: For majors, this course is recommended after LITR 301.

Pre-requisites: LITR 201 and 202.

credit hours: 3

LITR 4810 Special Topics

Special Topics

Notes: A writing practicum is available. May be used to fulfill the college intensive-writing requirement.

credit hours: 3

LITR 4820 Special Topics

Special Topics

Notes: A writing practicum is available. May be used to fulfill the college intensive-writing requirement.

credit hours: 3

LITR 5950 Senior Seminar

Senior Seminar

This seminar offers majors an opportunity to explore in depth a topic in literary studies from a

comparative perspective. Examples of some topics include: the literature of protest; globalization and the world's literatures; war and the production/reception of literature; utopias and dystopias; wisdom literature; and post-modern narrative theory.

Pre-requisites: Senior standing and LITR 201, 202, 301, and 401.

credit hours: 3

LITR H4990 Honors Thesis

Honors Thesis

Admission by departmental and Honors Committee approval.

credit hours: 3

LITR H5000 Honors Thesis

Honors Thesis

Admission by departmental and Honors Committee approval.

credit hours: 3

SLAM 3000 Special Topics

Special Topics

This course will explore a special topic in management, business & society from a liberal arts perspective.

credit hours: 3

MDST 2000 Introduction to Medieval Studies

Introduction to Medieval Studies

An introduction to the interdisciplinary nature of medieval studies focusing on the relationships between history, language, and the production of literary texts.

credit hours: 3

MDST 4000 Special Topics in Medieval and Early Modern Studies

Special Topics in Medieval and Early Modern Studies

Each course will treat a particular area of medieval and early modern studies, within an interdisciplinary framework.

credit hours: 3

MDST 6000 Special Topics in Medieval and Early Modern Studies

Special Topics in Medieval and Early Modern Studies

Each course will treat a particular area of medieval and early modern studies, within an interdisciplinary framework.

credit hours: 3

MDST H4990 Honors Thesis

Honors Thesis

Admission by department and Honors Committee approval.

credit hours: 3

MDST H5000 Honors Thesis

Honors Thesis

Admission by department and Honors Committee approval.

credit hours: 3

MEMS 5110 Capstone

Capstone

credit hours: 3

APMS 1090 Musicianship Laboratory I

Musicianship Laboratory I

Basic musicianship laboratory

Co-requisites: MUSC 1510

credit hours: 1

APMS 1100 Musicianship Laboratory II

Musicianship Laboratory II

Advanced musicianship laboratory

Pre-requisites: MUSC 1510 and APMS 1090.

Co-requisites: MUSC 1520

credit hours: 1

APMS 2090 Musicianship Laboratory III

Musicianship Laboratory III

Ensemble courses are open, for credit, to all students of the University. Some are by instructor approval (audition), as indicated

Notes: A total of eight ensemble credits may count to the degree. May be taken up to eight times for credit toward the degree.

Pre-requisites: MUSC 1520 and APMS 1100, or by examination.

Co-requisites: MUSC 2010

credit hours: 1

APMS 2100 Musicianship Laboratory IV

Musicianship Laboratory IV

Writing and aural skills based on 20th century melodic, rhythmic, and harmonic principles

Pre-requisites: MUSC 2010 and APMS 2090, or by examination.

Co-requisites: MUSC 2020

credit hours: 1

APMS 2170 Musical Ensemble

Musical Ensemble

Ensemble courses are open, for credit, to all students of the University. Some are by instructor approval (audition), as indicated

Notes: A total of eight ensemble credits may count to the degree. May be taken up to eight times for credit toward the degree.

credit hours: 1

APMS 2171 Vocal Ensemble

Vocal Ensemble

Ensemble courses are open, for credit, to all students of the University. Some are by instructor approval (audition), as indicated

Notes: A total of eight ensemble credits may count to the degree. May be taken up to eight times for credit toward the degree.

credit hours: 1

APMS 2172 Men's Chorus

Men's Chorus

Ensemble courses are open, for credit, to all students of the University. Some are by instructor approval (audition), as indicated

Notes: A total of eight ensemble credits may count to the degree. May be taken up to eight times for credit toward the degree.

credit hours: 1

APMS 2173 Instrumental Ensemble

Instrumental Ensemble

Ensemble courses are open, for credit, to all students of the University. Some are by instructor approval (audition), as indicated

Notes: A total of eight ensemble credits may count to the degree. May be taken up to eight times for credit toward the degree.

credit hours: 1

APMS 2174 Tulane-Newcomb Choir

Tulane-Newcomb Choir

Ensemble courses are open, for credit, to all students of the University. Some are by instructor approval (audition), as indicated

Notes: A total of eight ensemble credits may count to the degree. May be taken up to eight times for credit toward the degree.

credit hours: 1

APMS 2181 Drum Ensemble

Drum Ensemble

Ensemble courses are open, for credit, to all students of the University. Some are by instructor approval (audition), as indicated

Notes: A total of eight ensemble credits may count to the degree. May be taken up to eight times for credit toward the degree.

credit hours: 1

APMS 2182 Concert Band

Concert Band

Ensemble courses are open, for credit, to all students of the University. Some are by instructor approval (audition), as indicated

Notes: A total of eight ensemble credits may count to the degree. May be taken up to eight times for credit toward the degree.

credit hours: 1

APMS 2183 Marching Band

Marching Band

Ensemble courses are open, for credit, to all students of the University. Some are by instructor approval (audition), as indicated

Notes: A total of eight ensemble credits may count to the degree. May be taken up to eight times for credit toward the degree.

credit hours: 1

APMS 2184 Big Jazz Band

Big Jazz Band

Ensemble courses are open, for credit, to all students of the University. Some are by instructor approval (audition), as indicated

Notes: A total of eight ensemble credits may count to the degree. May be taken up to eight times for credit toward the degree.

credit hours: 1

APMS 2185 Jazz Combo

Jazz Combo

Ensemble courses are open, for credit, to all students of the University. Some are by instructor approval (audition), as indicated

Notes: A total of eight ensemble credits may count to the degree. May be taken up to eight times for credit toward the degree.

credit hours: 1

APMS 2186 Orchestra

Orchestra

Ensemble courses are open, for credit, to all students of the University. Some are by instructor approval (audition), as indicated

Notes: A total of eight ensemble credits may count to the degree. May be taken up to eight times for credit toward the degree.

credit hours: 1

APMS 2187 Musical Theatre Workshop

Musical Theatre Workshop

Ensemble courses are open, for credit, to all students of the University. Some are by instructor approval (audition), as indicated

Notes: A total of eight ensemble credits may count to the degree. May be taken up to eight times for credit toward the degree.

credit hours: 1

APMS 2210 Voice, Instrument, or Composition

Voice, Instrument, or Composition

One 50-minute private lesson per week (2 credits). Students assigned to guitar, piano or voice meet for two 50-minute classes each week (2 credits); all beginners must start with a class.

Notes: May be taken up to four times for credit toward the degree. Register for course in the department.

credit hours: 2

APMS 2213 Voice/Vocal Jazz

Voice/Vocal Jazz

One 50-minute private lesson per week (2 credits). Students assigned to guitar, piano or voice meet for two 50-minute classes each week (2 credits); all beginners must start with a class.

Notes: May be taken up to four times for credit toward the degree. Register for course in the department.

credit hours: 2

APMS 2218 Beginning Composition

Beginning Composition

One 50-minute private lesson per week (2 credits). Students assigned to guitar, piano or voice meet for two 50-minute classes each week (2 credits); all beginners must start with a class.

Notes: May be taken up to four times for credit toward the degree. Register for course in the department.

credit hours: 2

APMS 2891 Service Learning

Service Learning

Music service learning component available with various applied music courses at the 2000-level

credit hours: 0

APMS 2893 Service Learning

Service Learning

Music service learning component available with various applied music courses at the 2000-level

credit hours: 0

APMS 3020 18th-Century Counterpoint

18th-Century Counterpoint

Eighteenth-century counterpoint. Principles of canonic and fugal composition in the style of J.S. Bach. Analysis of pertinent compositions. Sight singing and dictation.

Pre-requisites: MUSC 1520

credit hours: 2

APMS 3130 Techniques of Instrumental Conducting

Techniques of Instrumental Conducting

Co-requisites: MUSC 1510, 1520, 2010, and 2020, or approval of instructor.

credit hours: 1

APMS 3140 Techniques of Instrumental Conducting

Techniques of Instrumental Conducting

Co-requisites: MUSC 1510, 1520, 2010, and 2020, or approval of instructor.

credit hours: 1

APMS 3210 Private Intermediate Voice, Instrument, or Composition

Private Intermediate Voice, Instrument, or Composition

One 50-minute lesson per week at the intermediate level culminating in half recital

Notes: May be taken up to two times for degree credit by BFA music majors. May be taken up to four times for degree credit by students pursuing a BA in music or by non-music majors. Register for course in the department

credit hours: 2

APMS 3213 Intermediate Composition

Intermediate Composition

One 50-minute lesson per week at the intermediate level culminating in half recital

Notes: May be taken up to two times for degree credit by BFA music majors. May be taken up to four times for degree credit by students pursuing a BA in music or by non-music majors. Register for course in the department

credit hours: 2

APMS 3330 Music for Film

Music for Film

This course provides both critical analysis of music and sound for film as well as practical approaches to the medium. Students will complete several music for film projects, such as scoring original music for a scene from a silent film.

Co-requisites: MUSC 2020 and 2300 or approval of instructor.

credit hours: 3

APMS 3400 The Story Road Project

The Story Road Project

In this course, students will prepare, perform and tour a work of music theatre to area schools and civic organizations. The participants will not only perform, but also create educational materials to accompany the production, take on marketing responsibilities, and act as moderators with the audience members following the performances. This course fulfills the first or second tier service learning requirement. There is no prerequisite for the course, but instructor permission is needed for registration.

credit hours: 3

APMS 3450 Music and Musicians in the Community

Music and Musicians in the Community

Music service learning students will gain firsthand knowledge of how emerging musicians can serve and create music in the New Orleans community - creating musical programs, cultural events, or major service projects for the Bishop Perry Center, and by learning how to prepare and work in the Chapel of the Holy Spirit's church music setting. (This a 1 credit course, with an additional 1 credit service learning component).

credit hours: 2

APMS 3500 Jazz Improvisation

Jazz Improvisation

Students will work with instructors individually and in small groups to develop the ability to logically respond to the harmonic, melodic, rhythmic, and formal implications inherent in specific types of musical material. Students will also examine compositional techniques characteristic of the jazz idiom. This course may be taken twice for credit.

credit hours: 2

APMS 3510 Jazz Arrangements

Jazz Arrangements

Students will work with the instructors individually and in small groups to develop the ability to understand the challenges involved in the process of creating jazz arrangements. Student will focus on the concepts of music notation characteristic of the jazz idiom and on the idiomatic writing for instruments. They will also examine the sound characteristics of individual instruments, the mixtures, and the crucial issues of balance within the ensembles.

credit hours: 3

APMS 4040 Orchestration

Orchestration

The instruments of the orchestra; their construction, ranges, and playing techniques; methods of effective instrumental writing; the mechanics of reading and writing a score. Written exercises, analysis of scores, study of recorded performances and live demonstrations.

credit hours: 3

APMS 4230 Private Advanced Voice, Instrument, or Composition and Recital Preparation

Private Advanced Voice, Instrument, or Composition and Recital Preparation

One 50-minute lesson per week at the advanced level

Notes: Open to BFA music majors only. May be taken one time for degree credit. Register for course in the department

credit hours: 3

APMS 4231 Advanced Lessons/Recital Prep

Advanced Lessons/Recital Prep

One 50-minute lesson per week at the advanced level

Notes: Open to BFA music majors only. May be taken one time for degree credit. Register for course in the department

credit hours: 3

APMS 4232 Advanced Lessons/Recital Prep

Advanced Lessons/Recital Prep

One 50-minute lesson per week at the advanced level

Notes: Open to BFA music majors only. May be taken one time for degree credit. Register for course in the department

credit hours: 3

APMS 4233 Advanced Composition/Recital Prep

Advanced Composition/Recital Prep

One 50-minute lesson per week at the advanced level

Notes: Open to BFA music majors only. May be taken one time for degree credit. Register for course in the department

credit hours: 3

APMS 4234 Advanced Lessons/Recital Prep

Advanced Lessons/Recital Prep

One 50-minute lesson per week at the advanced level

Notes: Open to BFA music majors only. May be taken one time for degree credit. Register for course in the department

credit hours: 3

APMS 4300 Senior Recital Capstone

Senior Recital Capstone

One 50-minute lesson per week at the advanced level culminating in a senior recital.

Notes: Open to BFA music majors only. May be taken one time for degree credit. Register for course in the department

credit hours: 3

APMS 4910 Independent Study/Lecture Recital Prep/Lecture Recital

Independent Study/Lecture Recital Prep/Lecture Recital

This course is offered to transfer students or students going abroad, who will have missed one of their required 8 courses in private lessons necessary for the BFA in the track of Performance. It takes the place of ONE of the pre-senior year lessons courses.

credit hours: 3

MCGS 4560/4570 Musical Cultures of the Gulf South Service Learning Internship

Musical Cultures of the Gulf South Service Learning Internship
Internships will vary. See director for more information. May be taken for credit up to 2 times.
credit hours: 3

MUSC 1000 Fundamentals of Theory

Fundamentals of Theory

Basic course in the elements of music. Both semesters.

credit hours: 3

MUSC 1010 Fundamentals of Theory II: Songwriting

Fundamentals of Theory II: Songwriting

The focus of this course involves writing songs and acquiring basic skills in arranging.

Pre-requisites: MUSC 100 or approval of instructor.

credit hours: 3

MUSC 1050 The Art of Listening

The Art of Listening

A course designed to increase the listener's perception and enjoyment of music employing masterworks of the European classical tradition.

credit hours: 3

MUSC 1060 Survey of European Art Music

Survey of European Art Music

A chronological survey of masterworks of the European classical tradition.

Notes: For non-majors.

credit hours: 3

MUSC 1410 History of European Art Music to 1750

History of European Art Music to 1750

Primarily for music majors and minors.

credit hours: 3

MUSC 1420 History of European Art Music Since 1750

History of European Art Music Since 1750

Primarily for music majors and minors.

Pre-requisites: MUSC 1510 and APMS 1090 (or their equivalent), or permission of instructor.

Co-requisites: MUSC 1520 and APMS 1100 (or their equivalent), or permission of instructor.

credit hours: 3

MUSC 1510 Harmony

Harmony

The study of diatonic and secondary chord structures and progressions with written exercises and analysis of music from the common practice period. Basic musicianship laboratory.

Pre-requisites: Successful completion of a diagnostic examination administered to students prior to their enrolling in MUSC 151.

Co-requisites: APMS 109.

credit hours: 3

MUSC 1520 Advanced Harmony

Advanced Harmony

Chromatic harmony and modulation, written exercises using expanded harmonic vocabulary. Formal analysis of classic period works. Advanced musicianship laboratory.

Pre-requisites: MUSC 151 and APMS 109.

Co-requisites: APMS 110.

credit hours: 3

MUSC 1530 Jazz Theory

Jazz Theory

This course will be an intense study of jazz harmony and its application. The course is designed for music majors and minors as well as for non-majors who have a firm grasp of music fundamentals.

Pre-requisites: MUSC 1000 or equivalent or approval of instructor.

Co-requisites: APMS 2100.

credit hours: 3

MUSC 1890 Music in New Orleans

Music in New Orleans

Service learning students will gain firsthand knowledge of musical socialization - the role of young people in extending the city's musical traditions - by interacting with students and instructors at the Roots of Music afterschool music program for middle-school children. Service learning students will schedule 40 hours of work over the course of the semester. Each Tulane student will assist with academic tutoring one weekday per week from 3:30 pm to 6:00 pm.

credit hours: 3

MUSC 1900 New Orleans Music

New Orleans Music

This course is intended as an introductory survey of New Orleans music, including jazz, brass band, Mardi Gras Indian, rhythm and blues, funk, and hip-hop, through an intensive exposure to existing research, field trips, and occasional visits from local researchers and musicians. Musical socialization--the role of young people in extending the city's musical traditions--will be a running theme throughout the course and will connect the course materials to the optional service learning project.

credit hours: 3

MUSC 2010 Tonal Analysis: 18th-19th Centuries

Tonal Analysis: 18th-19th Centuries

An in-depth study of harmonic, contrapuntal, rhythmic, and formal procedures in representative works selected from the Baroque through the Romantic periods. Expanding and applying analytical skills learned in 1510 and 1520 to entire compositions.

Pre-requisites: MUSC 1520 and APMS 1100, or by examination.

Co-requisites: APMS 2090.

credit hours: 3

MUSC 2020 20th-Century Theory

20th-Century Theory

Analysis of works by Debussy, Stravinsky, Bartok, Hindemith, Schoenberg, Webern, Berg, Lutoslawski, etc. Writing skills based on 20th-century melodic and harmonic principles.

Pre-requisites: MUSC 2010 and APMS 2090.

Co-requisites: APMS 2100.

credit hours: 3

MUSC 2050 Orchestral Music

Orchestral Music

The development of music for orchestra from Bach to Mahler. Listening, reading, and written reports.

credit hours: 3

MUSC 2290 History of American Popular Music

History of American Popular Music

This is a survey history of American popular music from pre-Civil War Minstrelsy to MTV. The course is intended for the general student body, with no musical prerequisites required. Lectures integrate an in-depth discussion of the music itself, generously illustrated by recordings, with a solid presentation of the music's historical and cultural context. Major topics include the multicultural roots of American popular musics, the parallel development of four separate streams of popular music (an urban mainstream and three rural sub streams), the increasing tendency of these separate streams to interact to create new popular styles, and the function of the music industry in the dissemination of popular musical styles.

credit hours: 3

MUSC 2300 Introduction to Computer Applications in Music

Introduction to Computer Applications in Music

An introduction to the critical role of computers in the music field today. As a survey of computer tools and techniques, this course will include applied work with notation, MIDI, digital sound-editing and multi-media software.

Pre-requistites: MUSC 152 and APMS 110 and approval of instructor.

credit hours: 3

MUSC 2310 Electronic Music History: Music and Technology

Electronic Music History: Music and Technology

This course will involve an examination of the electronic music repertoire with a focus on both the music and technology. We will learn about the history of electronic music through philosophies, aesthetics, and technologies that have been and are being used today.

credit hours: 3

MUSC 2410 American Musics

American Musics

A chronological survey of music in the United States from the Pilgrims to jazz and rock. The course traces the widely varied paths taken by music in America and shows how the three spheres of folk, popular, and classical music have continually interacted to form a variegated whole. Lectures move from genre to genre, placing each in its historical and sociological order.

Notes: Primarily for music majors and minors.

Pre-requistites: MUSC 1520 and APMS 1100 (or their equivalent), or permission of instructor.

Co-requisites: MUSC 2010 and APMS 2090 (or their equivalent), or permission of instructor.

credit hours: 3

MUSC 2420 World Musics

World Musics

An overview of the field of ethnomusicology and the types of issues and concerns that have guided the research of world music within that field. A number of selected musical case studies

from Asia, the Middle East, Africa and the Americas that illuminate the differences and similarities between Western musics and their counterparts in other parts of the world. Particular interest will be given to the way in which cultural, social, and religious beliefs have informed stylistic, performance practice, and aesthetic development in other parts of the world as a means of reflecting about the same types of connections in Western music.

Notes: Primarily for music majors and minors.

credit hours: 3

MUSC 2450 Introduction to Opera

Introduction to Opera

Course includes lectures concerning the nature of opera and also a historical outline of the development of opera in Europe. Emphasis is then placed on viewing a number of complete operas, which will be screened on laser discs.

credit hours: 3

MUSC 2800 Introduction to Music Business

Introduction to Music Business

This course prepares students for operational and administrative as well as creative and technical positions within the music and entertainment industry.

credit hours: 3

MUSC 3300 Music Cultures of the World

Music Cultures of the World

A survey of music in different societies throughout the world with assignments and readings in music other than Western art music. The lectures explain how to listen to this music and consider systematically the function of music in societies ranging from Australian Aborigines, to Indian classical musicians, to urban popular music in Latin America.

Notes: Primarily for non majors.

credit hours: 3

MUSC 3310 Musics of Latin America

Musics of Latin America

This course will provide a survey of Latin American music and culture. The content of the course will change on a rotating basis each fall term. Topics include: Caribbean; Andean Countries; Mexico and Central America.

Notes: Course may be repeated for credit provided a different topic is covered.

credit hours: 3

MUSC 3320 Musical Theatre in America

Musical Theatre in America

A survey of vernacular theatre music in America from its European roots in opera buffa, ballad opera, and operetta through the jazz and rock developments of the sixties.

credit hours: 3

MUSC 3330 Jewish Music

Jewish Music

Survey of Jewish liturgical music from Biblical times to the present, and of Jewish popular, theatre, and folk music. Emphasis on European, Israeli, Sephardic, and American traditions.

credit hours: 3

MUSC 3340 History of Jazz

History of Jazz

Development of jazz as a cultural, sociological phenomenon, and survey of jazz styles.

credit hours: 3

MUSC 3350 Music in Contemporary Society

Music in Contemporary Society

An introduction to the music of the contemporary world as it interacts with social, political, and cultural processes that distinguish the 20th century. Examines the full spectrum of modern musical styles (classical, jazz, popular, folk, rock) as they have adapted to the mass communications technology of the present day.

credit hours: 3

MUSC 3360 The Latin Tinge: Jazz and Latin American Music in New Orleans and Beyond

The Latin Tinge: Jazz and Latin American Music in New Orleans and Beyond

This course explores the relationship of African-American popular music and Latin American popular music, with a special focus on how New Orleans is a key site mediating these musical mixtures. It compares U.S. popular styles with styles from other countries in the hemisphere.

credit hours: 3

MUSC 3370 Studies in the Great Composers

Studies in the Great Composers

The music of three influential composers is studied in depth against the background of their careers and times. The composers selected will change each term; contact the instructor or department for more information. Student must have ability to read, analyze, and discuss musical notation in order to be successful in the course.

Pre-requisites: MUSC 1410, MUSC 1420, MUSC 2010

credit hours: 3

MUSC 3390 World Vocal Traditions

World Vocal Traditions

This course is an ethnomusicological exploration of selected vocal traditions from around the world. Anchored around three sets of guest lectures and live performances by Tuvan throat singers, a Persian Jewish singer, and a singer of Afro-Cuban religious music, the course will examine both the musical sounds that voices can produce, and the ways in which these voices are woven into the cultures from which they emerge.

credit hours: 3

MUSC 3410 Russian Music

Russian Music

The history of 19th- and 20th-century Russian music with special emphasis on Tchaikovsky, Prokofiev, and Shostakovich.

credit hours: 3

MUSC 3430 The Blues in American Life

The Blues in American Life

The blues, as both a musical form and a state of being, is the primary layer of African American culture. This course considers how the blues permeates American life, through the music of work songs, rural blues, classic blues, jazz, rhythm and blues, cowboy and rock n roll.

credit hours: 3

MUSC 3440 Black Music, Black Lives

Black Music, Black Lives

Black music is celebrated as the signature artistic contribution America has given to the world. Music has been a source of power for people subject to enslavement, legal segregation, and an ongoing struggle for political citizenship and economic equity. This course highlights the agency of black musicians and the political significance of the music they have created, from slave songs to hip-hop. This is a social and cultural history, and no musical training is required for understanding course materials.

Notes: Optional writing practicum

credit hours: 3

MUSC 3450 Music and Politics

Music and Politics

Though often considered apart from social and political trends, music is central to thought and action in the public sphere. From patriotism to protest, from sponsorship to censorship, music challenges the belief that public opinion is expressed solely through language. Students are encouraged to listen for the politics of music, whether in Beethoven's symphonies written after the French Revolution or in the realist depictions of inner-city life in contemporary hip-hop.

Readings are drawn from recent research in social theory and the cultural study of music. This course is open to all undergraduate students.

credit hours: 3

MUSC 3460 Music, Religion, Spirit

Music, Religion, Spirit

Music forms vital part of ritual for most religions around the world. In performing and listening to music, religious affiliates seek connection with the supernatural, foster community ties, and create tradition bridging past, present, and future. Furthermore, music gives religious groups visibility in the broader society, whether in live or recorded performance. This course explores the traditional musical practices of the three major monotheistic religions -Judaism, Christianity, Islam -followed by one unit on Indian religions, and one unit about of selected spiritual practices inherited from Africa currently practiced in the Americas, including voodoo, candomble, and Santeria. We will also critically look at historical and current social perceptions reacting to these musical practices and to their practitioners. This is a cultural history class; no musical training is required.

credit hours: 3

MUSC 3480 Music and Gender

Music and Gender

In this course, we'll explore the relationship between gender and music in the West over the past 450 years. How have shifting rules and boundaries of gender identity interacted with similarly shifting rules and boundaries about beauty, function, and construction of music? In what ways has music helped to represent and/or define gender in culture? Further, how do gender identities intersect with other categories of social and cultural identity such as race, ethnicity, and class?

This course will use a variety of case studies from popular and art music to explore the relationships between musical practice and gender identification, including: the courtesans and castrati of Baroque opera; Glam Rock; Clara Schumann, jazz singers; and Elvis Presley. Course open to both music majors and non-majors.

credit hours: 3

MUSC 3880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

MUSC 4400 Music and Digital Signal Processing

Music and Digital Signal Processing

This course introduces the student to the breadth and depth of signal processing used in musical applications. The course will cover fundamentals of signal processing and familiarize the student with classic computer music theories as well as state-of-the art topics for sound synthesis, analysis, and computer music composition. Students work mostly in a graphical coding language for audiovisual applications called Pure Data. No prior coding experience is required although experience with Matlab, Python or other languages translates well. Pure Data is an excellent coding language for students interested in both creative applications and science and engineering projects.

credit hours: 3

MUSC 4410 Music Performance Systems

Music Performance Systems

This course is a HCI (Human Computer Interface)-based course with a concentration in musical applications. The course will be hands-on, writing code, building circuits with conjunction of microcontrollers and sensors.

credit hours: 3

MUSC 4420 Algorithmic and Computer Music Composition

Algorithmic and Computer Music Composition

This course will be an exploration of computer music composition using various available techniques and state-of-the-art tools. This will be a hands-on course with compositional exercises and projects, working in our digital studio, and producing a concert at the end of the term.

credit hours: 3

MUSC 4560 Internship Studies

Internship Studies

Qualified junior and senior majors may receive credit for work in musical institutions in the community, such as recording studios, the New Orleans Opera Association, the Louisiana Philharmonic Orchestra, and the like; this is to be accompanied by an academic component. Registration is administered by the Office Manager in the Department of Music, Brandt v. B. Dixon Performing Arts Center, Room 10.

Notes: Only one internship may be completed per semester. A maximum of three credits may be earned in one or two courses.

Pre-requisites: Approval of instructor and department chair.

credit hours: 1-3

MUSC 4570 Internship Studies

Internship Studies

Qualified junior and senior majors may receive credit for work in musical institutions in the

community, such as recording studios, the New Orleans Opera Association, the Louisiana Philharmonic Orchestra, and the like; this is to be accompanied by an academic component. Registration is administered by the Office Manager in the Department of Music, Brandt v. B. Dixon Performing Arts Center, Room 10.

Notes: Only one internship may be completed per semester. A maximum of three credits may be earned in one or two courses.

Pre-requisites: Approval of instructor and department chair.

credit hours: 1-3

MUSC 4800 The String Quartets of Beethoven

The String Quartets of Beethoven

An in depth analysis of all the Beethoven string quartets including Opus 1330. The graduating senior will be expected to utilize her/his skills in formal and theoretical analysis learned in MUSC 1510, 1520, and 2010, MUSC 1410 and 1420, and APMS 1090, 1100, and 2090. Emphasis is placed on studying the scores and listening to performances.

Pre-requisites: MUSC 1420 and MUSC 2010.

credit hours: 3

MUSC 4900 Introduction to New Orleans Jazz

Introduction to New Orleans Jazz

This course is designed to provide an historical introduction to the origins, idiomatic coalescence, and early development of New Orleans jazz.

credit hours: 3

MUSC 4910 Senior Design Project I

Senior Design Project I

credit hours: 1-3

MUSC 4920 Senior Design Project II

Senior Design Project II

credit hours: 1-3

MUSC 4953 Gospel Voices

Gospel Voices

This seminar is a cultural and anthropological study of the human voice as it has been utilized in African American gospel music. By listening to, reading about, and discussing black sacred music, we will focus on the voice and the expression of speech, sermon, and song. Challenging the assumption that sacred messages can only be delivered through the word of God (in the bible and other religious texts), this course analyzes the meaning communicated by voices and musical instruments. No prerequisites or musical knowledge is required.

credit hours: 3

MUSC 6230 Keyboard Literature 1600-1750

Keyboard Literature 1600-1750

credit hours: 3

MUSC 6240 Keyboard Literature 1750-1970

Keyboard Literature 1750-1970

credit hours: 3

MUSC 6260 The French Art Song

The French Art Song

credit hours: 3

MUSC 6310 Seminar in Music in the United States

Seminar in Music in the United States

credit hours: 3

MUSC 6320 Seminar in Musical Theatre

Seminar in Musical Theatre

credit hours: 3

MUSC 6340 Seminar in Jazz

Seminar in Jazz

credit hours: 3

MUSC 6400 Music and Digital Signal Processing

Music and Digital Signal Processing

See MUSC 4400 for course description.

credit hours: 3

MUSC 6410 Music Performance System

Music Performance System

See MUSC 4410 for course description.

credit hours: 3

MUSC 6420 Algorithmic and Computer Music Composition

Algorithmic and Computer Music Composition

See MUSC 4420 for course description.

credit hours: 3

MUSC 6930 Independent Study

Independent Study

credit hours: 1-3

MUSC 6940 Special Topics

Special Topics

credit hours: 3

MUSC 7010 Advanced Composition

Advanced Composition

credit hours: 3

MUSC 7030 Introduction to Graduate Studies

Introduction to Graduate Studies

credit hours: 3

MUSC 7060 Musical Cultures of New Orleans

Musical Cultures of New Orleans

New Orleans is an American city with a unique history as a European colony, a hub for the slave trade, and a destination for immigrants from Europe and the Americas. The city's celebrated

musical traditions have been created by a diverse mix of people and shaped by their interactions in the shared spaces of the city. This course is intended as a comprehensive overview of New Orleans music, including jazz, brass band, Mardi Gras Indian, rhythm and blues, funk, and hip-hop, through an intensive exposure to existing research and visits from local researchers and musicians. No musical training is required for understanding course materials.

Notes: Class is open to graduate students and seniors in any department.

credit hours: 3

MUSC 7930 Special Topics

Special Topics

credit hours: 3

MUSC 7940 Special Topics

Special Topics

credit hours: 3

MUSC 9980 Master's Research

Master's Research

credit hours: 0

MUSC H4910 Independent Studies

Independent Studies

For qualified students in any of the fields of music.

credit hours: 3

MUSC H4920 Independent Studies

Independent Studies

For qualified students in any of the fields of music.

credit hours: 3

MUSC H4930 Seminar

Seminar

Special problems in music.

credit hours: 3

MUSC H4940 Seminar

Seminar

Special problems in music.

credit hours: 3

MUSC H4990 Honors Thesis

Honors Thesis

For senior honors candidates in any field.

credit hours: 3

MUSC H5000 Honors Thesis

Honors Thesis

For senior honors candidates in any field.

credit hours: 3

MCGS 2000 Introduction to Musical Cultures of the Gulf South

Introduction to Musical Cultures of the Gulf South

An introduction to the culture of the Gulf South region with an emphasis on New Orleans music, history, ritual, dance, and cultural geography. Explores the musical relationship of the Gulf South region to the Caribbean and African diaspora. Introduces critical tools for analysis of the relationship of music and place. Themes of the course include ethnic migrations, social diversity, vernacular architecture, and slavery. Field trips to second-line parades, Mississippi River access points, diverse neighborhoods and historical slave markets.

credit hours: 3

PHIL 1010 Introduction to Philosophy

Introduction to Philosophy

A general introduction to problems concerning knowledge, reality, and conduct.

credit hours: 3

PHIL 1020 Philosophies of the Self

Philosophies of the Self

An examination of several theories of the nature of self and its relation to society and to the world.

credit hours: 3

PHIL 1030 Ethics

Ethics

A critical study of alternative theories of the good life, virtue and vice, right and wrong, and their application to perennial and contemporary moral problems.

credit hours: 3

PHIL 1040 Beginning with Minds

Beginning with Minds

A topical introduction to philosophy which surveys historical and current work in philosophy of mind and the study of cognition. The material revolves around the reasons we have to attribute minds to people. We explore several reasons for having a mind: the capacity for knowledge, innate representations, language, consciousness, agency, control over the body, freedom from natural causality. This course is particularly useful for those students interested in the cognitive studies program, a coordinate major.

credit hours: 3

PHIL 1060 Critical Thinking

Critical Thinking

This course is intended to enhance the student's analytical reasoning skills. Emphasis is placed on the study of arguments and the development of techniques of informal logic for assessing their cogency.

credit hours: 3

PHIL 1210 Elementary Symbolic Logic

Elementary Symbolic Logic

The course concerns techniques of analyzing sentences and arguments by uncovering the formal structures and relations which underlie them. This involves translating ordinary language into the symbolic formulas of elementary logical systems and proving formalized arguments.

Notes: This course satisfies the mathematics proficiency requirement.

credit hours: 3

PHIL 1330 The Meaning of Life

The Meaning of Life

The question, What is the meaning of life?, has been regarded as one of the most important and profound of human inquiries. This course will examine a number of different philosophical attempts to address this question.

credit hours: 3

PHIL 2010 History of Ancient Philosophy

History of Ancient Philosophy

A study of ancient Greek philosophy, focusing on the thought of the Pre-Socratics, Plato, and Aristotle.

credit hours: 3

PHIL 2020 History of Modern Philosophy

History of Modern Philosophy

A study of early modern philosophy, focusing on the period from Descartes through Kant.

credit hours: 3

PHIL 2030 Minds, Machines, and Experience

Minds, Machines, and Experience

Introduction to philosophical issues in the study of mind and consciousness. Topics include: the place of mind in the natural world; mechanism and thought; computer intelligence; consciousness and the mind-body problem; mental causation and explanation.

credit hours: 3

PHIL 2110 Classics of Ancient Political Philosophy I

Classics of Ancient Political Philosophy I

A study of classical works of political philosophy in the Western tradition, primarily Plato's Republic and Aristotle's Politics.

credit hours: 3

PHIL 2120 Classics of Ancient Political Philosophy II

Classics of Ancient Political Philosophy II

A study of classical works of modern political philosophy in the Western tradition, including those of Machiavelli, Hobbes, Locke, Rousseau, Marx, or Mill.

credit hours: 3

PHIL 2190 Philosophy and History of Natural Science

Philosophy and History of Natural Science

Scientific method will be analyzed as a process of stages and illustrated by historical examples. The philosophical presuppositions of science are examined in light of the historical shift from Aristotelian to modern science. Whether change in scientific theories is revolutionary or evolutionary is studied with reference to actual case histories.

credit hours: 3

PHIL 2200 Matter and Consciousness

Matter and Consciousness

A systematic survey of philosophical and foundational theories of mind and cognition of this century. The course begins with the philosophical legacy of earlier centuries (mind/body dualism, consciousness and privileged access, introspection, sense data, and phenomenology),

considers the first scientific response to this legacy (behaviorism and the rise of scientific psychology), and then follows the major theoretical positions and debates of this century such as physicalism and reductionism, functionalism and the computer model of the mind, eliminative materialism and neurophilosophy, instrumentalism, and common sense psychology.

credit hours: 3

PHIL 2600 Ethics in Business

Ethics in Business

This course is about how to deal with moral problems in business management with integrity. The scope and resources for making principled responses to ethical challenges will be examined and a variety of cases will be analyzed.

credit hours: 3

PHIL 2880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

PHIL 2930 Special Topics in Philosophy

Special Topics in Philosophy

Examination of philosophical issues not typically covered in existing courses.

Notes: Primarily for freshmen and sophomores.

credit hours: 3

PHIL 3010 Philosophy of Religion

Philosophy of Religion

A study of major philosophical ideas and figures in the philosophy of religion.

credit hours: 3

PHIL 3020 Topics in Bible and Philosophy

Topics in Bible and Philosophy

The Western tradition has two roots—Jerusalem and Athens, or the Bible and Greek philosophy. This course will be devoted to a reading of the Bible with a view to the fundamental philosophic questions it raises. Courses in different semesters will focus on various biblical texts (Genesis; Exodus and Deuteronomy; Samuel & Kings; Job), with relevant philosophic reflections drawn from Plato, Aristotle, Maimonides, Machiavelli, Kant, Kierkegaard, and others.

credit hours: 3

PHIL 3030 Philosophy of Art

Philosophy of Art

A philosophical inquiry into the nature of art in its various forms, including poetry and literature, painting and sculpture, dance and music. Based on readings of classical and contemporary texts, we will address questions such as: What makes an object a work of art? How do different forms of art influence each other? How is art related to scientific inquiry and philosophy? What is the role of art in social and political life?

credit hours: 3

PHIL 3050 Moral Philosophy

Moral Philosophy

A critical inquiry into the major issues of normative and critical ethics. Problems and positions concerning moral conduct and responsibility and the meaning and justification of ethical discourse are discussed in connection with readings from classical and contemporary sources.
credit hours: 3

PHIL 3070 Mathematical Logic

Mathematical Logic

An introduction to and survey of the mathematical study of formalized logical systems.
credit hours: 3

PHIL 3090 Existentialism

Existentialism

A study of characteristic existentialistic themes as exemplified in the writings of thinkers like Kierkegaard, Nietzsche, Heidegger, or Sartre.
credit hours: 3

PHIL 3100 19th-Century European Philosophy

19th-Century European Philosophy

A study of major philosophical ideas and figures from Hegel through Nietzsche.
credit hours: 3

PHIL 3110 Contemporary European Philosophy

Contemporary European Philosophy

A study of major philosophical issues and figures in 20th-century continental philosophy, including Husserl, Heidegger, and Sartre, among others.
credit hours: 3

PHIL 3120 Analytic Philosophy

Analytic Philosophy

An introduction both to major figures in the analytic tradition such as Frege, Russell, and Quine, and to major problems such as meaning, reference, and truth.
credit hours: 3

PHIL 3130 Classic American Thought

Classic American Thought

Readings in American philosophy from early 17th century to late 19th century, covering representative thinkers from the Puritans to the pragmatists.
credit hours: 3

PHIL 3140 Recent American Philosophy

Recent American Philosophy

Readings in American philosophy from the pragmatists to the present.
credit hours: 3

PHIL 3150 Logical Empiricism: Meaning and Metaphilosophy

Logical Empiricism: Meaning and Metaphilosophy

Survey of main figures and movements in logical empiricism. Topics may include meaning and verification, the nature of philosophical inquiry, the unity of scientific discourse.
credit hours: 3

PHIL 3200 Plato

Plato

An in-depth reading of one or more of the Platonic dialogues.

Pre-requisites: PHIL 201 or permission of instructor.

credit hours: 3

PHIL 3240 Medieval Philosophy

Medieval Philosophy

A study of major thinkers in the Christian, Islamic, and Jewish traditions, such as Augustine, Aquinas, Alfarabi, Averroes, or Maimonides.

credit hours: 3

PHIL 3340 Humanity's Place in Nature

Humanity's Place in Nature

This course will compare the predominant Western conception of humanity's place in nature with alternative conceptions, including those held by non-Western thinkers.

credit hours: 3

PHIL 3410 Theory of Knowledge

Theory of Knowledge

An introduction to epistemology. Topics may include the problem of skepticism, theories of epistemic justification, the nature of empirical knowledge, a priori or mathematical knowledge, and our introspective knowledge of our mental states.

credit hours: 3

PHIL 3420 Metaphysics

Metaphysics

An introduction to one or more topics in metaphysics, including causality, identity, modality, existence, persons and minds, universals and particulars, space and time, and the nature and possibility of metaphysics itself.

credit hours: 3

PHIL 3430 Semantics of Natural Language

Semantics of Natural Language

An introduction to the study of meaning in natural languages. The central techniques involve extending the methods of logical semantics for formal languages. No prerequisites, but prior exposure either to generative grammar (e.g., ANTH 3590) or symbolic logic (e.g., PHIL 1210) would not be wasted.

credit hours: 3

PHIL 3500 Buddhism

Buddhism

This course examines the metaphysical, epistemological, religious, and psychological dimensions of Buddhism, while also tracing its development from India into Southeast Asia, China, Japan, and the West.

credit hours: 3

PHIL 3510 History of Ethics

History of Ethics

The historical development of philosophies concerning the good life, moral duty and right, choice

and consequences, freedom and necessity in their personal and social nature.

credit hours: 3

PHIL 3550 Medical Ethics

Medical Ethics

A systematic and critical study of ethical problems in medicine concerning the physician-patient relationship, life and death, and social responsibility.

credit hours: 3

PHIL 3560 Social and Political Ethics

Social and Political Ethics

A study of the arguments and positions advanced by philosophers with regard to the need for and justification of social and political institutions and with regard to the character of human rights, justice, and the good society.

credit hours: 3

PHIL 3580 Ethical Theory

Ethical Theory

This course surveys the prominent ethical theories of the late nineteenth and twentieth centuries. It considers both theories of meta ethics and normative ethics. Theories to be examined include: relativism, subjectivism, egoism, moral realism, utilitarianism, Kantianism, contractualism, virtue theory, and Existentialism.

credit hours: 3

PHIL 3590 Greek Philosophy and Jewish Thought

Greek Philosophy and Jewish Thought

Western culture has a double source, the Bible and Greek philosophy, or Jerusalem and Athens. Are the two traditions harmonious or do they stand in some essential tension with each other? This course will approach that question by examining the response of some important Jewish thinkers, Maimonides in particular, in their encounter with the teachings of Plato and Aristotle.

credit hours: 3

PHIL 3640 Philosophy of Law

Philosophy of Law

A study of the character and justification of law and legal systems. Legal realism, legal positivism, and natural law theories are explored as are such law-related issues as punishment, the enforcement of morals, and the grounds of legal responsibility.

credit hours: 3

PHIL 3650 Crime and Punishment

Crime and Punishment

This course offers a critical examination of philosophical issues involving crime and punishment. In the first half, we will ask what forms of behavior, if any, the state is entitled to declare to be criminal, focusing on such issues as drug abuse, prostitution, blackmail, gambling, hate speech, suicide, pornography, ticket scalping, insider trading, and gun control. In the second half, we will ask what forms of punishment, if any, the state is entitled to impose on those who violate those laws, if any, which are permissible, focusing on such issues as capital punishment, corporal punishment, and competing justifications of punishment in general.

credit hours: 3

PHIL 3660 Anarchy

Anarchy

This course examines diverse philosophic treatments of anarchy. Specific topics may include: various anarchist views, such as those embracing private or communal property; defenses of anarchism based in natural rights, autonomy, efficiency, or avoidance of pernicious tendencies of states; theories according to which the state is justified as a means for addressing conflicts or deficiencies endemic in an anarchic state of nature; arguments regarding the authority of states and our obligations to obey laws; philosophical fiction concerning anarchistic utopias or related themes.

credit hours: 3

PHIL 3740 Consciousness

Consciousness

This course addresses questions such as the following: What is consciousness and why is it puzzling, if not mysterious? Is consciousness one phenomenon or many? What mechanisms and competencies underpin consciousness? Where (brain location)? Who are the possessors of consciousness, phylogenetically and ontogenetically? Why consciousness: its rationale and functions? How does consciousness emerge from matter (if at all)?

credit hours: 3

PHIL 3750 Foundations of Cognitive Science

Foundations of Cognitive Science

This course will serve as an overview to theoretical approaches and debates in cognitive science, viewed through a philosophical lens.

credit hours: 3

PHIL 3760 Interpreting Minds

Interpreting Minds

A systematic introduction to the recent and dynamic interdisciplinary research area in naive psychology or theory of mind. The course begins with the philosophical debates about naive or folk psychology, then surveys the main empirical data, key experiments and hypotheses about ape and child interpretation of minds, and concludes with a comparative analysis of several much debated proposals about how the interpretation of minds is accomplished through innate mechanisms (modules), by simulation or in terms of a naive theory.

credit hours: 3

PHIL 3765 Imagination

Imagination

This class is an advanced undergraduate overview of imagination, construed as cognitive competence. In an interdisciplinary spirit, covering data and theories from philosophy, cognitive and developmental psychology as well as neuroscience, the class surveys such topics as the evolutionary reasons for imagination; the cognitive and cerebral mechanisms of imagination; the format of imaginative representations-pictorial versus symbolic; the ontogeny of imagination; and connections between imagination and reasoning, deliberation and foresight.

Notes: Counts as an elective in Cognitive Studies

credit hours: 3

PHIL 3800 Language and Thought

Language and Thought

An introduction to the philosophy of language and mental representation. Major topics: the relations between language and thought, models of mind, representation as computation, the language of thought, mental imagery, propositional attitudes, meaning and intentionality.

credit hours: 3

PHIL 3850 Terrorism

Terrorism

An examination of terrorism and counter terrorism with emphasis on moral issues.

credit hours: 3

PHIL 3870 Mind in Evolution

Mind in Evolution

As any biological capacity, the mind must have evolved. Can evolution explain its design? The mind has many components, from perception to language and thinking. Are they all products of natural selection, of other evolutionary forces, or of no such forces at all? Can evolution explain the uniqueness of the human mind? What could be the factors that explain this uniqueness: tool making, language, social life? In attempting to answer these questions, the class brings an evolutionary perspective to some important topics in philosophy of mind and philosophical psychology and offers a multidisciplinary introduction to the emerging but rapidly developing field of evolutionary cognitive science.

credit hours: 3

PHIL 3880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement..

Co-requisites: Three-credit departmental course.

credit hours: 1

PHIL 3930 Special Topics in Philosophy

Special Topics in Philosophy

credit hours: 3

PHIL 3940 Special Topics in Philosophy

Special Topics in Philosophy

credit hours: 3

PHIL 6040 Philosophy of Law

Philosophy of Law

credit hours: 3

PHIL 6050 Moral Philosophy

Moral Philosophy

An advanced critical inquiry into the major issues of normative and critical ethics. Problems and positions concerning moral conduct and responsibility and the meaning and justification of ethical discourse are discussed in connection with readings from classical and contemporary sources.

Pre-requisites: One previous course in ethics or graduate standing.

credit hours: 3

PHIL 6060 Advanced Symbolic Logic

Advanced Symbolic Logic

Translation of propositions into quantified formulas with single-place and relational predicates. Deduction by quantification rules. Also, theorematic development of an axiomatic logic system.

Pre-requisites: PHIL 1210 or equivalent.

credit hours: 3

PHIL 6100 Skepticism

Skepticism

A study of historical and contemporary skepticism about knowledge.

credit hours: 3

PHIL 6105 Philosophy of Neuroscience

Philosophy of Neuroscience

This course will introduce students to interdisciplinary research at the intersection of philosophy and neuroscience. The course will cover both historical and current material. Topics will include the relationship between neuroscience and psychology, neuroscience and the "self," the neural correlates of consciousness, and the localization of function in the brain.

credit hours: 3

PHIL 6120 Metaphysics

Metaphysics

An examination of basic problems of metaphysics (e.g. being, substance, universals, identity, freedom) as treated by the main traditions in classical and contemporary thought.

credit hours: 3

PHIL 6130 Moral Psychology and Meta-Ethics

Moral Psychology and Meta-Ethics

This seminar offers students the opportunity to develop more deeply their understanding of the origins and nature of moral attitudes and beliefs, and thus to probe more fully issues to which they had been introduced in previous courses in ethics. Optional Capstone for senior majors and second semester juniors with 5110 add-on. Writing Practicum option.

credit hours: 3

PHIL 6150 Freedom and the Self

Freedom and the Self

Free will is one of the main puzzles in philosophy. While human beings ordinarily think that their choices are free, it is difficult to see how this conception can go together with modern scientific conceptions of nature. The problem is not only to establish whether human beings have free will, but whether it is an intelligible conception at all. This course will examine major approaches put forward to solve this puzzle, drawn from contemporary as well as classical sources.

credit hours: 3

PHIL 6170 Philosophy of Perception

Philosophy of Perception

A systematic philosophical and interdisciplinary examination of major theories of perception.

Pre-requisites: Approval of instructor.

credit hours: 3

PHIL 6180 Mental Representation

Mental Representation

A survey and evaluation of major theories of mental representation drawing on recent work in philosophy of mind, cognitive psychology, linguistics, semantics, and artificial intelligence. Major topics: linguistic representation, the language of thought, propositional attitudes, mental imagery, and innate representations.

Pre-requisites: Approval of instructor.

credit hours: 3

PHIL 6200 Plato

Plato

An in-depth study of one or more of the Platonic dialogues, Republic, Theaetetus, Sophist, Statesman, Parmenides, Philebus or Timaeus, with reading and discussion of related dialogues as background.

Notes: Can be repeated once for up to 6 credits.

Pre-requisites: PHIL 2010 or PHIL 2110.

credit hours: 3

PHIL 6210 Aristotle

Aristotle

An in-depth study of one or more of the Aristotelian treatises, Metaphysics, Physics and De anima, Ethics, Politics, or the logical writings.

Notes: Can be repeated once for up to 6 credits.

Pre-requisites: PHIL 2010 or PHIL 2110.

credit hours: 3

PHIL 6260 Rationalism

Rationalism

Descartes, Spinoza, and/or Leibniz examined individually and as contributors to one of modern philosophy's historical developments.

Pre-requisites: PHIL 2020, or equivalent.

credit hours: 3

PHIL 6270 Empiricism

Empiricism

Locke, Berkeley and/or Hume examined both individually and as contributors to one of modern philosophy's historical developments.

Pre-requisites: PHIL 2020 or equivalent.

credit hours: 3

PHIL 6290 Kant's Ethics

Kant's Ethics

An examination of Kant's Groundwork and Critique of Practical Reason. Topics include Kant's view of the nature of morality, the role of the Categorical Imperative, as well as his views on worth, respect, dignity and autonomy.

credit hours: 3

PHIL 6330 Nietzsche

Nietzsche

A close reading and critical examination of selected major works of Nietzsche.

Pre-requisites: PHIL 2020 or 2120.

credit hours: 3

PHIL 6340 Heidegger

Heidegger

A close reading and critical examination of selected major works of Heidegger.

Pre-requisites: PHIL 2020 or 2120.

credit hours: 3

PHIL 6490 17th Century Political Philosophy

17th Century Political Philosophy

This course will focus on the most important political philosophers of the 17th century , e.g., Hugo Grotius, Thomas Hobbes, and John Locke--authors who founded and set the agenda for much of modern western political philosophy. A central theme of the course will be the attempts by these authors to reconcile the autonomous pursuit by individuals of their own self-preservation and happiness with moral order and social cooperation. What sort of state (if any) with what sort of authority (if any) facilitates individual freedom, justice, and social order? (Optional Capstone)

Pre-requisites: Two courses at or above the 2000 level in ethics, philosophy of law, political philosophy- or comparable courses from other prog

credit hours: 3

PHIL 6510 Theories of Economic Justice

Theories of Economic Justice

A study of alternative conceptions of economic justice including the conceptions offered by utilitarians, contractarians, natural rights theorists, and Marxists. Other topics include the just distribution of natural resources and the choice between command and market economies.

credit hours: 3

PHIL 6620 Philosophical Logic

Philosophical Logic

Central topics in philosophical logic are covered, including reference, predication, vagueness, logical form, counterfactuals, propositional attitudes, logical truth, paradoxes.

Pre-requisites: Approval of instructor.

credit hours: 3

PHIL 6740 Contemporary Political Philosophy

Contemporary Political Philosophy

An analysis of contemporary approaches to normative concepts in politics, concentrating on political philosophers such as Arendt, Marcuse, Oakeshott, Rawls, and Strauss.

credit hours: 3

PHIL 6750 Utilitarianism

Utilitarianism

An examination of the utilitarian tradition and the modern debate over whether some version of utilitarianism is likely to serve as the most adequate moral and political philosophy.

credit hours: 3

PHIL 6760 Mill's Utilitarian Liberalism

Mill's Utilitarian Liberalism

A study of the liberal moral and political philosophy of John Stuart Mill, including his utilitarian ethics, doctrine of individual liberty, theory of constitutional democracy, and analysis of capitalism

versus socialism.

credit hours: 3

PHIL 6880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

PHIL 6930 Special Offerings

Special Offerings

For specific offering, see the Schedule of Classes. For description, consult department.

Pre-requisites: Two courses in philosophy and junior standing.

credit hours: 3

PHIL 6940 Special Offerings

Special Offerings

For specific offering, see the Schedule of Classes. For description, consult department.

Pre-requisites: Two courses in philosophy and junior standing.

credit hours: 3

PHIL 7030 Epistemology

Epistemology

credit hours: 3

PHIL 7060 Ethical Theory

Ethical Theory

credit hours: 3

PHIL 7200 Topics in the History of Philosophy

Topics in the History of Philosophy

credit hours: 3

PHIL 7280 Kant: The Critique of Pure Reason

Kant: The Critique of Pure Reason

credit hours: 3

PHIL 9980 Master's Research

Master's Research

credit hours: 0

PHIL 9990 Dissertation Research

Dissertation Research

credit hours: 0

PHIL H4910 Independent Studies

Independent Studies

Pre-requisites: Approval of department.

credit hours: 3

PHIL H4920 Independent Studies

Independent Studies

Pre-requisites: Approval of department.

credit hours: 3

PHIL H4990 Honors Thesis

Honors Thesis

Notes: For senior honors candidates.

credit hours: 3

PHIL H5000 Honors Thesis

Honors Thesis

Notes: For senior honors candidates.

credit hours: 3

PECN 3010 Positive Political Economy

Positive Political Economy

This course is designed to provide students with an introduction to the field of positive political economy. Positive political economy seeks to understand and predict policy outcomes and political behavior. The course will take an interdisciplinary approach that uses tools and concepts from economics to study politics and political behavior. The course will presume that political actors are rational and goal oriented. Using this approach, the course will examine how institutional constraints in the political environment affect the choices of these actors and the resulting political outcomes.

credit hours: 3

PECN 3020 Political Economy: An Historical Overview

Political Economy: An Historical Overview

This course introduces students to the question of how different modern Western societies and thinkers have defined the relationships between political and economic activities. Beginning with the experience of Europe in the 15th century, it examines what the unprecedented wealth of modern Western societies has meant for the understanding and practice of politics. It also explains what caused the economic abundance of Western nations to come into being in the first place, and how that abundance has been sustained over time.

credit hours: 3

PECN 3030 The Individual, Society, and State

The Individual, Society, and State

This course presents an integrated study of the main alternatives in political ideology (liberalism, socialism, fascism, Marxism) advocated in the modern world and the exemplifications of these ideologies in practice in the modern world (post-war West Germany, 20th-century Britain, Mussolini's Italy, the former Soviet Union).

credit hours: 3

PECN 3040 Comparative and International Political Economy

Comparative and International Political Economy

Virtually all contemporary economies are characterized by extensive relations between the economic and political systems. Furthermore, these relations seem to involve often complex relations between the global, national, and sub-national political economies. This fact is currently referred to as globalization. However, it is clear that globalization, whatever it is, has different

effect on national (and sub-national) political economies. In this course, we will: 1) attempt to develop an understanding of globalization; 2) develop a comparative analysis of the links between globalization and national outcomes; and 3) examine the international institutions that attempt to manage globalization. Because time is finite, and there are other courses, we will focus primarily on advanced democracies.

credit hours: 3

PECN 4010 Constitutionalism: Ancient Athens to Present

Constitutionalism: Ancient Athens to Present

This course discusses the historical development of constitutionalism, with a view to understanding what is common to the various forms of constitutional government which have appeared in different societies from classical Athens to modern America.

credit hours: 3

PECN 4040 Democracy, Capitalism, and Free Speech

Democracy, Capitalism, and Free Speech

This course discusses freedom of expression in the context of advanced capitalist democracies such as the U.S. Topics include justifications for free speech, its proper scope, tensions between democratic self-government and capitalist mass media, and Supreme Court decisions relating to freedom of expression.

credit hours: 3

PECN 4140 Theories of Distributive Justice

Theories of Distributive Justice

This class introduces students to competing theories of social justice, with a particular focus on distributive justice. The course primarily focusses on three different theories proposed by, respectively, John Rawls, Amartya Sen, and John Stuart Mill.

credit hours: 3

PECN 4300 Behavioral Economics and Public Policy

Behavioral Economics and Public Policy

This course provides an overview of research in behavioral economics" which integrates insights from psychology into economic models of behavior. An important emphasis will be on how insights into behavioral economics can and should influence the design of public policy programs. "

Pre-requisites: Economics 3010.

credit hours: 3

PECN 4400 Law and Economics of the Regulatory State

Law and Economics of the Regulatory State

This course is designed to introduce students to the law and economics of the regulatory state and the challenges to governance posed by the regulatory state. Students will be expected to develop an understanding of key legal principles as well as to apply economic analysis of legal rules. For each of the topics, a discussion of legal principles will be paired with the relevant economic analysis. Prerequisites: ECON 1010 and ECON 3010.

Pre-requisites: ECON 1010, 3010

credit hours: 3

PECN 4560 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing. Only one internship may be completed per semester. Certain internships may satisfy the public service graduation requirement with prior approval of the department and the Center for Public Service.

Notes: A maximum of six credits may be earned in one or two courses.

Pre-requisites: Approval of instructor and Program Director.

credit hours: 1-3

PECN 4570 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing. Only one internship may be completed per semester. Certain internships may satisfy the public service graduation requirement with prior approval of the department and the Center for Public Service.

Notes: A maximum of six credits may be earned in one or two courses.

Pre-requisites: Approval of instructor and Program Director.

credit hours: 1-3

PECN 4970 Special Topics in Political Economy

Special Topics in Political Economy

credit hours: 3

PECN 4980 Special Topics in Political Economy

Special Topics in Political Economy

credit hours: 3

PECN 6000 Majors Seminar (Capstone)

Majors Seminar (Capstone)

The political economy majors' seminar focuses on a large theme or question that no single discipline in the program uniquely claims for its own and no one approach exhausts. Example of such issues: the rise of the nation state, capitalism and democracy, the foundations of economic behavior, the organization and meaning of work, and industrialization, economic growth, and social change. In designing a majors seminar, faculty define the issues that most engage them as teachers and scholars and that sustain a coherent cross-disciplinary course offering.

credit hours: 3

PECN 6750 Utilitarianism: From Bentham to Harsanyi

Utilitarianism: From Bentham to Harsanyi

This course introduces students to the utilitarian tradition and to the modern debate over whether some version of utilitarianism is likely to serve as the most adequate moral and political philosophy.

credit hours: 3

PECN H4910 Independent Studies

Independent Studies

Qualified students are allowed to arrange for independent study with approval of instructor and their faculty adviser.

Pre-requisites: Departmental approval.

credit hours: 3

PECN H4920 Independent Studies

Independent Studies

Qualified students are allowed to arrange for independent study with approval of instructor and their faculty adviser.

Pre-requisites: Departmental approval.

credit hours: 3

PECN H4990 Honors Thesis

Honors Thesis

Intensive reading, research and writing in a selected field of political economy. Students should discuss their honors thesis with a prospective director during the second semester of their junior year.

Notes: For senior honors candidates.

credit hours: 3

PECN H5000 Honors Thesis

Honors Thesis

Intensive reading, research and writing in a selected field of political economy. Students should discuss their honors thesis with a prospective director during the second semester of their junior year.

Notes: For senior honors candidates.

credit hours: 3

PECN H6010 Honors Seminar

Honors Seminar

A seminar for junior and senior honors students in political economy. Specific themes will be announced each semester.

credit hours: 3

POLA 2100 American Government

American Government

An introductory survey of government at the national level with emphasis on constitutional principles and significant contemporary trends and problems.

credit hours: 3

POLA 3010 Special Projects

Special Projects

credit hours: 3

POLA 3020 Special Projects

Special Projects

credit hours: 3

POLA 3110 State and Local Politics

State and Local Politics

This course examines the roles and responsibilities of state governments and the complex dynamics of state politics in the U.S. federal system. It uses a comparative state perspective to examine state government institutions, political behavior in the states, and the major areas of policy frequently addressed in the states.

credit hours: 3

POLA 3130 Current American Politics

Current American Politics

This course will examine the competition for political power at the national level through the lens of the elections and American government. The course will focus on the political environment surrounding elections and the techniques used by campaigns. We will also investigate the roles of various political institutions in the election cycle, paying special attention to political strategy. We will spend a significant amount of time understanding the role and effects of different types of political persuasion. Each class will be devoted to examining fundamental components of policy debates including an analysis of the relevant political actors of each debate. To accomplish this task, the course will rely on frequent guest speakers, including prominent researchers, journalists, political party leaders, politicians, pollsters, and political strategists.

credit hours: 3

POLA 3150 Elections in America

Elections in America

The focus is on candidates, political parties, the press, consultants, and public opinion in elections and political campaigns. Covers presidential and congressional elections. Each semester, special attention is paid to a topic such as the economy, fundraising, activists, or campaign techniques.

Pre-requisites: POLA 2100

credit hours: 3

POLA 3160 Political Parties

Political Parties

A study of theories of political parties in the United States and other democracies. The stress is on the electoral and governmental role of party organizations.

Pre-requisites: POLA 2100

credit hours: 3

POLA 3200 Congress

Congress

A study of the United States Congress with emphasis on its development, its internal structure, the relationship of the elected representatives to their constituents, and the legislative process itself.

Pre-requisites: POLA 2100

credit hours: 3

POLA 3220 The American Presidency

The American Presidency

A study of the office of the President of the United States that includes both historical review and analysis of the presidential role in our national government. A main focus of the course is on the relative importance of particular presidents and their leadership capacities and the limitations on the office itself.

credit hours: 3

POLA 3240 Public Policy

Public Policy

This course covers the policy making process for domestic policy in the United States. We will study the following questions: Why do some problems reach the political agenda and others do

not? Who are the important actors in the policy process and what roles do they play? What are the values at stake with policy debates? What explains why certain solutions are offered and others are rejected? How do we know if a policy has been successful?

credit hours: 3

POLA 3270 Courts and Politics

Courts and Politics

Analysis of the political factors that influence courts, their staffing, their decisions, and their policymaking role. The interaction between legal policies and structures and political institutions and their development will be addressed.

credit hours: 3

POLA 3272 Big Easy Politics

Big Easy Politics

The objective of this course is for students to examine the level of government with the greatest impact on the daily lives of Americans--local government. Specifically, we will focus on the politics, functions, and governmental structure of the City of New Orleans.

credit hours: 3

POLA 3280 Southern Politics

Southern Politics

This class is designed to provide a comprehensive overview of Politics in the American South. The course focuses on both the distinctiveness of the region and the South's influence on the nation. The course selectively examines historical as well as contemporary issues related to the eleven states of the Old Confederacy.

Notes: Writing Practica Option.

credit hours: 3

POLA 3910 Independent Study

Independent Study

Independent study on a suitable topic, with consent of instructor

credit hours: 3

POLA 3920 Independent Study

Independent Study

Independent study on a suitable topic, with consent of instructor

credit hours: 3

POLA 4010 Special Projects

Special Projects

For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLA 2100

credit hours: 3

POLA 4020 Special Projects

Special Projects

For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLA 2100

credit hours: 3

POLA 4110 Policy Research Shop

Policy Research Shop

The Policy Research class creates a partnership between city government and Tulane students in order to address issues of concern to the city and increase students' civic engagement. In this course, the professor solicits policy topics from elected and appointed officials and bureaucrats and the students write policy briefs on these issue areas. In exchange for the policy brief, policy sponsors agree to allow the students to present their findings at an official forum, such as a city council meeting.

credit hours: 3

POLA 4120 Louisiana Politics

Louisiana Politics

A review of topics in Louisiana politics, including right- and left-wing populism, campaign techniques, diversion of campaign funds and rewards for supporters, the culture of sociability, and the history of racial, regional, and religious cleavage. For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLA 2100

credit hours: 3

POLA 4140 Urban Politics

Urban Politics

This course is an introduction to urban politics in the United States. It will focus on problems of cities and discuss solutions to these problems, including the lack of formal authority and high rates of class, race, and ethnic heterogeneity and segregation. We will focus on the heritage of municipal government in the U.S., the development of their responsibilities, and the role of federal and state governments in municipal affairs. The course will also spend time discussing some of the solutions for residents of urban areas to try to advocate for change.

Pre-requisites: POLA 2100, POLS 2010 or consent of instructor

credit hours: 3

POLA 4150 Elections in America

Elections in America

Pre-requisites: POLA 2100 and POLS 2010 - The focus is on candidates, political parties, the press, consultants, and public opinion in elections and political campaigns. Covers presidential and congressional elections. Each semester, special attention is paid to a topic such as the economy, fundraising, activists, or campaign techniques.

Pre-requisites: POLA 2100, POLS 2010 or consent of instructor

credit hours: 3

POLA 4160 Political Parties

Political Parties

Pre-requisites: POLA 2100 and POLS 2010 - A study of theories of political parties in the United States and other democracies. The stress is on the electoral and governmental role of party organizations.

Pre-requisites: POLA 2100, POLS 2010 or consent of instructor

credit hours: 3

POLA 4170 The American Presidency

The American Presidency

Pre-requisites: POLA 2100 and POLS 2010 - A study of the office of the President of the United States that includes both historical review and analysis of the Presidential role in our national government. A main focus of the course is on the relative importance of particular presidents and their leadership capacities and the limitations on the office itself.

Pre-requistites: POLA 2100, POLS 2010 or consent of instructor

credit hours: 3

POLA 4180 American Political Culture

American Political Culture

An examination of the American ways of practicing politics and thinking about governance. The course compares culture two centuries ago with the present, American with non-American political culture, political culture with market culture, and the dominant cultures with subcultures. Students will conduct research on aspects of New Orleans political culture. For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requistites: POLA 2100

credit hours: 3

POLA 4200 Congress

Congress

Pre-requisites: POLA 2100 and POLS 2010- A study of the United States Congress with emphasis on its development, its internal structure, the relationship of the elected representatives to their constituents, and the legislative process itself.

Pre-requistites: POLA 2100, POLS 2010 or consent of instructor

credit hours: 3

POLA 4210 Women and Politics

Women and Politics

Pre-requisites: POLA 2100 and POLS 2010 - This course is an exploration of the role gender and sex have in politics, including voting, party activism, leadership, candidacy, holding office, and law-making. Special attention will be paid to the relationship between gender and political behavior, including political socialization, political attitudes, and public policy creation. Time will be spent on understanding what gender and sex mean in American politics, as well as the effect that disparate power has on political behavior.

Pre-requistites: POLA 2100 and POLS 2010

credit hours: 3

POLA 4220 The Military in American Politics

The Military in American Politics

This course examines the United States armed forces as political actors and objects of policymaking. Special attention will be paid to changes in the military's influence and interests over time, and to the post-Cold War debate over the relevance of military power to the pursuit of national interests. For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requistites: POLA 2100

credit hours: 3

POLA 4230 Environmental Politics and Policy

Environmental Politics and Policy

Pre-Prerequisites: POLA 2100 and POLS 2010 - This course is an examination of the process of environmental policymaking in the United States. We will evaluate how environmental politics and policymaking has progressed in the US and the current state of environmental policymaking. Using a case-study approach, we will examine current environmental problems for local and state governments and suggest policy solutions.

Pre-requistites: POLA 2100

credit hours: 3

POLA 4250 The Politics of Poverty Policy

The Politics of Poverty Policy

Pre-requisites: POLA 2100 and POLS 2010 - This course covers the politics of poverty policy within the United States, including relevant approaches to the debates over poverty's causes consequences and solutions: the ways in which poverty is defined and measured and how this affects the policy alternatives: the state of economic inequality in the United States: American attitudes toward the poor and policies seeking to address poverty: and, an examination of case studies to redress poverty.

Pre-requistites: POLA 2100

credit hours: 3

POLA 4260 Race, Sex, and Power

Race, Sex, and Power

This course examines the role of race and sex based classification in the law of equal protection and focuses on the political actions and events that lead to legal remedies for discrimination. For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requistites: POLA 2100

credit hours: 3

POLA 4270 Constitutional Law

Constitutional Law

A study of the general powers and limits of the branches of the national government and the relationship among the levels of government, as this has affected civil rights and individual liberties under the Constitution. For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requistites: POLA 2100

credit hours: 3

POLA 4310 Interst Groups and the Supreme Court

Interst Groups and the Supreme Court

This course will examine the role of interest groups in various aspects of the Supreme Court process, including the selection of justices, case selection, and judicial decision making. For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requistites: POLA 2100

credit hours: 3

POLA 4320 Women's Legislative Leadership

Women's Legislative Leadership

This course is an examination of gender in American legislatures. We will analyze both the processes and personnel of legislatures at the federal and state level of the United States in order to better evaluate the policy outcomes of these institutions. Students will be placed in a service role with one of the above sites for the length of the semester. Having students placed at several sites in the legislative process enables a more thorough analysis of how gender is interwoven into policymaking. Students will have a range of perspectives on the process as a consequence of their own placement and the experiences of their peers. Pre-requisites: POLA 2100 and POLS 2010. In lieu of pre-requisites please contact the instructor for approval to enroll. Mandatory 20-hour service learning component POLA 4891-11.

Pre-requistites: Pre-requisites: POLA 2100 and POLS 2010

credit hours: 3

POLA 4350 Politics of Education Policy

Politics of Education Policy

This course examines education policy through the lens of U.S. Politics. In particular, we will consider what public schools should do for students: the changing nature of school governance: the major policy problems within primary and secondary education and how they have been defined: the groups that have had power in education policy debates: and where New Orleans fits into the larger national picture with regard to its education system?"

Pre-requistites: POLA 2100, POLS 2010 or consent of instructor

credit hours: 3

POLA 4450 Politics and Literature

Politics and Literature

Prof. Brox. Pre-requisite: POLA 2100. Study of political theme as presented in American literature. For majors only. Non-major junior and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requistites: POLA 2100

credit hours: 3

POLA 4800 Science, Technology, and Public Policy

Science, Technology, and Public Policy

Interdisciplinary examination of the role of science and technology in modern society. Inquiry into the possibilities and methods of public review of governmental policies having significant technological implications. Introduction to the concepts and techniques of technology assessment. For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requistites: POLA 2100

credit hours: 3

POLA 6120 Advanced Campaigns and Elections

Advanced Campaigns and Elections

Prof. Brox. Pre-requisite: POLA 2100 and POLA 4150. This course explores advanced topics related to election campaigns in the United States. Particular attention will be paid to how campaigns are run and their impact on election outcomes. The course will introduce students to the paradigms and techniques that political scientists use to study campaigns and elections.

Pre-requistites: POLA 2100 and POLA 4150

credit hours: 3

POLA 6180 Public Opinion and Voting Behavior

Public Opinion and Voting Behavior

An analysis of opinion formation in political situations and a survey of voting behavior in the United States.

Pre-requisites: POLA 2100

credit hours: 3

POLA 6290 Judicial Processes

Judicial Processes

This seminar course examines theories of judicial behavior and decision making, asking how various factors both internal and external to judges and courts in the U.S. explain their legal and policy outputs.

Pre-requisites: POLA 2100

credit hours: 3

POLC 2300 Introduction to Comparative Politics

Introduction to Comparative Politics

This course introduces students to the fundamental theories and concepts of the subfield of comparative politics. Comparative politics is a method of analysis that evaluates similarities and differences among political systems in order to develop general conclusions about political phenomena. The study of politics beyond U.S. borders helps place our own political system into perspective by highlighting alternatives to our own system and challenging the assumption that there is only one right way to organize political life.

credit hours: 3

POLC 3003 Women Leading Change

Women Leading Change

This course engages students in considering the real world dilemmas of women working in organizations and bringing about social change in those and other organizations. The course analyzes different theories and explanations of why so few leaders are women and how women can become leaders and lead as well. Case studies are used to examine the intricacies of organizations, the roles of women in various organizations, as well as the impact of organizations on policy (public, social, scientific, educational), government, and leadership in a global world. The course outcomes are an enhanced critical understanding of the dilemmas that are encountered by women leading change; the ability to evaluate and compose case studies at the intersection of leadership and gender; and the demonstration of critical thinking and problem-solving skills. Prerequisite: INTU 1000

Notes: The course will also teach how to write and evaluate the usefulness of cases; each student will write a case linked to their field of study. The class will be discussion-based and participatory rather than a lecture course. The course teaches critical thinking and problem solving through immersion in the stories of women leaders. Only third year Newcomb Scholars are eligible to enroll. Honors course.

Pre-requisites: Prerequisite: INTU 1000

credit hours: 3

POLC 3010 Special Projects

Special Projects

credit hours: 3

POLC 3020 Special Projects

Special Projects

credit hours: 3

POLC 3300 European Governments

European Governments

This course is an introduction to the Post-World War II evolution of Western Europe. It examines four main dimensions: (i) the position of countries in the international political economy, (ii) the role of the state in the management of the economy as well as of the welfare system, (iii) the formal structure of the system of governance and policymaking, and (iv) the form of political participation and representation.

credit hours: 3

POLC 3310 Politics of Central America

Politics of Central America

This course will focus on the current state of Central American politics and society by analyzing the social and political forces at play in the region, the challenges of its economic development, and its external interaction with the United States and other world regions. Although regional in its scope the course will rely on individual countries to exemplify particular issues confronting the region.

credit hours: 3

POLC 3350 Politics of Latin America

Politics of Latin America

This course will focus on the current state of Latin American politics and society by analyzing the social and political forces at play in the region, the challenges of its economic development, and its external interaction with the United States and other world regions. Although regional in its scope the course will rely on individual countries from South America as well as Mexico to exemplify particular issues confronting the region.

credit hours: 3

POLC 3380 Asian Governments

Asian Governments

This course focuses on the origins and dynamics of change in the newer nations of Asia, with a special emphasis on South Asia.

Notes: Credit will not be given for both 4380 and 6430.

credit hours: 3

POLC 3410 Politics and Nationalism

Politics and Nationalism

A study of nationalism and ethnic conflict in the contemporary world. Both approaches to the study of nationalist conflict and case studies of conflict are included.

credit hours: 3

POLC 3910 Independent Study

Independent Study

Independent study on a suitable topic, with consent of instructor

credit hours: 3

POLC 3920 Independent Study

Independent Study

Independent study on a suitable topic, with consent of instructor

credit hours: 3

POLC 4010 Special Projects

Special Projects

For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLC 2300

credit hours: 3

POLC 4020 Special Projects

Special Projects

For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLC 2300

credit hours: 3

POLC 4030 Comparative Political Economy of the Welfare State

Comparative Political Economy of the Welfare State

This course analyzes the historical development of, and contemporary change in, the welfare states of the advanced industrial countries. It focuses in particular on the political, economic, and institutional sources of outcomes in the post-war era and the post-1970 period. It investigates how and why welfare states have developed historically, how they vary cross-nationally, and how pressures on inherited arrangements are generating reforms in a variety of institutional and political contexts.

credit hours: 3

POLC 4300 From Feudalism to Fascism: The Political and Economic Development of Western Europe

From Feudalism to Fascism: The Political and Economic Development of Western Europe

This course focuses on the historical antecedents of contemporary West Europe politics, with an emphasis on the social and economics bases of 20th-Century regime outcomes. It explores the political development of four major European countries - Great Britain, France, Germany, and Italy-with particular attention to contrasting responses to economic, social, and political challenges since the middle ages, including the commercialization of agriculture, the consolidation and dissolution of political regimes, democratization, and industrialization.

credit hours: 3

POLC 4310 Mexican Politics and Government

Mexican Politics and Government

An exploration of the Mexican political process and the historical developments leading up to its present structure. For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLC 2300

credit hours: 3

POLC 4340 Chinese Politics from Revolution to Reform

Chinese Politics from Revolution to Reform

In this course we will analyze Chinese politics, paying particular attention to how the Chinese Communist Party came to power in 1949; how it ruled during the Mao era; and why it initiated economic reforms in 1978. We will also analyze enduring features of the Chinese polity that were instituted shortly after 1949 and persist to the current day, like the single-party system, campaigns, and ideology.

Pre-requisites: POLC 2300

credit hours: 3

POLC 4341 Middle East Comparative Politics

Middle East Comparative Politics

Overview of the domestic politics in the countries of the Middle East, focusing on the different types of regime that exist and recent political developments.

Pre-requisites: POLC 2300

credit hours: 3

POLC 4350 Chinese Politics: The Reform Era

Chinese Politics: The Reform Era

This course will examine the political and economic reforms that China has undertaken since 1978.

Notes: Counts as an elective in Asian Studies

Pre-requisites: POLC 2300

credit hours: 3

POLC 4360 Russian Politics

Russian Politics

An examination of both formal and informal factors affecting the nature of the Russian political system. For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLC 2300

credit hours: 3

POLC 4390 Poverty and Development

Poverty and Development

For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLC 2300 or POLI 2500

credit hours: 3

POLC 4392 Controversies in Global Public Health

Controversies in Global Public Health

This class explores the politics of global public health, both in the sense of how politics affects global health governance and the ways in which global health issues fit into the discipline of political science.

Notes: For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLC 2300 or POLI 2500

credit hours: 3

POLC 4420 State and Society in Developing Countries

State and Society in Developing Countries

The course examines the global context of political development in Africa, Asia, and Latin America, the pursuit of economic development and democracy in these regions, and efforts at grass-roots reform.

Notes: For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLC 2300

credit hours: 3

POLC 4430 Politics of New Democracies

Politics of New Democracies

This course discusses the manifestations and causes of political change in the newly democratic states of the world.

Notes: For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLC 2300

credit hours: 3

POLC 4450 Revolution, Protest, and Change

Revolution, Protest, and Change

An examination of the causes, dynamics, and consequences of political movements of revolution and reform.

Notes: For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLC 2300

credit hours: 3

POLC 4470 Politics and Literature

Politics and Literature

Study of the literature of political dissent, with particular focus on writers in communist and other authoritarian states.

Notes: For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLC 2300

credit hours: 3

POLC 4510 The Politics of the European Union

The Politics of the European Union

The nation-states of the old Europe are becoming the member-states of a European Union. While founded to avoid a repetition of the horrors of the past, the New Europe is increasingly being viewed as a model for the future. This course provides an overview of the political institutions and the political economy of the European Union. Four main areas are examined: (i) formal institutions and institutional relations of the European Union (ii) critical junctures in the evolution of the European Union, (iii) issues of democratic deficits, and (iv) external relations and eastward enlargement.

Notes: For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLC 2300

credit hours: 3

POLC 4520 Comparative State-Building: Latin America

Comparative State-Building: Latin America

This course will explore the nature of state authority and the processes by which different types of states emerged at different moments in world history and in different regions of the world, as well as how the nature of states has evolved over time.

Notes: For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLC 2300

credit hours: 3

POLC 6100 Politics and Health

Politics and Health

This course approaches health care as a policy area, one in which a variety of actors attempt to influence the design and delivery of health services. We begin with an overview of the U.S. system, compare it to peer nations, and then analyze health policy issues in other world regions.

Pre-requisites: POLC 2300

credit hours: 3

POLC 6120 Comparative Social Policy

Comparative Social Policy

This course focuses on welfare states and social policy across world regions including advanced industrialized countries, post-communist states, and developing nations. It examines explanations for variation in social policy provision across countries and regions and asks why welfare state reforms are more successful in some places than others. The course includes detailed study of key policy areas (pensions, healthcare, and education).

Pre-requisites: POLC 2300

credit hours: 3

POLC 6410 Approaches to Latin American Politics

Approaches to Latin American Politics

Major approaches to the study of Latin American politics such as developmentalism, institutionalism, corporativism, bureaucratism, authoritarianism, and dependency theory.

Pre-requisites: POLC 2300

credit hours: 3

POLC 6910 Authoritarianism

Authoritarianism

Despite the impressive gains that democracy has made over the past four decades, more than half of the countries in the world remain autocratic. What are the roots of this authoritarian resilience? We will first approach this question theoretically and by cases studies of countries in Europe and Eurasia (the Soviet Union; pre-1989 Eastern Europe; post Soviet Russia and Central Asia), Asia (China, North Korea, Taiwan), Latin America (Mexico, Cuba), and the Middle East (Iraq, Syria, Iran).

Pre-requisites: POLC 2300

credit hours: 3

POLC 6920 Democracy and Democratization

Democracy and Democratization

Theories of democratization. Democratic institutions. Democratic regime performance.

Pre-requisites: POLC 2300

credit hours: 3

POLC 6930 Regime Change in Asia

Regime Change in Asia

In this course we will analyze the reasons for democratization in some Asian countries and will evaluate the prospects for regime change in countries that remain authoritarian. The first module of the course will focus on theories of authoritarian rule and of democratization. The second will examine several successful cases of democratization. The third module will focus on China, which represents a crucial case of regime durability. The fourth module of the course will assess the prospects for regime change in North Korea and several Southeast Asian autocracies.

Notes: Counts as an elective in Asian Studies

Pre-requisites: POLC 2300

credit hours: 3

POLI 2500 International Relations

International Relations

An introductory analysis of basic factors influencing international politics, organization and law.

credit hours: 3

POLI 3010 Special Projects

Special Projects

credit hours: 3

POLI 3020 Special Projects

Special Projects

credit hours: 3

POLI 3040 Politics of Immigration

Politics of Immigration

This course will explore the history of immigration to the U.S., the major push and pull factors fueling immigration, the impacts of immigration on sending and receiving communities, and the outcomes of various policy responses.

credit hours: 3

POLI 3360 Politics of Civil Wars

Politics of Civil Wars

From Syria to South Sudan, India to Colombia armed conflict within nation-states keeps challenging domestic and international institutions. The aim of this course is to understand the different causes and paths of civil wars. We will survey contemporary theories related to the causes, duration, and consequences of civil wars. Further, we will consider what these theories and findings mean for the prospects of successful conflict management and prevention. Case studies of ongoing and recent wars will elucidate the theories and underline the urgency to advance our knowledge in this area. The study of civil wars is a growing research field of international relations, as civil wars have become more common than wars between states. By examining theories of civil war causation and testing these on case studies from the 20th and 21st centuries, the course covers important subject matter in the International Relations concentration of Tulane's BA in Political Science.

credit hours: 3

POLI 3410 Globalization and Politics

Globalization and Politics

The Globalization and Politics course examines diverse aspects of globalization and their effects on politics. The course begins with the analyses of the debate between globalists and anti-globalists, followed by the study of the economic effects of globalization and increase in capital and labor mobility. The issues of global inequality, global civil society, North-South gap and global governance are also addressed. The course provides answers to the questions about the impact of global culture and growing influence of high-tech global flows in special social networking.

credit hours: 3

POLI 3450 The Global War on Terrorism

The Global War on Terrorism

The course will ask student to examine broad questions about the nature of the contemporary world in order to understand the roots of modern terrorism, including its historical, philosophical and political background. It will also discuss and evaluate the various counterterrorism policies developed by the United States and elsewhere to address terrorist violence. Prerequisites: POLI 3450

Pre-requisites: POLI 3450

credit hours: 3

POLI 3510 Power, Morality and International Relations

Power, Morality and International Relations

The influence of moral principles on international politics. Emphasis is placed on issues such as human rights, just and unjust wars, and the rights and responsibilities of those whose actions cross state boundaries, such as multinational corporations and international migrants.

credit hours: 3

POLI 3520 International Organization

International Organization

A systematic study of attempts to modify the international system through multilateral organization.

Pre-requisites: POLI 2500.

credit hours: 3

POLI 3540 International Political Economy

International Political Economy

Survey of traditional and recent theories and approaches to the study of international political economy. Emphasis will be given to the microfoundations for macromodels such as liberalism, Marxism, and realism. Topical areas will include monetary management, trade, and multinational corporations.

Notes: Credit will not be given for both 4540 and Political Economy 3010.

Pre-requisites: POLI 2500.

credit hours: 3

POLI 3550 Conflict Management in Arab-Israeli Context

Conflict Management in Arab-Israeli Context

This course is part of the Mandel-Palagye Program for Middle East Peace. It will introduce students to a range of theories and experiences exploring ways to resolve violent conflict, and conditions to build sustainable peace, with a focus on the Arab-Israeli conflict.

credit hours: 2

POLI 3630 The Causes and Prevention of War

The Causes and Prevention of War

This course surveys the causes of war among nations. The course examines theories of war causation, and tests these out on historical case studies from the 20th century. The lessons of the past will be applied to important contemporary questions: Is the postwar peace among the great powers permanent? What policies can help reduce the likelihood of future war? Can 20th century theories explain 21st century conflicts? Upon completion of this course, students will be familiar with many of the factors that seem to cause, exacerbate, or lessen military conflict between nation-states. Students will be able to apply these factors in examining real-world scenarios.

credit hours: 3

POLI 3660 Rise of China

Rise of China

Today, China claims its rightful status as a rising great power. In this course, we will examine two facets of China's rise: economic and military, paying particular attention to their implications for American foreign policy. A substantial portion of the course will be devoted to analyzing China's bilateral relations with its neighbors and its global reach. We will end this course by examining China's attempt to build soft power through cultural diplomacy.

Notes: Counts as an elective in Asian Studies

credit hours: 3

POLI 3910 Independent Study

Independent Study

Independent study on a suitable topic, with consent of instructor

credit hours: 3

POLI 3920 Independent Study

Independent Study

Independent study on a suitable topic, with consent of instructor

credit hours: 3

POLI 4010 Special Projects

Special Projects

For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLI 2500

credit hours: 3

POLI 4020 Special Projects

Special Projects

For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLI 2500

credit hours: 3

POLI 4310 Peace Studies & Conflict Management

Peace Studies & Conflict Management

Peace Studies is often defined as the study of conflict resolution through nonviolent means. This course will introduce students to a range of theories and experiences exploring ways to resolve violent conflicts, with a focus on intrastate war, and conditions to build sustainable peace in nations that have seen armed conflict. Taking an interdisciplinary approach by including readings from psychology, anthropology, international relations and more, we will consider theoretical debates regarding the roots of conflicts and how these interpretations affect the choice of conflict management tools. Then we will study various attempts of peacemaking, ranging from mediation to nonviolent resistance, nation-building to human rights regimes. Reflecting on both evidence and theory the course will give students an understanding of the strengths and weaknesses of current approaches to conflict management and peace building. Pre-requisites: POLI 2500, POLS 2010

Pre-requisites: POLI 2500, POLS 2010

credit hours: 3

POLI 4410 International Law

International Law

This course provides an introduction to basic principles of international law and how it is created, implemented, and enforced. Students will learn what forms of law make up international law; how international law is made and by whom; to whom international law applies; and the specific rules of international law in various subject areas. For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLI 2500

credit hours: 3

POLI 4520 Intelligence and Covert Operations

Intelligence and Covert Operations

The class examines the uses of intelligence and clandestine operations as strategies affecting international relations from the end of World War II to the present. For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLI 2500

credit hours: 3

POLI 4530 American Foreign Policy

American Foreign Policy

Theory and practice of American foreign policy. Emphasis is on major issues in United States diplomacy and on basic ideas governing American foreign policy.

Notes: For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLI 2500

credit hours: 3

POLI 4600 Latin American International Relations

Latin American International Relations

This course deals with relations among Latin American nations as well as those with the United States, Europe, Japan, and multinational institutions. This class will cover the international aspects of issues such as trade, security, human rights, immigration, and environmental politics

as they relate to Latin America.

Notes: For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLI 2500

credit hours: 3

POLI 4610 Africa in International Politics

Africa in International Politics

A study of the role played by African nations in international relations. The course addresses theoretical issues such as the meaning of statehood and the definition of responsible government, and then investigates how international actors have affected their development in Africa.

Notes: For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLI 2500

credit hours: 3

POLI 4620 International Environmental Politics

International Environmental Politics

An examination of the political dimensions of international environmental problems. The course will include investigation and analysis of the causes, consequences, and potential solutions to a range of environmental problems.

Notes: For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLI 2500

credit hours: 3

POLI 4630 Strategy and Politics

Strategy and Politics

The focus of this course is grand strategy - the economic, diplomatic, and military policies adopted by states to improve their security. Theory and historical evidence will be used to address these questions: What are the different types of grand strategy, and which are appropriate to different international conditions? What forces determine a state's choice of grand strategy? What political, psychological, and cultural factors lead states to choose badly?

Notes: For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLI 2500

credit hours: 3

POLI 4650 Russian Foreign Policy

Russian Foreign Policy

This course will explore the sources and substance of Russian foreign policy with a focus on security issues, and on relations with the U. S., Europe, and the new independent states of Eurasia.

Notes: For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLI 2500

credit hours: 3

POLI 4660 Middle East Security

Middle East Security

Overview of contemporary security conditions in the Middle East, including conventional arms balances, weapons of mass destruction, guerrilla wars, terrorism, and economic conditions affecting security.

Pre-requisites: POLI 2500

credit hours: 3

POLI 4670 Politics of the Arab-Israeli Conflict

Politics of the Arab-Israeli Conflict

Examines the origins and development of the Arab-Israeli conflict from the beginning of renewed Jewish settlement in Palestine in the 1880s until the present day.

Pre-requisites: POLI 2500

credit hours: 3

POLI 6530 International Human Rights

International Human Rights

This course is an exploration of the history, theory and practice of human rights law. It pays particular attention the interactions between international law and repressive campaigns, transnational social movements, and the operation of domestic courts. Students will be challenge to assess claims about progress and decline in human rights over time.

Pre-requisites: POLI 2500

credit hours: 3

POLI 6630 International Security

International Security

A review of critical issues threatening the security of the major powers including nuclear strategy, arms control, weapons procurement, international economics, and military interventions in regional disputes. In addition to the substance of selected issues, the course deals with the literature on decision-making, crisis management, and the organization of governments for effective foreign policy-making. Emphasis is on American security problems and policy-making.

Pre-requisites: POLI 2500

credit hours: 3

POLS 1010 Introduction to Politics

Introduction to Politics

An introduction to the principles and practice of political life in a variety of domestic and international contexts. Open to freshmen only. Each 1010 section has a limited enrollment of no more than 20 students. A paper is required and is assigned on a tutorial basis with individual student-instructor conferences.

Notes: Credit will be given for only one of the following: 1010 or H1010.

credit hours: 3

POLS 1060 Grassroots Politics

Grassroots Politics

This course explores the role and nature of citizen engagement in American community and political life, models of grassroots activism and community organizing as well as hands on" experience in civic and political activism. This course has a required public service learning component."

credit hours: 3

POLS 2010 Introduction to Scope and Methods of Political Science

Introduction to Scope and Methods of Political Science

This course is intended to introduce advanced students to the concepts and methods of political science research. Substantive fields of interest--such as American politics, IR, Comparative, etc.-are all bound by similar skills and techniques inherent to the discipline of political science. Students will be introduced to these techniques in an effort to train them to become producers, not merely consumers of knowledge. This course is fundamentally about how to conduct research in political science, and what makes political science a science. The course covers both introductory quantitative methods (univariate, bivariate, and some multivariate analyses), as well as some of the most often used qualitative methods in the discipline. The course is not meant to be exhaustive of all political science methods.

credit hours: 3

POLS 2880 Writing Practicum in Political Science

Writing Practicum in Political Science

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 3

POLS 3010 Special Projects

Special Projects

credit hours: 3

POLS 3020 Special Projects

Special Projects

credit hours: 3

POLS 3880 Writing Practicum in Political Science

Writing Practicum in Political Science

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

POLS 3910 Independent Study

Independent Study

Independent study on a suitable topic, with consent of instructor

credit hours: 3

POLS 3920 Independent Study

Independent Study

Independent study on a suitable topic, with consent of instructor

credit hours: 3

POLS 4010 Special Projects

Special Projects

credit hours: 3

POLS 4020 Special Projects

Special Projects

credit hours: 3

POLS 4560 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing.

Notes: Only one internship may be completed per semester. A maximum of three credits may be counted in one or more courses toward the Political Science or International Relations major. See also the college requirements for internships. Note that the department also collaborates on internships with the Center for Public Service.

Pre-requisites: Approval of instructor and department.

credit hours: 1-3

POLS 4570 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing.

Notes: Only one internship may be completed per semester. A maximum of three credits may be counted in one or more courses toward the Political Science or International Relations major. See also the college requirements for internships. Note that the department also collaborates on internships with the Center for Public Service.

Pre-requisites: Approval of instructor and department.

credit hours: 3

POLS 4880 Writing Practicum in Political Science

Writing Practicum in Political Science

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

POLS 5010 Participant Observer Research

Participant Observer Research

Individually directed students are given readings, tested on those readings, and must develop a research design to be carried out while participating in political activity, such as campaigns or interest group work outside the university. This work will culminate in a research paper.

Pre-requisites: At least one course in political science with grade of B or better, instructor and departmental approval.

credit hours: 3

POLS 6950 Special Offerings in Political Science

Special Offerings in Political Science

For description, consult department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

POLS 6960 Special Offerings in Political Science

Special Offerings in Political Science

For description, consult department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

POLS 9980 Master's Research

Master's Research

credit hours: 0

POLS 9990 Dissertation Research

Dissertation Research

credit hours: 0

POLS H1010 Introduction to Politics

Introduction to Politics

An introduction to the principles and practice of political life in a variety of domestic and international contexts. Open only to honors freshmen. Each H1010 section has a limited enrollment of no more than 15 students. A paper is required and is assigned on a tutorial basis with individual student-instructor conferences.

Notes: Credit will be given for only one of the following: 1010 or H1010.

credit hours: 3

POLS H4910 Independent Studies

Independent Studies

The department offers independent studies at all levels, freshman through senior, provided the student is qualified and an appropriate faculty director is available.

credit hours: 3

POLS H4920 Independent Studies

Independent Studies

The department offers independent studies at all levels, freshman through senior, provided the student is qualified and an appropriate faculty director is available.

credit hours: 3

POLS H4990 Honors Thesis

Honors Thesis

Only four of these credits are to be counted toward the requirements for the major. Honors theses written in political science do not count as political science writing courses.

credit hours: 3

POLS H5000 Honors Thesis

Honors Thesis

Only four of these credits are to be counted toward the requirements for the major. Honors theses written in political science do not count as political science writing courses.

credit hours: 3

POLT 2700 Political Thought in The West

Political Thought in The West

A history of the development of Western political thought from the ancient Greeks to recent times.

credit hours: 3

POLT 3010 Special Projects

Special Projects

credit hours: 3

POLT 3020 Special Projects

Special Projects

credit hours: 3

POLT 3740 Greek Foundations of Western Political Thought

Greek Foundations of Western Political Thought

A study of the classical Greek foundations of diverse traditions of Western political thought from Homer to Epicureanism. Special attention will be paid to the Sophists, Plato, and Aristotle.

credit hours: 3

POLT 3780 Feminist Political Theory

Feminist Political Theory

This course will focus, first on the role of women in the tradition of western political thought. Second, the course will examine the attempts of contemporary feminist thinkers to deal with concepts central to the tradition of political theory, such as justice, equality, and liberty.

credit hours: 3

POLT 3810 Political Discourse

Political Discourse

A survey of theories of political discourse from the ancient Greeks to late 20th-century democratic theory. Special attention will be paid to the relationship between classical rhetoric and political theory.

credit hours: 3

POLT 3820 Contemporary Political Ideas

Contemporary Political Ideas

An analysis of variants of revisionist Marxism, socialism, anarchism, fascism, 20th-century liberalism and conservatism, and the relation of these to contemporary American ideologies.

credit hours: 3

POLT 3910 Independent Study

Independent Study

Independent study on a suitable topic, with consent of instructor

credit hours: 3

POLT 3920 Independent Study

Independent Study

Independent study on a suitable topic, with consent of instructor

credit hours: 3

POLT 4010 Special Projects

Special Projects

For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requistites: POLT 2700 or POLT 3820

credit hours: 3

POLT 4020 Special Projects

Special Projects

For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLT 2700 or POLT 3820

credit hours: 3

POLT 4610 Bible as Political Theory

Bible as Political Theory

A study of the Bible from the prospective of political theory, which analyzes the similarities and differences between the political perspectives of classical (Greek and Roman) thinkers those of the Bible. The course will focus on the Hebrew Bible (Old Testament), although the New Testament, especially those sections dealing with social ethics, will be examined and discussed. For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLT 2700 or POLT 3820

credit hours: 3

POLT 4720 Ancient and Medieval Political Theory

Ancient and Medieval Political Theory

For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLT 2700 or POLT 3820

credit hours: 3

POLT 4730 Social Contract Theory

Social Contract Theory

A survey of historical developments leading up to the current social contract revival among North American and European political theorists. Particular attention will be paid to the varieties of contractualism since the ancients and the appropriateness of contract theories for understanding the social, political, and moral relationships in modern commercial societies. For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLT 2700 or POLT 3820

credit hours: 3

POLT 4770 Transition to Modernity

Transition to Modernity

For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLT 2700 or POLT 3820

credit hours: 3

POLT 4780 Modern Political Theory

Modern Political Theory

An analysis of the development of political theory since the 16th century with emphasis on modern ideologies especially conservatism, liberalism, communism, and fascism. Hobbes, Locke, Rousseau, Burke, Bentham, and Marx are given particular attention. For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the

consent of the instructor.

Pre-requisites: POLT 2700 or POLT 3820

credit hours: 3

POLT 4790 Contemporary Political Philosophy

Contemporary Political Philosophy

Analyzing contemporary political philosophy, within the context of Kantianism vs. Hegelianism. Attention will be concentrated on political philosophers such as Arendt, Oakeshott, Rawls, Foucault, Lyotard and Derrida. For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLT 2700 or POLT 3820

credit hours: 3

POLT 4860 American Political Thought

American Political Thought

This course discusses the historical development of the Constitution and associated political ideas, from the founding period up to the present. Thinkers discussed include Paine, Madison, Calhoun, Dewey, and Rawls, among others. For majors only. Non-major juniors and seniors may enroll in courses at the 4000-level or above only with the consent of the instructor.

Pre-requisites: POLT 2700 or POLT 3820

credit hours: 3

PORT 1120 Intensive Portuguese

Intensive Portuguese

An intensive one-semester introduction to Portuguese with an emphasis on listening and speaking skills designed to quickly prepare students for more advanced study of language, literature, and culture. Co-requisite: PORT 1121

Co-requisites: Co-requisite: PORT 1121

credit hours: 4

PORT 2030 Intermediate Portuguese

Intermediate Portuguese

Review of fundamental skills taught in previous courses. Introduction to Brazilian literature and culture through plays, short stories, articles, and film. Practice in composition. Co-requisite: PORT 2890

Pre-requisites: PORT 1120 or special permission

Co-requisites: Co-requisite: PORT 2890

credit hours: 4

PORT 3040 Grammar and Writing in Portuguese

Grammar and Writing in Portuguese

Analysis and practice in the written language.

Pre-requisites: PORT 2030 or special permission.

credit hours: 3

PORT 3130 Introduction to Brazilian Culture

Introduction to Brazilian Culture

A combined survey course of Brazilian and Portuguese literatures, looking at issues such as realism, regionalism, and modernism; questions of cultural identities, relations between high and low culture, representations of race, gender, class, and sexuality.

Pre-requisites: PORT 2030 or special permission
credit hours: 3

PORT 3190 Brazilian Short Stories

Brazilian Short Stories

This course provides an introduction to the Brazilian short story from 1870 to the present, while providing intermediate to advanced training in Portuguese conversation and composition.

Pre-requisites: PORT 2030 or special permission
credit hours: 3

PORT 3250 Composition and Conversation

Composition and Conversation

Reinforcement of spoken Portuguese and review of grammatical structures. Short stories and plays serve as the basis for further development of speaking and writing. Emphasis in dealing with the texts is on their utility for skill practice rather than literary analysis.

Pre-requisites: PORT 2030 or special permission
credit hours: 3

PORT 3280 Advanced Portuguese Through Brazilian Film

Advanced Portuguese Through Brazilian Film

Reinforcement of spoken Portuguese and review of grammatical structures. A series of films serves as the basis for further development of speaking and writing. Emphasis in dealing with the films is on their utility for skills practice rather than film analysis.

Pre-requisites: PORT 2030 or special permission.
credit hours: 3

PORT 3290 Special Topics in Portuguese

Special Topics in Portuguese

Prerequisite: PORT 2030. Course will expand upon grammar and vocabulary learned in 1120-2030 sequence. Emphasis on written and oral production in specific registers. Possible themes include Portuguese across the Lusophone world, regional studies in the Lusophone world, professional skills, historical development of Portuguese, Portuguese pronunciation. The precise topic varies from year to year.

Pre-requisites: PORT 2030
credit hours: 3

PORT 3330 Brazilian Literature in Translation

Brazilian Literature in Translation

A survey of Brazilian literature in translation, focusing primarily on the novel and short story. Students engage a wide variety of texts, including representative works of romanticism, realism, modernism and postmodernism. This course may be taken for major or minor credit if written work is completed in Portuguese.

credit hours: 3

PORT 3340 Brazilian Women Writers in English Translation

Brazilian Women Writers in English Translation

An introductory survey of influential Brazilian women writers of prose fiction, with a focus on literary treatment of questions of gender, sexuality, race, and class.

credit hours: 3

PORT 4100 Gender and Sexuality in Brazilian Literature and Culture

Gender and Sexuality in Brazilian Literature and Culture

This course proposes a historicized and interdisciplinary consideration of gender and sexuality in modern Brazil through short fiction, films, documentaries, popular music, and critical texts. It will address a wide range of topics, including patriarchal power and the construction of masculinity, the quest for female subjectivity, gender in relation to race and class, the constitution and crisis of the bourgeois family, marital strife and infidelity, homosexuality, and transgender performance.

Pre-requisites: PORT 3130, 3040 or 3280

credit hours: 3

PORT 4120 Social Problems in Brazilian Literature and Culture

Social Problems in Brazilian Literature and Culture

The chief problems of Brazilian society as reflected in fiction, testimony, poetry, theatre, music, and other forms of cultural expression. Representative works may concern persistent race, class, and gender inequalities; tyranny and political repression; violence; and/or environmental issues.

Pre-requisites: Any two (2) PORT 3000-level courses

credit hours: 3

PORT 4130 Topics in Brazilian Literature and Culture

Topics in Brazilian Literature and Culture

Pre-requisites: Any Two (2) PORT 3000-level courses

credit hours: 3

PORT 4510 Luso-Brazilian Cities

Luso-Brazilian Cities

An advanced undergraduate course with a focus on the literary and cultural production of a major city of the Portuguese-speaking world including Lisbon, Rio de Janeiro, São Paulo, Salvador da Bahia, Luanda, and Maputo.

Pre-requisites: Any two (2) PORT 3000-level courses

credit hours: 3

PORT 4610 Brazilian Cinema

Brazilian Cinema

This survey of Brazilian cinema and film criticism covers key phases in national film production including early experiments, the failed Vera Cruz enterprise, Cinema Novo, Cinema Marginal, Embrafilme productions, and recent film directors include Mário Peixoto, Humberto Mauro, Anselmo Duarte, Nelson Pereira dos Santos, Ruy Guerra, Glauber Rocha, Carlos Diegues, Walter Lima Junior, Luiz Carlos Barreto, Paulo César Saraceni, Joaquim Pedro de Andrade, Rogério Sganzerla, Júlio Bressane, Suzana Amaral, and Carla Camurati.

Pre-requisites: Any two (2) PORT 3000-level courses

credit hours: 3

PORT 6140 Major Authors of Brazil

Major Authors of Brazil

This course will focus on the literary production of several canonical authors of Brazil from the nineteenth and twentieth centuries. The prose fiction of no more than two or three authors will be covered in any given semester. Selected literary figures for in-depth study may include José de Alencar, Machado de Assis, Lima Barreto, Graciliano Ramos, João Guimarães Rosa, Clarice Lispector, João Ubaldo Ribeiro, and Nélida Pinon.

credit hours: 3

PORT 6160 Afro-Brazilians

Afro-Brazilians

This course provides an introduction to the history of Brazilian race relations, the fiction and poetry of black writers from Brazil, and the study of recent Afro-Brazilian cultural and social movements.

Pre-requisites: Any two (2) PORT 4000-level courses

credit hours: 3

PORT 6190 Avant-Garde Movements in Latin America

Avant-Garde Movements in Latin America

This course surveys the avant-garde movements in Spanish America and Brazil, focusing on the period from 1916 to 1935. Some of the movements to be examined include Huidobro's creacionismo, ultraísmo, Brazilian modernismo and verdeamarelismo, Mexican estridentismo and the Contemporáneos group, and the impact in Latin America of surrealism and other European avant-garde movements. Readings in both Spanish and Portuguese, and the class is taught in both languages, but fluency in both languages is not expected.

Pre-requisites: Any two (2) PORT 4000-level courses

credit hours: 3

PORT 6220 The Literature of Brazil

The Literature of Brazil

In-depth study of Brazilian literature from its beginning to the present. Authors: Manuel Antônio de Almeida, José de Alencar, Gonçalves Dias, Castro Alves, Machado de Assis, Aluisio Azevedo, Graciliano Ramos, José Lins do Rêgo, Mário de Andrade, Oswald de Andrade, Manuel Bandeira, João Cabral de Melo Neto, Jorge Amado, Carlos Drummond de Andrade, Guimarães Rosa, Clarice Lispector, Antônio Callado, Lygia Fagundes Telles, Rubem Fonseca, Sérgio Sant'anna, Roberto Drummond, and others.

Pre-requisites: Any two (2) PORT 4000-level courses

credit hours: 3

PORT 6230 Brazilian Literature and the City

Brazilian Literature and the City

Brazilian literature and its production within an urban environment focusing on issues such as slavery and race relations, class divisions and spatial marginality, industrialization and labor movements, gender and sexuality, media and popular culture, rural to urban migration, and violence and criminality. Authors may include Manuel Antônio de Almeida, Aluísio Azevedo, Machado de Assis, Lima Barreto, Mário de Andrade, Patricia Galvão, Marques Rebelo, Nelson Rodrigues, Rubem Fonseca, Caio Fernando Abreu, Patricia Melo, Paulo Lins, and Regina Rheda.

Pre-requisites: Any two (2) PORT 4000-level courses

credit hours: 3

PORT 6290 Brazilian Cultural Studies

Brazilian Cultural Studies

An advanced survey of Brazilian social and cultural critics of the twentieth century including Silvio Romero, Euclides da Cunha, Gilberto Freyre, Sérgio Buarque de Hollanda, Guerrero

Ramos, Roland Corbisier, Florestan Fernandes, Antônio Cândido, Roberto Schwarz, Ferreira Gullar, Silviano Santiago, Luiz Costa Lima, Flora Süssekind, Renato Ortiz, Muniz Sodré, and Marilena Chaui. The course foregrounds historic and contemporary debates in Brazil surrounding nationality, modernity, democracy, and citizenship.

Pre-requisites: Any two (2) PORT 4000-level courses

credit hours: 3

PORT 6440 Brazilian Popular Music

Brazilian Popular Music

This course offers an in-depth inquiry into Brazilian cultural history through the prism of popular music, often regarded as Brazil's most accomplished field of artistic production. Genres and cultural phenomena to be covered include samba, choro, baião, bossa nova, protest music, Tropicália, and Mangue Beat, as well as international styles such as rock, reggae, and rap in local context. The study of music provides the basis for the exploration of issues such as nationalism, regionalism, developmentalism, authoritarianism, and globalization.

Pre-requisites: Any two (2) PORT 4000-level courses

credit hours: 3

PORT 6530 Literature of the Lusophone World

Literature of the Lusophone World

This course provides a survey of the literatures and cultures of Portugal, Brazil, and Lusophone Africa using a theme-based approach to explore Trans-Atlantic connections, tensions, and dialogues within colonial and postcolonial contexts.

Pre-requisites: Any two (2) PORT 4000-level courses

credit hours: 3

PORT 6710 Contemporary Fiction in Spanish America and Brazil

Contemporary Fiction in Spanish America and Brazil

A comparison of the contemporary fiction of Spanish America and Brazil. Topics vary but may include: the short story; race, gender, and nationalism; the regionalist novel; experimental fiction; fiction and popular culture. Among the selected authors are Julio Cortázar, Guimarães Rosa, Fonseca, Borges, Clarice Lispector, Rulfo, Donoso, Icaza, Ramos, Rivera. Reading competence in Spanish and Portuguese to be established by previous course work or judgment of instructor.

Pre-requisites: Any two (2) PORT 4000-level courses

credit hours: 3

PORT 6910 Special Topics

Special Topics

Open to graduate students only

credit hours: 3

PORT 6920 Special Topics

Special Topics

Open to graduate students only

credit hours: 3

PORT H4990 Honors Thesis

Honors Thesis

Requires approval of the department and the Honors Committee.

credit hours: 3

PORT H5000 Honors Thesis

Honors Thesis

Requires approval of the department and the Honors Committee.

credit hours: 3

RLST 1100 Introduction to Religious Studies

Introduction to Religious Studies

This course gives an overview of the development of the western approach to the study of religion. It will be comparative and cover many aspects of world civilization, provide a window on the cultural dimensions of global politics, and supply a way of perceiving approaches to the study of religion under the rubrics of anthropology of religion, sociology of religion, history and phenomenology of religion, and philosophy of religion. Important theorists and schools of thought will also be examined.

credit hours: 3

RLST 2910 Special Topics in Religious Studies

Special Topics in Religious Studies

This course will cover special topics in Religious Studies offered by one of the cooperating departments in the RLST program.

Notes: The course may be repeated for credit with a different topic.

credit hours: 3

RLST 2920 Special Topics in Religious Studies

Special Topics in Religious Studies

This course will cover special topics in Religious Studies offered by one of the cooperating departments in the RLST program.

Notes: The course may be repeated for credit with a different topic.

credit hours: 3

RLST 3890 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of the corequisite course.

credit hours: 3

RLST 3950 Special Topics in Religious Studies

Special Topics in Religious Studies

This course will cover special topics in Religious Studies offered by one of the cooperating departments in the RLST program.

Notes: The course may be repeated for credit with a different topic.

credit hours: 3

RLST 3960 Special Topics in Religious Studies

Special Topics in Religious Studies

This course will cover special topics in Religious Studies offered by one of the cooperating departments in the RLST program.

Notes: The course may be repeated for credit with a different topic.

credit hours: 3

RLST 4910 Independent Study

Independent Study

Open to students provided that the appropriate faculty director is available.

Pre-requisites: Approval of program director.

credit hours: 3

RLST 4920 Independent Study

Independent Study

Open to students provided that the appropriate faculty director is available.

Pre-requisites: Approval of program director.

credit hours: 3

RLST 4950 Special Topics in Religious Studies

Special Topics in Religious Studies

This course will cover special topics in Religious Studies offered by one of the cooperating departments in the RLST program.

Notes: The course may be repeated for credit with a different topic.

credit hours: 3

RLST 4960 Special Topics in Religious Studies

Special Topics in Religious Studies

This course will cover special topics in Religious Studies offered by one of the cooperating departments in the RLST program.

Notes: The course may be repeated for credit with a different topic.

credit hours: 3

RLST H4990 Honors Thesis

Honors Thesis

Admission by approval of the program director and the honors committee.

credit hours: 3

RLST H5000 Honors Thesis

Honors Thesis

Admission by approval of the program director and the honors committee.

credit hours: 3

RUSS 1010 Elementary Russian I

Elementary Russian I

Introduction to Russian grammar. Development of basic language skills, with particular emphasis on the active use of present-day Russian. For students with little or no knowledge of Russian.

Meets four times a week.

credit hours: 4

RUSS 1020 Elementary Russian II

Elementary Russian II

Continuation of the development of introductory language skills. Practice in reading, speaking, writing and understanding.

Pre-requisites: RUSS 1010 or equivalent.

credit hours: 4

RUSS 2030 Intermediate Russian

Intermediate Russian

Advancement of all language skills, including aural-oral, writing, and communicative fluency.

Reading of literary texts.

Pre-requisites: RUSS 1020 or equivalent.

credit hours: 4

RUSS 2040 Advanced Conversation and Composition

Advanced Conversation and Composition

This course is a continuation of second-year Russian. Discussion of and essays on subjects related to Russian history, culture, and contemporary life. Advancement of all language skills.

Pre-requisites: RUSS 2030 or 12 credits of Russian or approval of instructor.

credit hours: 4

RUSS 3030 Masterpieces of Russian Literature I

Masterpieces of Russian Literature I

Selected readings from among the most outstanding works of Russian literature from its beginnings through the 19th century. Advancement of all language skills through study and analysis of literary texts.

Pre-requisites: RUSS 2040 or equivalent.

credit hours: 3

RUSS 3040 Masterpieces of Russian Literature II

Masterpieces of Russian Literature II

Selected readings from the most outstanding works of 20th-century Russian literature.

Advancement of all language skills through study and analysis of literary texts.

Pre-requisites: RUSS 2040 or equivalent.

credit hours: 3

RUSS 3250 Advanced Russian Grammar

Advanced Russian Grammar

Phonemic, grammatical, and syntactical patterns of standard literary Russian. Practice in composition and vocabulary building.

Pre-requisites: Approval of instructor.

credit hours: 3

RUSS 3330 Oral Discussion in Russian

Oral Discussion in Russian

Discussion of topics from contemporary Russian politics and history. Students learn syntax and vocabulary aimed at building discourse competence. Hypothesization, narration, questioning, contradicting, speaking in paragraphs. Reading, listening, speaking.

Pre-requisites: RUSS 2040 or equivalent.

credit hours: 3

RUSS 3450 Tolstoy and Dostoevsky in English Translation

Tolstoy and Dostoevsky in English Translation

Readings and discussions of the major novels. Comparative study of literary method, theme and structure, modern critical approaches. No knowledge of Russian required. May be counted toward major.

credit hours: 3

RUSS 3480 Nabokov

Nabokov

credit hours: 3

RUSS 3530 Survey of Russian Art

Survey of Russian Art

An introduction to the art and architecture of Russia, from the 12th century to the present. The first part of the course deals with the medieval period (church architecture, icons, frescoes). The second part begins with the assimilation of western European styles during the 17th century, and concludes with a survey of current developments in Russia. No knowledge of Russian required.

credit hours: 3

RUSS 3700 Russian Poetry

Russian Poetry

Readings in Russian poetry, including Pushkin, Lermontov, Tyutchev, and the symbolists. Lectures, discussions, and compositions in Russian.

Pre-requisites: RUSS 2040.

credit hours: 3

RUSS 3750 Jewish Identity in Modern Literature

Jewish Identity in Modern Literature

In this course we will examine novels, short stories, essays, and other literary works by European Jewish authors and study their literary, cultural and political context. We trace the development of literary forms that provide the basis for a modern Jewish self-consciousness and a sense of cultural identity. We compare the concepts of community and individualism, religious reform, and cultural notions of identity in the writings of authors from Eastern European and Western Europe. We also examine the differences of Jews in Europe in the period before the Holocaust.

credit hours: 3

RUSS 4810 Special Topics

Special Topics

credit hours: 3

RUSS 4820 Special Topics

Special Topics

credit hours: 3

RUSS 6070 Slavic Contributions to Linguistics

Slavic Contributions to Linguistics

Lectures, readings and discussions, in English, of the Prague and Moscow schools of linguistics. Markedness theory, child language, discourse theory, formalist criticism, pragmatics and related topics. Open to juniors, seniors and graduate students in linguistics, literary theory, and allied disciplines.

Notes: May be counted toward the major with departmental approval. Includes a unit on the structure of German. May be counted toward a German Cultural Studies major.

credit hours: 3

RUSS H4910 Independent Studies

Independent Studies

An independent research project in any advanced area of Russian language, literature or culture.

Open to superior students with the approval of the department.

credit hours: 3

RUSS H4920 Independent Studies

Independent Studies

An independent research project in any advanced area of Russian language, literature or culture.

Open to superior students with the approval of the department.

credit hours: 3

RUSS H4990 Honors Thesis

Honors Thesis

Approval of department and Honors Committee required.

credit hours: 3

RUSS H5000 Honors Thesis

Honors Thesis

Approval of department and Honors Committee required.

credit hours: 3

SLAM 3020 Management

Management

There are no prerequisites for this three credit hour course. This course serves as an introduction to the discipline of management. It is designed to integrate the accepted theories in the area with real world applications to provide students with the basic knowledge and skills needed for managing others. This course begins with a discussion of the current issues in management and then proceeds to cover the traditional functions of management: planning, organizing, leading, and controlling. Lecture and class assignments given in the course are intended to help students understand the needs of modern public and private organizations, including emerging national and international trends.

credit hours: 3

SLAM 3070 Sports as an Industry

Sports as an Industry

This course considers the multibillion dollar sports industry. mostly in the United States but also on a global scale in the cases of soccer and the Olympic Games. We examine professional sports -ownership structure of teams. organization of leagues. revenue generation and division, player compensation, race and gender inequities. and the costs and benefits of stadium construction. We also examine the development of intercollegiate sports, their financial aspects. and the impact of Title IX.

credit hours: 3

SOWK 3100 Comparative Social Policy: United States and France

Comparative Social Policy: United States and France

credit hours: 3

SOCI 1030 Sociology of the Family

Sociology of the Family

Consideration of the family as a social institution and a special form of small group. Examination of theoretical and empirical research focusing upon mate selection, marital interaction, and child socialization. Topics include contemporary demographic trends and cultural practices.

credit hours: 3

SOCI 1040 Gender and Society

Gender and Society

Examines the social construction of gender and the consequences of gender equality. Topics include socialization, intimate relations, paid and unpaid work, violence, and social change.

credit hours: 3

SOCI 1050 Introduction to Education and Society

Introduction to Education and Society

This course is an introduction to sociological research, concepts, and theories about education. In the course, the purpose and function of education for the individual and society are critically considered, and a substantial amount of time is spent discussing the links between education and inequality. Topics that are discussed in detail include: the potential and limitations of schools, schools as agents of socialization, cross-national differences in educational systems, social relationships in schooling (the influence of community, social capital, parents, and peers), within and between school inequalities (school effects/ ability grouping), the effects of school characteristics and ascriptive forces on schooling outcomes, and variation in schooling outcomes themselves (achievement, attainment, labor market outcomes). Students will gain an appreciation of the role of schools as powerful determinants of the opportunities that individuals experience in modern societies.

credit hours: 3

SOCI 1060 Urban Sociology

Urban Sociology

The social patterns, processes, and institutional structure of urban life.

credit hours: 3

SOCI 1080 Deviant Behavior

Deviant Behavior

Examines forms of human behavior that have been defined as deviant by the larger society. An emphasis is placed on understanding the social construction of such definitions, especially their cross-cultural variations, as well as motivations and social implications for those whose behavior is judged as deviant.

credit hours: 3

SOCI 1090 Social Problems

Social Problems

Examination of critical contemporary social problems and social policy options. Emphasis is placed on understanding the multidimensional sources of crisis, unrest, and instability as well as policy options and tradeoffs associated with ameliorative efforts. Topics vary by semester and instructor.

credit hours: 3

SOCI 1150 Introduction to Social Work

Introduction to Social Work

Introduces students to the profession and practice of social work. Examines principles, functions, knowledge base, and history of social work. Topics include the change process, levels of practice, and social problems affecting clients and practitioners.

credit hours: 3

SOCI 1210 Sociology of Religion

Sociology of Religion

Introduces students to sociological study of religious phenomena, including religious beliefs, practices, and behaviors as conditioned by sociological factors. A key emphasis is the relationship between religious systems and other social institutions, e.g., politics, family, economy, and social stratification.

credit hours: 3

SOCI 1300 Criminology

Criminology

Emphasizes the public's perception of the crime problem and various sociological measures of amounts and trends of criminal behavior in society. Causal and noncausal theories of criminality, and the sociological implications of various selected offenses are explored.

Notes: Co-op SOCI Course as an elective in Social Policy and Practice program

credit hours: 3

SOCI 1400 Sociology of Sport

Sociology of Sport

An analysis of the structure and functions of sports in contemporary American society. Topics include the relationship between sports, socialization, ideology, sports and totemism, the organization of sports, and the economics of sports.

credit hours: 3

SOCI 1460 Asian American Communities

Asian American Communities

This course will provide a sociological introduction to America's rapidly growing Asian American populations and to the major issues facing these populations.

credit hours: 3

SOCI 1470 Global Social Change

Global Social Change

Examines global change and its implications for individuals and groups via exploration of issues of globalization of the economy, international development, urbanization, immigration, social movements, changing gender relations, etc. Emphasis will be placed on how such changes have come about and course focus will be international in scope with emphasis on Latin America, Asia, and/or Africa.

credit hours: 3

SOCI 1510 Work in American Society

Work in American Society

Examines the concepts of occupations, professions, and work organizations. It considers issues about employee selection, job involvement, alienation, satisfaction, performance, and compensation; industrial mental health, occupation safety, health and medicine; social conditions of work in bureaucratic organizations, work groups and union membership; supervision and human resource management; and the changing conditions of work resulting from technological change, social change, shifts in the occupational structure and the interface of work with other institutions such as the family.

credit hours: 3

SOCI 2010 Foundations of Sociology

Foundations of Sociology

To provide substantive exposure to basic sociological concepts, theories, methods, and tools.

Pre-requisites: Three credits of sociology at the 1000-level or approval of instructor.

credit hours: 3

SOCI 2050 Population and Society

Population and Society

An examination of the dynamic relationship between population and society. The course focuses on the contemporary demography of developed and developing countries, with an emphasis on societal problems linked to population.

Pre-requisites: SOCI 2010 or approval of instructor.

credit hours: 3

SOCI 2100 Special Topics in Sociology

Special Topics in Sociology

Special topic announced each semester.

Notes: May be repeated for credit provided it's a different topic.

credit hours: 3

SOCI 2180 Wealth, Power and Inequality

Wealth, Power and Inequality

Survey of theoretical and empirical literature on the distribution of wealth, power, and prestige within and across societies and historical periods. Emphasis is placed on the impact of social change on stratification systems.

Pre-requisites: SOCI 2010 or approval of instructor.

credit hours: 3

SOCI 2210 Sociology of Reproduction

Sociology of Reproduction

This course is an introduction to the Sociology of Human Reproduction. We frequently think about reproduction as a natural/biological event, but like other aspects of human life, it is socially constructed: shaped by and experienced in and through various social practices. We will cover topics ranging from childbirth to breastfeeding, contraception to childlessness, and even little-known issues such as man" -opause (i.e., male menopause). Much of the social science work on human reproduction comes from either demographic or feminist traditions so course readings reflect this dual genealogy."

Pre-requisites: SOCI 2010 and SOCI 1040 or GESS 2900

credit hours: 3

SOCI 2450 Society through Cinema

Society through Cinema

Examination of social organization, interaction, issues, and problems via the depiction of these issues and themes in selected commercial and documentary cinematic statements as illustrative material. Weekly class meetings are divided into lecture, screening, and discussion. Specific topical foci differ by semester.

credit hours: 3

SOCI 2460 Cinematic New Orleans

Cinematic New Orleans

Cinematic New Orleans explores how the city and culture of New Orleans figure prominently as

both a character and context in commercial film by examining the production and reproduction of the city's culture and its cinematic expression across numerous film genres since the 1930s. Using the lens of Hollywood film, issues such as place, identity, race, culture, and their social construction, as well as a broader sociological and historical sense of New Orleans will be investigated.

credit hours: 3

SOCI 2490 Latin American Social Structure

Latin American Social Structure

An historical examination of the human condition in Latin America emphasizing three primary spheres of social relations: political, economic, and ideological. Within each sphere the following themes are addressed: national-international relations, urbanization, rural social structure, demographic trends, cultural change, and stability.

credit hours: 3

SOCI 2500 Organizational Behavior

Organizational Behavior

An introduction to the sociological study of organizations in the private and public sectors. Topics include models for studying organizations, organization processes (communication, decision-making, negotiation, leadership), the impact of structural culture, and environmental factors on organizational behavior.

Pre-requisites: SOCI 2010 or approval of instructor.

credit hours: 3

SOCI 2600 Environmental Sociology

Environmental Sociology

This course examines political and economic aspects of global and local environmental problems. Topics include how societies and the environment interact, why some environmental risks have gained most attention, how support for environmental concerns can be measured, responses by environmental social movements, and visions of sustainable societies in the First and Third Worlds.

credit hours: 3

SOCI 2650 Latin America and the Environment

Latin America and the Environment

An introduction to the political economy of the environment in Latin America.

Notes: Elective in Environmental Studies and Latin American Studies

credit hours: 3

SOCI 2700 The Social Psychology of Everyday Life

The Social Psychology of Everyday Life

An examination of issues involved in everyday social interactions, this course focuses on dimensions of interpersonal behavior against the background of sociological roles and role-playing. Emphasis is placed on the nature and process of interpersonal relationship, encounters, and public behavior against the backdrop of societal assumptions, norms, practices and beliefs. Related issues of affect/emotion, attitudes, cognition and perception will be discussed.

credit hours: 3

SOCI 2730 City of Paris

City of Paris

Paris, one of the most distinctive and historically rich cities in the world, is used as a living laboratory for an examination of social patterns, processes, and organization of contemporary urban life. Course materials and field investigations serve to contextualize modern Paris in the conditions that spawned its dramatic transformation over the past two millennia and its continuing evolution into the present. Much of this summer class is experiential: learn by doing-planning, exploring, observing, mapping, and interpreting. In-class and field projects focus on how cities and urban systems are organized, the structuring of public space and its uses, modes of interpersonal interaction, how people perceive and attach meaning to the built environment, how we "read" cities, and represent urban spaces and places in our minds via "cognitive maps".

credit hours: 3

SOCI 2750 Monuments, Collective Memory, and the Sociology of Remembrance

Monuments, Collective Memory, and the Sociology of Remembrance

Summer only course. A sociological exploration of collective memory and commemoration that seeks to address the following questions: What do nations (and other social groups) remember, acknowledge, commemorate, ignore, contest, and deny about the past? How and why do we decide to remember certain things and not others? Which past and whose past do we remember? How do we represent these memories? How does collective memory differ from individual memory? What is the relationship of the remembered past to the present and intended future?

credit hours: 3

SOCI 2880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three credit departmental course.

credit hours: 3

SOCI 3030 Introduction to Research Design

Introduction to Research Design

Logic and techniques of social research, the relationships between theory and method, and alternative strategies in data collection.

Pre-requisites: SOCI 2010 or approval of instructor.

credit hours: 3

SOCI 3040 Introduction to Research Analysis

Introduction to Research Analysis

Basic training in descriptive and inferential statistics with social science applications. Topics include measurement, tabular and graphic displays of data, central tendency, dispersion, probability, estimation, hypothesis testing, and linear regression.

Pre-requisites: SOCI 3030 or approval of instructor.

credit hours: 3

SOCI 3220 Social Theory

Social Theory

An introduction to classical and contemporary sociological theory.

Pre-requisites: SOCI 2010 or approval of instructor.

credit hours: 3

SOCI 3880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

SOCI 3890 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of a three-credit corequisite course.

Pre-requisites: Approval of department.

credit hours: 3

SOCI 4210 Urban Ethnography and Social Justice

Urban Ethnography and Social Justice

In this course students will develop a practical working knowledge of the theoretical and conceptual frameworks used in analyzing urban issues of social justice through a combination of classroom instruction, applied ethnographic field instruction, practitioner engagement, and professional development activities.

Notes: Required course in the Summer Public Policy Minor Community Engagement Track

credit hours: 3

SOCI 4310 Crime, Punishment, and Community in New Orleans

Crime, Punishment, and Community in New Orleans

This course examines the relationship among community changes/characteristics, crime, and punishment focusing on New Orleans. It includes an intense community engagement component that involves residential outreach to assess viewpoints on common crime prevention, policing and punishment practices.

Notes: Count as an elective in Public Policy Summer Minor

credit hours: 3

SOCI 4560 Internship Studies

Internship Studies

Open to especially qualified upper level students.

Pre-requisites: SOCI 3040, approval of instructor and department.

credit hours: 1-3

SOCI 4570 Internship Studies

Internship Studies

Open to especially qualified upper level students.

Pre-requisites: SOCI 3040, approval of instructor and department.

credit hours: 1-3

SOCI 4610 Ecology and Society

Ecology and Society

From local disasters to global crises, this course explores the grave consequences to human development springing from ecological catastrophes and the ways in which wellbeing, social equality, and economic advance are intimately linked to the environment.

Notes: Elective in Environmental Studies

credit hours: 3

SOCI 4910 Independent Studies

Independent Studies

Open to especially qualified upper level students with approval of instructor.

Pre-requisites: SOCI 3040, approval of instructor and department.

credit hours: 1-3

SOCI 4920 Independent Studies

Independent Studies

Open to especially qualified upper level students with approval of instructor.

Pre-requisites: SOCI 3040, approval of instructor and department.

credit hours: 1

SOCI 6010 Advanced Topics in Sociology

Advanced Topics in Sociology

Special topic announced each semester.

Notes: May be repeated for credit provided it is a different topic.

Pre-requisites: SOCI 3040 and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6060 Issues in the Sociology of Gender

Issues in the Sociology of Gender

This course examines research in several areas of the sociology of gender. Topics include the acquisition of gender identity, face to face interactions, the changing roles of women and men, the intersection of work and family, and social movements. Students will conduct original research in one of these areas.

Pre-requisites: SOCI 3040 and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6070 The Sociology of Sexuality

The Sociology of Sexuality

An advanced sociology course on sexuality. The core theme of the course is to explore how the way we think about and experience the erotic, sex, and sexuality are constructed through and shaped by social processes. Considerable time will be spent on sexuality as a system of stratification that is separate from but intersects with inequalities on the basis of gender, race, ethnicity, and class.

Pre-requisites: SOCI 3040 and SOCI 3220, or approval of instructor.

credit hours: 3

SOCI 6120 Race and Ethnic Relations in America

Race and Ethnic Relations in America

Sociological examination of the dynamics of race and ethnic relations in the United States. This course provides an opportunity for students to read about, think, and discuss issues of racial and ethnic relations in society. Topics include the social construction of racial classification systems, the historical record of the interaction between the races in America, public policy, and possible mechanisms for dealing with some of the issues that many consider most problematic in our society.

Pre-requisites: SOCI 3040 and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6130 Race, Crime, and Control

Race, Crime, and Control

This course examines the US Criminal Justice system as a mechanism of racial control. It covers the socio-historical construction of race, different theories and practices of racism and their manifestation and institutionalization in the contemporary US Criminal Justice system, and ongoing strategies of resistance and antiracism. Prerequisite: SOCI 3030, SOCI 3040 and SOCI 3220

Pre-requisites: SOCI 3030, SOCI 3040 and SOCI 3220

credit hours: 3

SOCI 6150 Gangs, Gangsters and Organized Crime: Constructing and Controlling Public Enemies

Gangs, Gangsters and Organized Crime: Constructing and Controlling Public Enemies

Using case studies from Japan (Samurai-to-Tonin-to-Yakuza), the gangster-era United States (1920s and 1930s), modern Colombia (narcotraffice) and Brazil (Favela gangs), and contemporary urban U.S. ethnic gangs, this course explores through text and film, the social construction and social control of groups deemed public enemies. Course analysis uses several theoretical contexts: Social constructionist sociology, theories of political and social power, conceptualizations ethnic strangers, Others, and the role of classification in ordering social worlds. These processes are explained in terms of longer-term historical developments involving constructing and reshaping urban identities, distinguishing urban from rural ones, and the internationalizing of these processes and struggles.

Pre-requisites: SOCI 3040 and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6160 Crime and Human Development

Crime and Human Development

This course will examine key conceptual and research issues such as the development of criminal behavior and criminal careers; stability and change in criminal behavior across developmental stages of the life course; trajectories, transition, and turning points through life; qualitative and quantitative approaches to studying crime and the life course, and social change and its link to individual lives. Prerequisites: SOCI 3040 (Introduction to Research Analysis) and SOCI 3220 (Social Theory).

Pre-requisites: SOCI 3040 and SOCI 3220

credit hours: 3

SOCI 6190 Urban Organization

Urban Organization

A study of the causes and social effects of urban growth and decay in rich and poor countries. An examination of contemporary urban social classes and political coalitions, and how these are changing with shifting regional economies.

Pre-requisites: SOCI 3040 and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6210P Sociology of Culture

Sociology of Culture

credit hours: 3

SOCI 6250 Sociology of Childhood

Sociology of Childhood

This course examines theories, methods, and empirical research in several areas of the sociology of childhood. Major themes are (1) how social structure constrains children's lives, (2) how children negotiate, share, and create culture, and (3) how children's experiences vary within and across societies. Topics include historical trends in thinking about children, cultural reproduction in early childhood, children's social worlds, contemporary attitudes toward children, and social policies for children. Students will design and carry out original research projects.

Pre-requisites: SOCI 3040 and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6260 Gender, Work and Family in Cross-Cultural Perspective

Gender, Work and Family in Cross-Cultural Perspective

This course focuses on the sociological intersections of gender, work, and family across a variety of countries, with emphasis on (but not limited to) the European Union and the United States. Major themes are (1) how national context influences the work-family nexus for adults (women and men) and children (girls and boys), (2) how people negotiate, share, and create culture as it relates to work-family issues, and (3) how the experiences and ideologies of parents and children vary within and across societies. The course will cover a wide range of sociological vantage points, from macroscopic to microscopic issues.

Pre-requisites: SOCI 2010, SOCI 3030, SOCI 3040.

credit hours: 3

SOCI 6300 Urban Policy and Planning

Urban Policy and Planning

This course examines how government policies and programs have shaped and affected cities and metropolitan areas in the United States and around the world over the last hundred years or so. The course investigates policies and planning actions pertaining to community organizing, welfare reform, adaption to climate change, post-disaster recovery and rebuilding, tourism and urban cultural production: real estate, housing, and uneven development, and sustainability. The course will focus on policies that have impacted the built environment and address relationships between cities, communities, and broader socio-political and economic processes. As a capstone course, assignments and course activities are designed for advanced undergraduate or for graduate students interested in connecting the course subject matter with a service learning project within the sociology of urban policy and planning.

Pre-requisites: SOCI 3040 and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6310 The Urban Experience

The Urban Experience

Uses a broad array of social scientific and humanistic analytical and representational elements to explore how individual persons and cultures experience, process, interpret, and express the modern urban milieu.

Pre-requisites: SOCI 3040 and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6320 Global Political Economy and the Environment

Global Political Economy and the Environment

This course provides an overview of sociological research pertaining to globalization and the environment. Topics include macro-comparative theories of development. and the

interconnections among society, political-economic dynamics, the process of globalization. and natural system (ecology).

Notes: An elective in Environmental Studies

Pre-requisites: SOCI 3220 and SOCI 3040 or approval of instructor

credit hours: 3

SOCI 6325 Global & Local Environmental Justice

Global & Local Environmental Justice

This service-learning course enriches student understanding of environmental justice at the global and local level. Students will sharpen their knowledge of various environmental movements. activism. and advocacy in the classroom. which will be supplemented with experience in the field. Specifically. students will collaborate with environmentally-focused organizations and nonprofits in the greater New Orleans area to implement environmental justice activities in the local community. SOCI 3040 is a pre-requisite for course enrollment.

Pre-requisites: Pre-requisite: SOCI 3040

credit hours: 3

SOCI 6330 Sociology of Education

Sociology of Education

This course will examine the social functions of educational institutions, the role of education in the American social and economic structure, and major controversies and debates concerning educational policy as social policy.

Pre-requisites: SOCI 3040 and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6350 Marginality and the Other: A Sociology of Persecution and State-Making

Marginality and the Other: A Sociology of Persecution and State-Making

This course examines the role of ideologies justifying persecution itself in the construction and change of national states. Four interrelated and interactive processes are analyzed: cultural construction of pollution, danger, and taboo; marginalization of stigmatized Others; the roles of these processes in construction and change in national states; the responses to Others to the previously described processes.

Pre-requisites: SOCI 3040 and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6410 Political Policing: Brazil, Mexico, the United States, and Beyond

Political Policing: Brazil, Mexico, the United States, and Beyond

Is policing politically neutral in its goals and consequences? Is it inherently political in its processes, goals, and outcomes? What is political policing? How does it operate? Is politicized policing solely a problem of developing country settings? Does it decrease with societal development? What is the relationship of police to national states and their political agendas? What is the difference between low and high political policing? Under what conditions do the politics of policing become more or less visible? What is the relative political value of police or military action? What have been the consequences of political policing?

Pre-requisites: SOCI 3040 and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6440 Language Behavior and Communication

Language Behavior and Communication

An examination of the intersection of psychosocial processes and the machinery of grammar and lexicon. Examination of the areas of aphasia, mental disorders, language acquisition, and cognition with an emphasis on cross-cultural methods and experimental design.

Pre-requisites: SOCI 3040 and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6640 Sociology of Organizations

Sociology of Organizations

Exploration and development of organizational structures, processes and consequences.

Interdisciplinary focus drawing conceptual, theoretical, and methodological tools from sociology, management, economics, and applied fields such as law and public administration. The seminar will examine classic and current issues in the sociology of organizations and the influence of complex organizations on different contexts and institutions (e.g., economy, family, healthcare, politics).

Pre-requisites: SOCI 3040 and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6660 Forensic Sociology, Policy, and Law

Forensic Sociology, Policy, and Law

This course will introduce students to the ways in which scholars and researchers apply social science knowledge, methods, and theories to legal problems such as criminal trials, civil disputes, and arbitration proceedings. The course will address socio-legal questions and problems related to the following areas of civil litigation: premises liability and inadequate/negligent security, product liability and human-factors related litigation, climate change, toxic torts and crimtorts, racial segregation and fair housing, and employment discrimination lawsuits. Prerequisites: SOCI 3220; SOCI 3030; and SOCI 3040

credit hours: 3

SOCI 6880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

SOCI 6890 Field Work Methods in the Americas

Field Work Methods in the Americas

credit hours: 3

SOCI 6910 Gender in Latin America

Gender in Latin America

A sociological examination of how changing political, economics and developmental issues in Latin America shape and are shaped by gender relations.

Pre-requisites: SOCI 2490 or LAST 1010, and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6930 Social Movements in Latin America

Social Movements in Latin America

An examination of the factors shaping the emergence, development, and decline of social movements in Latin America. Issues addressed include why people join movements, what constraints there are on building of social movement organizations, and in what ways are leaders and ideologies crucial to movement development.

Pre-requisites: SOCI 2490 or LAST 1010, and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6940 Political Sociology of Latin America

Political Sociology of Latin America

This course examines theories of the bases and distribution of power in Latin America. Topics include the role of elites and domestic class coalitions in state formation and regime transitions, the role of civil society/labor, popular associations, political parties in democratization, and the role of culture, including religion, in political life.

Pre-requisites: SOCI 3030, SOCI 3040, SOCI 3220, or approval of instructor.

credit hours: 3

SOCI 6960 Urban Latin America

Urban Latin America

This course is a study of the causes and social effects of urban growth and decay in rich and poor countries in the Americas. Examines contemporary urban social classes and political coalitions, and how these are changing with shifting regional economies. The course discusses theories of urban societies and regional growth, and examines case studies and theories from Latin America.

Pre-requisites: SOCI 2490 or LAST 1010, and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6970 Latin American Social Mobilization

Latin American Social Mobilization

Certain social networks and types of social practice specialize in subverting the state and dominant society. In this class we look diffusely at "social mobilization" and focus on manifestations beyond social movements. We look at protest, at crime and violence, and at religion. The goal is to understand social history, or the way people who are not in positions of institutional power come together to change their world, sometimes to make the world better and sometimes to make it worse. Our goal is to develop sensibilities and analytic outlooks that allow us to understand these types of social mobilization as a way of understanding social change in Latin America, beyond the institutions that political scientists and economists tend to focus on.

Prerequisites: SOCI 3030, SOCI 3040, and SOCI 3220 or approval of instructor.

Pre-requisites: SOCI 3030, SOCI 3040, and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 6990 Special Topics in the Sociology of Latin America

Special Topics in the Sociology of Latin America

Course topics vary. Courses will include: Latin American Immigration, Race and Ethnicity in the Americas, Caribbean Societies, and Drugs and Alcohol in the Americas.

Pre-requisites: SOCI 2490 or LAST 1010, SOCI 3040 and SOCI 3220 or approval of instructor.

credit hours: 3

SOCI 7010 Readings in Special Field

Readings in Special Field

credit hours: 3

SOCI 9980 Master's Research

Master's Research

credit hours: 0

SOCI 9990 Dissertation Research

Dissertation Research

credit hours: 0

SOCI H4990 Honors Thesis

Honors Thesis

For senior honors candidates and other qualified senior majors. Intensive reading and research in a selected field of sociology.

Pre-requisites: SOCI 3040, approval of instructor, and department.

credit hours: 3

SOCI H5000 Honors Thesis

Honors Thesis

For senior honors candidates and other qualified senior majors. Intensive reading and research in a selected field of sociology.

Pre-requisites: SOCI 3040, approval of instructor, and department.

credit hours: 3

PORT 1121 Intensive Portuguese Lab

Intensive Portuguese Lab

A 75-minute weekly meeting dedicated to improving proficiency via telecollaboration. Co-requisite: PORT 1120

Co-requisites: Co-requisite: PORT 1120

credit hours: 0

PORT 2890 Intermediate Portuguese Lab

Intermediate Portuguese Lab

A 75-minute weekly meeting dedicated to improving proficiency via telecollaboration. Co-requisite: PORT 2030

Co-requisites: Co-requisite: PORT 2030

credit hours: 0

SPAN 4710 Environmental Literature and Film of the Hispanic World

Environmental Literature and Film of the Hispanic World

Prerequisite: SPAN 3000-level sequence. SPAN 4060 required for Majors only. The importance and grandeur of the diverse environments of the Hispanic and Lusophone worlds as well as the problems and challenges posed by foreign and local exploitation of natural resources,

environmental racism, climate change and environmental degradation. (3 credits)
Pre-requisites: SPAN 3000-level sequence. SPAN 4060 required for Majors only.
credit hours: 3

SPAN 1010 Introductory Spanish I

Introductory Spanish I

The overall goal of this course is developing proficiency in the 4 language skills (listening, reading, speaking, and writing) essential to communicative language learning. The course uses a task-based approach which provides the learner with opportunities to use the language interactively.

Pre-requisites: Departmental placement only.

credit hours: 4

SPAN 1020 Introductory Spanish II

Introductory Spanish II

Continuation of SPAN 1010. The overall goal of this course is developing proficiency in the four language skills (listening, reading, speaking, and writing) essential to communicative language learning. The course uses a task-based approach which provides the learner with opportunities to use the language interactively.

Pre-requisites: For students who have completed 1010 at Tulane; other introductory students must enroll in 1120.

credit hours: 4

SPAN 1120 Intensive Introductory Spanish

Intensive Introductory Spanish

The overall goal of this course is developing proficiency in the four language skills (listening, reading, speaking, and writing) essential to communicative language learning. The course uses a task-based approach which provides the learner with opportunities to use the language interactively.

Notes: In the place of SPAN 1010 and SPAN 1020.

Pre-requisites: Departmental placement only.

credit hours: 4

SPAN 2030 Intermediate Spanish

Intermediate Spanish

The overall goal of this course is developing proficiency in the four language skills (listening, reading, speaking, and writing) essential to communicative language learning. The course uses a task-based approach which provides the learner with opportunities to use the language interactively. The overall goal of this course is developing proficiency in the four language skills (listening, reading, speaking, and writing) essential to communicative language learning. The course uses a task-based approach which provides the learner with opportunities to use the language interactively.

Pre-requisites: Departmental placement only. Continuation of SPAN 1020 or 1120.

credit hours: 4

SPAN 2040 Spanish Conversation and Composition

Spanish Conversation and Composition

This course is designed to develop oral proficiency in Spanish through the study and analysis of recorded, visual, and written texts, as well as a variety of pair and group activities. Special

emphasis is placed on pronunciation, vocabulary acquisition, and a review of Spanish grammar and syntax.

Pre-requisites: SPAN 2030 or equivalent.

credit hours: 3

SPAN 3040 Spanish Grammar and Writing

Spanish Grammar and Writing

Analysis and practice in the written language. With addition of the registration number Spanish 3880 Writing. Practicum, this course fulfills the college intensive-writing requirement for Spanish major speakers.

Notes: Not open to native speakers.

Pre-requisites: SPAN 2040 or special permission.

credit hours: 3

SPAN 3050 Spanish Grammar and Writing for Business

Spanish Grammar and Writing for Business

This course studies the Spanish language as it is used in business and law. It provides students with the lexicon related to these topics, as well as with contexts for its usage and practice in the Spanish-speaking world.

Pre-requisites: SPAN 2040 or special permission

credit hours: 3

SPAN 3060 Spanish Grammar and Writing for the Medical Profession

Spanish Grammar and Writing for the Medical Profession

This course introduces students to Spanish for the health sciences. Spanish major and minors interested in the health professions are encouraged to enroll, along with pre-medical and public health majors and minors.

Pre-requisites: SPAN 2040 or special permission

credit hours: 3

SPAN 3070 Latin American Literature in English Translation

Latin American Literature in English Translation

A survey of Spanish American literary writings of special cultural and historical interest, for students not prepared to read the Spanish original.

Notes: Does not count toward the Spanish major or minor.

credit hours: 3

SPAN 3130 Introduction to Latin American Cultures

Introduction to Latin American Cultures

Introduction to the cultural diversity of Latin America through the study of contemporary literary, social, political, and popular culture trends as observed by selected literary figures, intellectuals, and artists.

Notes: Not open to native speakers.

Pre-requisites: SPAN 3040 or SPAN 3050 or SPAN 3060

credit hours: 3

SPAN 3240 Introduction to Spanish Culture

Introduction to Spanish Culture

This course offers the intermediate student a brief introduction and survey of Spanish culture beginning during the earliest moments of the Spanish nation and continuing through the present,

primarily through nonliterary means. This discussion is supplemented by cultural readings and visual media to give an overview of Spanish culture.

Pre-requisites: SPAN 3040 or SPAN 3050 or SPAN 3060

credit hours: 3

SPAN 3270 Spanish and Latin American Literatures and Cultures

Spanish and Latin American Literatures and Cultures

Through a series of readings from Latin America and Spain, students receive instruction in literary terminology, vocabulary building, and strategies for enhanced reading comprehension. Significant emphasis on the continued development of linguistic skills and critical analysis.

Pre-requisites: SPAN 3130 or SPAN 3240 or SPAN 3350

credit hours: 3

SPAN 3280 Film and Visual Culture in Spanish

Film and Visual Culture in Spanish

Through a series of film viewings, readings, and access to other visual media from Latin America and Spain, students receive instruction in how to discuss and analyze visual culture in Spanish. Vocabulary building and strategies for enhanced viewing and reading comprehension are stressed. Significant emphasis on the continued development of linguistic skills.

Pre-requisites: SPAN 3130 or 3240 or 3350

credit hours: 3

SPAN 3350 Introductory Topics in Hispanic Cultures

Introductory Topics in Hispanic Cultures

An introduction to Hispanic cultures from different thematic perspectives, which may include: US Latino culture, Jewish cultural production in Latin America and/or the Iberian peninsula, theatrical and performative practices in the Hispanic world, etc.

Pre-requisites: SPAN 3040 or SPAN 3050 or SPAN 3060

credit hours: 3

SPAN 3450 Don Quijote in Translation

Don Quijote in Translation

Conducted in English with readings in translation. Not open to majors or native speakers. A study of Cervantes' masterpiece Don Quijote and the two outstanding picaresque novels, the anonymous Lazarillo de Tormes and Francisco de Quevedo's Buscón. The works are studied within the context of the period, with some emphasis given to their importance in the development of the modern European novel.

Notes: Does not count toward the Spanish major or minor.

credit hours: 3

SPAN 3890 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of a three-credit corequisite course.

Pre-requisites: Departmental approval.

credit hours: 0

SPAN 4060 Pre-20th Century Readings in Spanish

Pre-20th Century Readings in Spanish

For majors in Spanish, 4060 is a prerequisite for all other courses at the 4000-level and above.

An introduction to the literature and critical issues of early Hispanic cultures until modernismo". Students acquire fundamental skills in literary and critical analysis as well as a basic understanding of key cultural topics such as medieval "convivencia" the social order in early modern Spain indigenous concerns in colonial Latin America.

Pre-requisites: 3000-level sequence

credit hours: 3

SPAN 4100 Constructions of Gender and Sexuality in Hispanic Culture

Constructions of Gender and Sexuality in Hispanic Culture

This course focuses on issues of gender and sexuality in Spain and/or Latin America with emphasis on one area or the other depending of the staffing in a given year. It includes consideration of literary and other texts, including popular music, art, and cinema.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4110 Modern Spanish American Literature

Modern Spanish American Literature

Major authors of the nineteenth and twentieth-centuries, including Martí , Darío , Vallejo, Alfonso Reyes, Borges, Rulfo, Paz, and Carpentier.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4120 Social Problems in Spanish American Literature

Social Problems in Spanish American Literature

The chief problems of Latin American society as reflected in poetry, short fiction, essay, and theatre. Representative works concerning the Mexican revolution; the social status of women, Indians and blacks; the life of urban and rural working classes; tyranny and political repression.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4130 Topics in Spanish American Literature

Topics in Spanish American Literature

Readings in Spanish American stories, essays, and poems, focusing on a topic of historical and cultural importance. Some themes: women in Spanish American literature, regionalism and indigenismo, Afro-Latin American writing, testimonio. The precise topic varies from year to year.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4131 Creative Writing in Spanish

Creative Writing in Spanish

This course offers students the tools to articulate their ideas and experiences in a narrative form in Spanish. The course is designed to achieve this in two ways: by learning specific techniques through readings of short stories both in Spanish and English, which will be refined through numerous exercises; and by working through the semester on the crafting of at least one short story or non fiction piece, about which the professor will make observations and suggestions as each student present advances of their work. During the semester students will extensively practice writing, critical reading, and peer editing. The course introduces students to literary terminology and places significant emphasis on vocabulary building.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4140 Introduction to Colonial Letters

Introduction to Colonial Letters

This course satisfies the pre-twentieth-century requirement. Introduction to the literary monuments and cultural history of colonial Spanish America (1492-1815), with special focus on the relationship between first-person narration and Spanish legal traditions. Cultural icons of the colonial period to be studied include Hernán Cortés.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4150 Spanish Literature of the 20th Century

Spanish Literature of the 20th Century

Selections from the writings in all genres from the Generation of 1898 to the present.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4160 Afro-Hispanic Literatures and Cultures

Afro-Hispanic Literatures and Cultures

This course examines history, literature, and culture of Afro-Latin Americans from the colonial period up to the present. Throughout the course, students read articles concerning slavery, race relations, Afro-Atlantic religions, music, and Black political movements in Latin America. These readings provide socio-cultural context from the analysis of selected literary texts.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4170 Spanish Film

Spanish Film

The development of the cinema in Spain from its origins to the present. Contextual topics such as the effects of civil war and censorship are discussed. Emphasis on a theoretical approach to the medium, with close analysis of individual films by directors such as Buñuel, Saura, Erice, and Almodóvar, among others.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4180 Topics in Latin American Cultural Studies

Topics in Latin American Cultural Studies

Introduction to multiple aspects of Latin American culture. Students study a variety of cultural production, ranging from literature, film, music, and art, to cooking, comics, and TV to form as complete as possible a vision of Latin America's complex and multifaceted culture. Can be repeated for credit up to 3 times.

credit hours: 3

SPAN 4190 Introduction to Latin American Film

Introduction to Latin American Film

The development of cinema in Latin American from its arrival as an imported technology to the present. Films studied in relation to the sociopolitical environment and emphasis placed on close analysis as well as a contextual understanding of the material. Topics include the struggle to create national film industries, the art film and New Cinema movements, and recent trends in countries such as Mexico and Argentina.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4200 The Historical Novel of Latin America

The Historical Novel of Latin America

Study of recent works by Latin America's premier novelists that considers how these writers articulate modern cultural identities by narrative the lives of iconic figures of the colonial past. Contemporary essays and selections from colonial texts are also discussed. Authors include Arenas, Carpentier, Fuentes, García Márquez, Lobo, Posse, Vargas Llosa.

Notes: Does not fulfill colonial-nineteenth century Latin American requirement.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4210 Topics in Latin American Cinema

Topics in Latin American Cinema

A topics course on the cinemas of Latin America. Possible themes include representations of history, violence and politics, subaltern subjectivities, genres, cinema and cultural imperialism. The course may refer to a particular national tradition or to Latin American film in general.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4230 Visual Culture in Golden Age Spain

Visual Culture in Golden Age Spain

This course studies the cultural role of images, largely painting, in Spain during the period 1500-1700. Topics explored include: the pictorial use of mythological themes in the projection of imperial power, the importance of portraiture in the legitimization of the Spanish monarchy, the art market and the social status of the artist. While painting is our main focus, we also examine other visual documents such as maps and read literary works that illuminate the functions of images in the period.

Notes: This course satisfies the pre-twentieth-century requirement.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4260 Spanish Phonetics and Phonology

Spanish Phonetics and Phonology

A detailed investigation of the speech sounds of Spanish, their organization, and their proper articulation. Practice both in class and with recorded material.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4270 Iberoamerican Dialectology

Iberoamerican Dialectology

Survey of the varieties of Spanish spoken in Spain, Latin America, and the United States. We look at variation in pronunciation and grammatical usage, such as the tu/usted/vos, as well as variation by age, gender, and social class.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4280 Sex, Sentiment and Marriage

Sex, Sentiment and Marriage

In the 18th century, there is a change in the expectations for marriage and gender relations in general. Instead of the assumption that marriage was to secure property and family alliances, there arose the hope that men and women would find attraction and companionship in marriage. We will look at the process of change in ideas about marriage, the education of women, the right to choose a spouse, romantic love and sexual seduction, and practical problems of the division of power in a marriage.

Pre-requisites: Prerequisite: SPAN 3000 sequence.

credit hours: 3

SPAN 4350 Topics in Spanish Literature and Culture

Topics in Spanish Literature and Culture

A topics course on the literature and culture of Spain. Possible themes include science and literature, construction of gender and sexuality, revolution and repression, honor and violence, popular culture, satire, and metanarrative.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4420 Introduction to Multicultural Medieval Iberia

Introduction to Multicultural Medieval Iberia

Introduction to the cultural issues of medieval Iberia from the eighth century to 1500. Students read a variety of medieval stories, miracles, and historical documents in order to actively discuss Iberia's diverse Jewish, Muslim, and Christian communities, and to engage with such topics as courtly love, health and healing, pilgrimage, the reconquest, and medieval work.

Notes: This course satisfies the pre-twentieth-century requirement.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4430 Literature of the Golden Age

Literature of the Golden Age

Readings and discussions of selected dramatic, poetic, and prose works of the Siglo de Oro by Cervantes, Lope de Vega, Tirso de Molina, Calderón, Quevedo and Luis de Góngora.

Notes: This course satisfies the pre-twentieth-century requirement.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4510 Hispanic Cities

Hispanic Cities

This class explores the history, artistic production, literature, and cultural issues related to a Hispanic city, such as Buenos Aires, Madrid, Mexico City, or Seville. In an effort to investigate the city in a broad national and international context, the course connects an urban area to important events and sites in Latin American and Spain. Taught in rotation by different faculty in the department, the focus on a particular city changes with the professor.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4520 Spanish Cultural Studies

Spanish Cultural Studies

Spanish cultural studies applies interdisciplinary approaches to the study of popular and mass cultural forms. Depending on the instructors' specialization, the course may encompass various

chronological periods or special themes. In addition to the specifics of individual syllabi, all classes explore the role of culture in nation formation, the organization of leisure time through the culture industry, culture as a site of power, concepts of high and low culture, and how various cultural systems cut across boundaries of class, race, religion, and gender.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4610 National Cinemas in Latin America

National Cinemas in Latin America

A detailed historical, thematic, and stylistic analysis of individual national cinemas in Latin America (Cuban cinema, Brazilian cinema, Mexican cinema, for example). Emphasis will be placed on understanding the development of national cinema industries and movements in the context of other social, economic, political, and aesthetic forces. May be repeated for credit if the national cinema studied is different.

Notes: COMM 4190, Intro to Latin American Cinema, is highly recommended, although not a prerequisite.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4830 Hispanic Literature Topics in English Translation

Hispanic Literature Topics in English Translation

A study of Spanish and/or Latin American literary works in translation within a specific interdisciplinary topics format based on a central theme or problem. To receive credit toward the Spanish major or minor, all written work and selected weekly readings must be completed in Spanish.

Pre-requisites: 3000-level sequence. SPAN 4060 required for Majors.

credit hours: 3

SPAN 4910 Independent Studies

Independent Studies

Pre-requisites: Departmental approval.

credit hours: 3

SPAN 4920 Independent Studies

Independent Studies

Pre-requisites: Departmental approval.

credit hours: 3

SPAN 6000 Independent Studies

Independent Studies

Pre-requisites: 4000-level sequence and departmental approval.

credit hours: 3

SPAN 6010 Methods of Teaching Spanish and Portuguese

Methods of Teaching Spanish and Portuguese

A general survey of applied linguistics, teaching and testing methodology, and language laboratory use.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6020 Research Methods and Bibliography

Research Methods and Bibliography

A basic undergraduate introduction to the theory and praxis of writing term papers, Senior theses, or longer research projects according to the norms of the Modern Language Association Style Sheet. Emphasis on bibliographical documentation, methods of citation and annotated bibliographies. The course also includes a panoramic introduction to contemporary literary theory and methods of literary analysis (neo-positivism, formalism, phenomenology, reception theory, psychoanalytic criticism, feminism, Marxism, post-colonialism, cultural studies).

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6060 Bilingualism in the Hispanic World

Bilingualism in the Hispanic World

This course is to teach students about the sociology of language from specific cases of language content and bilingualism in the Spanish-speaking world. Student learn about Spanish in many varied social settings, as well as about first and second language acquisition; language maintenance, shift, and death; code switching; speech production and processing; and bilingual education and language policy.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6080 Special Topics in Applied Linguistics

Special Topics in Applied Linguistics

The purpose of this course is to assist future teachers interested in second language learning and teaching, both in terms of theoretical issues and practical implications. Subject varies every semester.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6090 Indigenous Peoples of the Colonial New World

Indigenous Peoples of the Colonial New World

This course satisfies the pre-twentieth-century requirement. An examination of early colonial writings that memorialized and debated the status of American peoples and cultures. Ethnographic accounts of European and Creole authors are read together with indigenous testimonies, with focus on topics such as: noble savagery, the debates on the just causes for military conquest, European perceptions of indigenous languages and religious practices, and the confrontation between oral tradition and written culture.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6100 Literary Theory

Literary Theory

An introduction to modern theories of literary analysis. Readings consist of primary texts in the schools of thought to be studied, which may include formalism, stylistics, semiotics, reader-oriented approaches, structuralism, deconstruction, feminism, poststructuralism, queer theory, and postcolonial studies.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6110 Foundations of Colonial Spanish American Literature (1492-1830)

Foundations of Colonial Spanish American Literature (1492-1830)

Examination of literary, historical, and legal texts written in Spanish America, from 1492, the year of Columbus' arrival to the New World, to 1830, the beginning of the independence period. The origin and development of the field of colonial literary studies also considered. Visual texts and films to complement Spanish readings.

Pre-requisites: 4000-level sequence; satisfies pre-twentieth-century requirement.

credit hours: 3

SPAN 6140 The Literature of Central America

The Literature of Central America

Representative literary figures of the six Central American countries, including Darío, Asturias, Cardenal, Alegría, and Cuadra.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6150 The Literature of the Spanish Caribbean

The Literature of the Spanish Caribbean

With emphasis on the nineteenth and twentieth-centuries, the course traces the literary development of the Spanish Antilles (Cuba, Dominican Republic, Puerto Rico) through the works of Heredia, Hostos, Villaverde, Martí, Avellaneda, Palés Matos, Guillén, Bosch, Marqués, Carpentier, Lezama Lima, Cabrera Infante, Sarduy, L. R. Sánchez, and Ferré, among others.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6170 Modernism in Spanish American Literature

Modernism in Spanish American Literature

Study of the modernist movement through the works of Martí, Gutiérrez Nájera, Casal, Silva, Darío, Rodó, Agustini and others.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6180 Contemporary Spanish American Short Story

Contemporary Spanish American Short Story

A study of the contemporary short story of Spanish America with emphasis on major authors such as Borges, Cortázar, Onetti, Rulfo, Carpentier, García Márquez, Silvina Ocampo and others.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6190 Avant-Garde Movements in Latin America

Avant-Garde Movements in Latin America

This course surveys the avant-garde movements in Spanish America and Brazil, focusing on the period from 1916 to 1935. Some of the movements to be examined include Huidobro's creacionismo, ultraismo, Brazilian modernismo and verdeamarelismo, Mexican estridentismo and the Contemporáneos group and the impact in Latin America of surrealism and other European avant-garde movements. Readings in both Spanish and Portuguese, and the class is taught in both languages, but fluency in both languages is not expected.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6200 Recent Spanish American Novel

Recent Spanish American Novel

A study of the major achievements and experiments in the contemporary Spanish American novel.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6210 The Essay in Spanish America

The Essay in Spanish America

A panoramic view of the essay in Spanish America. The leading authors (Bello, Sarmiento, Hostos, Martí, Rodó, Mariátegui, Borges, Castellanos, Ferré, Paz and others) are studied with emphasis on their contributions to the genre.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6220 Chronicles and Epics of Spanish Conquest

Chronicles and Epics of Spanish Conquest

This course examines the ways in which the discovery and conquest of America were narrated, with special focus on the relationship between early modern historiography, legal traditions, and rhetorical standards and practices. Chronicles and epics of the Spanish colonial era are evaluated in relation to Renaissance humanism and philosophy, Spanish colonial language policy and linguistic theory, the status of the Americas and Native Americans in natural and moral history, and debates concerning the justice of imperial conquest and governance.

Pre-requisites: 4000-level sequence; satisfies pre-twentieth-century requirement.

credit hours: 3

SPAN 6230 El Barroco de Indias

El Barroco de Indias

Assessment of the Baroque in Spain's American viceroyalties during the seventeenth and eighteenth centuries in its relation to contemporary European literary practices, political culture, and religious values. Readings of works by Europeans (Góngora, Quevedo, Calderón de la Barca, Gracián) as well as Americans of European descent (Balbuena, Sor Juana Inés de la Cruz, Espinosa Medrano, Peralta Barnuevo). Also considered are modern re-interpretations of the place of the Baroque in Spanish America's cultural tradition (Picón Salas, Lezama Lima, Paz, Sarduy).

Pre-requisites: 4000-level sequence

credit hours: 3

SPAN 6250 La Ilustración: Spanish Literature of the 18th Century

La Ilustración: Spanish Literature of the 18th Century

This course satisfies the pre-twentieth-century requirement. This course examines Spanish literature of the 18th century. There is special emphasis on the attempts of the Ilustrados to direct and regulate cultural production and the popular resistance to such attempts.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6260 Spanish Novel of the 19th Century

Spanish Novel of the 19th Century

This course satisfies the pre-twentieth-century requirement. The development of the novel in the

nineteenth-century, its different forms and literary trends: romanticism, realism, naturalism. Special attention is paid to Fernán Caballero, Alarcón, Valera, Palacio Valdés, Pereda, Galdós, Pardo Bazán, Alas, Blasco Ibáñez.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6270 Spanish Romanticism

Spanish Romanticism

This course satisfies the pre-twentieth-century requirement. This course examines Spanish romanticism in the context of European trends. Special attention is given to the economic and political upheavals of the early nineteenth-century and the connection of these to the privileging of the individual subject.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6330 Spanish Prose of the Golden Age

Spanish Prose of the Golden Age

This course satisfies the pre-twentieth-century requirement. Lectures and discussions of Lazarillo de Tormes, Cervantes's Novelas ejemplares, selections from Guzmán de Alfarache by Mateo Alemán, El Buscón and Los Sueños of Quevedo, and the novels of María de Zayas as well as the writings of Santa Teresa and Gracián.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6410 Don Quijote

Don Quijote

This course satisfies the pre-twentieth-century requirement. Discussions of Don Quijote in its entirety in the context of the intellectual and cultural tendencies of the Siglo de Oro and modern critical approaches.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6430 Drama of the Golden Age

Drama of the Golden Age

This course satisfies the pre-twentieth-century requirement. Discussions of the plays of Lope de Vega, Calderón de la Barca, Tirso de Molina, Ruiz de Alarcón and other dramatists in the context of modern critical studies.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6440 Poetry of the Golden Age

Poetry of the Golden Age

This course satisfies the pre-twentieth-century requirement. Discussions of the pivotal movements represented by the poetry of Boscán, Garcilaso, Luis de León, Santa Teresa, San Juan de la Cruz, Lope de Vega, Góngora, and Quevedo.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6450 Spanish American Theatre

Spanish American Theatre

Main tendencies of the contemporary Spanish American theatre with emphasis upon such writers as Usigli, Marqués, Solórzano, Buenaventura, Arrufat, Piñera, Garro, and Chocrón.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6460 Contemporary Spanish American Poets

Contemporary Spanish American Poets

The poetry in Latin America after modernismo. Special attention in each semester the course is offered is given to the work of four or five poets selected from among Vallejo, Huidobro, Agustini, Storni, Borges, Neruda, Parra, Paz, Guillén, Mistral, Cardenal and Lezama Lima.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6510 History of the Spanish Language

History of the Spanish Language

This course satisfies the pre-twentieth-century requirement. Evolution of Castilian from Roman times through the Middle Ages with consideration of internal change and outside influences.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6520 Mexican Literature

Mexican Literature

Study of the various tendencies of Mexican literature from the colonial period to the present.

Special attention is given to representative authors such as Balbuena, Sor Juana, Fernández de Lizardi, Gutiérrez Nájera, Azuela, Rulfo, Fuentes, Paz, Garro and others.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6530 Literature of the Andean Countries

Literature of the Andean Countries

Representative works from Peru, Bolivia, Ecuador, Colombia and Venezuela, with special emphasis on the twentieth-century. Study of such authors as the Inca Garcilaso, Guaman Poma, Isaacs, Matto de Turner, González Prada, Mariátegui, Arguedas, Vallejo, Gallegos, Vargas Llosa, García Márquez, Teresa de la Parra.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6540 Literature of the Southern Cone

Literature of the Southern Cone

Survey of the literature of Argentina, Uruguay, Paraguay, and Chile from romanticism to the present. Study of such authors as Sarmiento, José Hernández, Blest Gana, Güiraldes, Quiroga, Huidobro, Mistral, Neruda, Borges, Bombal, Felisberto Hernández, Silvina Ocampo, Roa Bastos, Donoso, Parra, Eltit.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6570 Spanish Poetry and Poetics, 1900-1939

Spanish Poetry and Poetics, 1900-1939

Examines the evolution of early twentieth-century Spanish poetry, then-current theories of poetry, and accompanying attitudes in literary criticism, especially canon formation.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6610 Spanish Novel, Theory, and Criticism, 1900-1939

Spanish Novel, Theory, and Criticism, 1900-1939

Examines the evolution of the novel in the early part of the twentieth-century, with attention given to its relationship to philosophical and literary critical writing.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6650 Modernism and Spain

Modernism and Spain

Examines Spanish participation in Modernism, the international literary movement of the early twentieth-century.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6670 The Spanish Novel from Post-War to Post-Franco

The Spanish Novel from Post-War to Post-Franco

This course studies developments in the novel in Spain from the 1940s to the present. Special attention is given to the national context during this time, including the experience of dictatorship, transition, and democracy, as well as to the way in which the Spanish novel has interfaced with trends in Europe and the Americas; theoretical selections from formalism to post-structuralism are also discussed.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6680 Spectacle and Popular Culture in Spain Since 1939

Spectacle and Popular Culture in Spain Since 1939

This course examines the significance of diverse forms of spectacle and popular culture, principally theatre and film but discussion of phenomena such as the novela rosa, comic books, or the bolero may also be included, within the changing context of Spain since the Civil War. The role of these media in the formation of a national subject is foregrounded, as are related theoretical issues such as high culture/low culture and modernism/postmodernism.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6690 Spanish Poetry and Poetics Since 1939

Spanish Poetry and Poetics Since 1939

This course examines Spanish poetry published from the Civil War to the present. While working to situate Spanish poetry within a larger European and American context, the course also considers and critiques the attempts by critics and creative writers to theorize a poetical practice and construct a literary history and canon.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6710 Contemporary Fiction in Spanish America and Brazil

Contemporary Fiction in Spanish America and Brazil

A comparison of the contemporary fiction of Spanish America and Brazil. Topics vary, but may include: the short story; race, gender and nationalism; the regionalist novel; experimental fiction;

fiction and popular culture. Among the selected authors are Julio Cortázar, Guimarães Rosa, Fonseca, Borges, Clarice Lispector, Rulfo, Donoso, Icaza, Ramos, Rivera. Reading competence in Spanish and Portuguese to be established by previous course work or judgment of instructor.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6720 19th-Century Spanish American Literature

19th-Century Spanish American Literature

This course satisfies the pre-twentieth-century requirement. A study of the literature of the emerging nations in Spanish America, with special attention to new genres such as the anti-slavery novel, gauchesque poetry, and the indigenist novel. Authors include Bolívar, Bello, Gómez de Avellaneda, Manzano, Sarmiento, Hernández, Isaacs, Galván, and Matto de Turner.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6730 Women Writers in Spain

Women Writers in Spain

This course covers literature by women authors from the Middle Ages through the twentieth-century. Examination of the poetic, prose, dramatic, and cinematic works by women in Spain from a theoretical perspective that considers how the writers studied, communicate their experiences as women and authors in various historical, political, social, and artistic contexts.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6740 Women Writers of Latin America

Women Writers of Latin America

A literary analysis of prose, poetry, and theatre by Latin American women tracing the development of intellectual thought in various Latin American societies. Cinematic works included. Special attention to the evolution of gender roles in conjunction with the development of a race, class, and ethnic consciousness as reflected in the literature of women. Authors include: Sor Juana, Gómez de Avellaneda, Matto de Turner, Storni, Agustini, Parra, Castellanos, Ferré, Allende, Eltit, Poniatowska.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6750 Borges

Borges

Study of the poetry, prose fiction, and essayistic works of Jorge Luis Borges, in addition to an introduction to the vast secondary bibliography on the author.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6760 Border Studies

Border Studies

Explores contemporary border theory from an historical perspective in the context of the Americas. Examines postmodern/postcolonial notions of racial and cultural difference and otherness as they play out in nineteenth-century literature. Looks at border culture along the US-Mexican border as well as in other Latin American contexts.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6780 Latin American Cultural Studies

Latin American Cultural Studies

The course is an intensive survey of Latin American cultural studies. Topics to be studied include: interactions among popular, erudite, and mass cultures; debates on modernity and postmodernity; relations between alphabetic and non-alphabetic writing systems in colonial and post colonial contexts; emergence and development of Latin American concepts such as mestizaje, hybridity, transculturation, heterogeneity; relations between culture and the state; issues of class, race, and gender in the study of Latin American culture. Theorists to be studied include Néstor García Canclini, José Martín Barbero, Beatriz Sarlo, Nelly Richard, Roberto Schwarz, Silviano Santiago.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6790 Latin American Film and Visual Culture

Latin American Film and Visual Culture

A study of Latin American cinema and visual culture from a historical, theoretical, and cultural perspective. Possible topics include: national cinemas, genre, main historical movements in Latin American film, Third Cinema and armed struggle in Latin America, New Latin American cinemas, cinema and other visual arts, Latin American documentary.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6810 Reading Medieval Iberia

Reading Medieval Iberia

This course satisfies the pre-twentieth-century requirement. A study of the literatures and cultures of medieval Iberia through the fifteenth century, with a focus on topics that may include Andalusí poetry, love in the Libro de buen amor, or medieval manuscript culture.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6850 Senior Seminar

Senior Seminar

This course is a seminar on major authors of the Hispanic literary tradition from both Spain and Latin America. This course fulfills the Writing Intensive Requirement.

Notes: Open only to graduating seniors.

Pre-requisites: 4000-level sequence.

credit hours: 3

SPAN 6910 Special Topics

Special Topics

credit hours: 3

SPAN 6920 Special Topics

Special Topics

Pre-requisites: 4000-level sequence

credit hours: 3

SPAN 7910 Graduate Seminar: Topics in Peninsular Literature

Graduate Seminar: Topics in Peninsular Literature

Notes: Open to Graduate Students ONLY

credit hours: 3

SPAN 7920 Graduate Seminar: Topics in Spanish American Literature

Graduate Seminar: Topics in Spanish American Literature

Notes: Open to Graduate Students ONLY

credit hours: 3

SPAN 7960 Ph.D Prep and Prof. Development

Ph.D Prep and Prof. Development

This seminar prepares students for the Ph.D. exam and dissertation prospectus. It is designed both as a workshop in academic research and writing and as a forum for examining the nature of our discipline and issues related to professionalization for academic careers.

Notes: Open to Graduate Students ONLY

credit hours: 3

SPAN 9980 Master's Research

Master's Research

credit hours: 0

SPAN 9990 Dissertation Research

Dissertation Research

credit hours: 0

SPAN H4990 Honors Thesis

Honors Thesis

Pre-requisites: Requires approval of department and Honors Committee.

credit hours: 3

SPAN H5000 Honors Thesis

Honors Thesis

Pre-requisites: Requires approval of department and Honors Committee.

credit hours: 3

ARST 1050 Beginning Drawing

Beginning Drawing

For majors and non-majors. In this course we will be working from life. The goal is to acquire and develop conceptual and technical skills necessary to translate three dimensional forms to a two dimensional surface.

credit hours: 3

ARST 1060 Beginning Drawing

Beginning Drawing

This course further explores the primary elements of drawing: line, form, value, and texture as a means of perception, understanding, representation, and communication. Emphasis will be placed on creating a correspondence between subject, method, and intent.

Pre-requisites: ARST 1050.

credit hours: 3

ARST 1130 Foundations of Art: Ceramics

Foundations of Art: Ceramics

This course focuses on design elements and principles of organization within the context of contemporary ceramic art. Students will be introduced to a variety of ceramic materials, processes and aesthetic concerns. Emphasis is given to the relationships between ceramics and other art mediums.

credit hours: 3

ARST 1170 Foundations of Art: Glass

Foundations of Art: Glass

This course focuses on the history and theory of glass art, and also introduces basic techniques with attention given to issues of composition, perception, communication, and expression. Emphasis also will be placed on the relationships between glass art, other art mediums, and the history of art.

credit hours: 3

ARST 1250 Foundations of Art: Painting

Foundations of Art: Painting

An introduction to color and color theory in painting. Since color constitutes a major means of expressive communication in the visual arts, the painting projects encourage personal responsiveness to color and explore how it enriches our understanding of the natural world.

credit hours: 3

ARST 1350 Foundations of Art: Photography

Foundations of Art: Photography

This course focuses on the history and theory of photography, and also introduces basic techniques, with attention given to issues of composition, perception, communication, and expression. Emphasis also is placed on the relationships between photography, other art mediums, and the history of art.

credit hours: 3

ARST 1370 Foundations of Art: Printmaking

Foundations of Art: Printmaking

This course is designed as an introduction to a wide range of techniques in printmaking. It is developed to give the student an overview of the possibilities with the processes of relief and intaglio printing. Through a series of demonstrations, projects, critiques, and slide lectures the student will explore the rich diversity of the medium and become exposed to the strong tradition of printmaking. Areas covered include: linoleum cuts, woodcuts, collagraph, mono type, dry point, engraving, and etching.

credit hours: 3

ARST 1490 Foundations of Art: Sculpture

Foundations of Art: Sculpture

An introductory study of three-dimensional form and spatial relationships making use of a variety of media and processes. Slide lectures supplement studio work and present examples of contemporary sculpture within a historical context.

credit hours: 3

ARST 1550 Foundations of Art: Digital Arts I

Foundations of Art: Digital Arts I

This course introduces students to different aspects of design in the digital realm from digital imaging to time-based media. Visual skills, critical voice and basic computer skills are necessary for this class.

credit hours: 3

ARST 2050 Intermediate Drawing: Color

Intermediate Drawing: Color

Incorporating color theory and experimentation, the course will explore the expressive and conceptual potential of color use in drawing media.

Pre-requistites: ARST 1050 and 1060.

credit hours: 3

ARST 2070 Descriptive Drawing

Descriptive Drawing

An exploration of drawing in both an historical and contemporary context as a means of perception, analysis, representation, and communication. Coursework investigates the relationships of the subject to technique and the visual to conceptual. Emphasis is placed on providing a systematic analysis of each subject through the use of multiple approaches.

Pre-requistites: ARST 1050 and 1060.

credit hours: 3

ARST 2080 Life Drawing

Life Drawing

A study of the anatomy and structure of the human form with a view toward understanding and employing the human image in its historical, humanistic function as a vehicle of expression.

Pre-requistites: ARST 1050 and 1060.

credit hours: 3

ARST 2130 Intermediate Ceramics

Intermediate Ceramics

The course focuses on the use of the potter's wheel in developing ceramic forms. A variety of techniques and forms will be covered with emphasis on their aesthetic and conceptual potential in the field of ceramic art. Historical and contemporary approaches are presented in slide lectures and demonstration.

Pre-requistites: ARST 1130.

credit hours: 3

ARST 2140 Intermediate Ceramics

Intermediate Ceramics

The course focuses on hand working processes with plaster molds and use of extruded elements in the development of original works. Press molding and slip casting will be covered. Students participate in developing clays, glazes and firing procedures.

Pre-requistites: ARST 1130.

credit hours: 3

ARST 2150 Intermediate Ceramics: Contemporary Ceramic Sculpture

Intermediate Ceramics: Contemporary Ceramic Sculpture

This course introduces students to issues and formats in contemporary ceramic sculpture.

Students will develop original works in clay within the formats of wall platters, figurative sculpture and site specific installations. The course will make use of skills developed in ARST 1130 with

some new construction, glazing and firing processes introduced, and students sharing responsibility for clay making and firing of the finished pieces. The development and articulation of original ideas will be emphasized through and studio work time, demonstrations, discussions, slide lectures and critiques.

Pre-requisites: ARST 1130 or equivalent.

credit hours: 3

ARST 2170 Intermediate Glass

Intermediate Glass

The goal of this class is to achieve a functional understanding of glass art. This general course focuses on blowing, casting, and forming glass. Attention is given to using the approaches to glass for individual expression.

Pre-requisites: ARST 1170.

credit hours: 3

ARST 2180 Intermediate Glass

Intermediate Glass

The goal of this class is to achieve a functional understanding of glass art. This general course focuses on blowing, casting, and forming glass. Attention is given to using the approaches to glass for individual expression.

Pre-requisites: ARST 1170.

credit hours: 3

ARST 2270 Intermediate Painting

Intermediate Painting

This course focuses on the formal and expressive qualities of both nature-based and pure abstraction. Abstraction is investigated through historic and contemporary ideologies, technical issues and the use of nontraditional materials. Systematic exploration of a variety of approaches will serve as a structure for development of the student's own goals and sensibility.

Pre-requisites: ARST 1250.

credit hours: 3

ARST 2280 Intermediate Painting

Intermediate Painting

An exploration of basic visual and philosophical concepts involved in creating paintings with an introduction to the technical aspects of painting in oils, i.e., preparing a canvas, media, and mixing and applying paint.

Pre-requisites: ARST 1250.

credit hours: 3

ARST 2350 Intermediate Photography

Intermediate Photography

continuation of traditional photographic procedures exploring more complex visual and technical issues, augmented by the employment of supplementary imaging tools and alternative processes.

Pre-requisites: ARST 1350.

credit hours: 3

ARST 2370 Intermediate Printmaking

Intermediate Printmaking

An in-depth exploration of the printmaking medium covering technical, historical, and conceptual issues. A strong emphasis is placed on students developing a personal voice through their work. An intensive study in the art of stone and plate lithography.

Pre-requisites: ARST 1370 or two courses in drawing.

credit hours: 3

ARST 2380 Intermediate Printmaking

Intermediate Printmaking

An in-depth exploration of the printmaking medium covering technical, historical, and conceptual issues. A strong emphasis is placed on students developing a personal voice through their work. An intensive study on fine art silk screen.

Pre-requisites: ARST 1370 or two courses in drawing.

credit hours: 3

ARST 2490 Intermediate Sculpture

Intermediate Sculpture

This course explores and expands on the basic concepts, techniques, and processes of sculpture. Students work with projects that develop understanding of both sculptural ideas and materials. A wide variety of media and approaches are explored in this course, including wood, plaster, welding and casting metals, mixed media, and working from the figure.

Pre-requisites: ARST 1490.

credit hours: 3

ARST 2500 Intermediate Sculpture

Intermediate Sculpture

This course explores and expands on the basic concepts, techniques, and processes of sculpture. Students work with projects that develop understanding of both sculptural ideas and materials. A wide variety of media and approaches are explored in this course, including wood, plaster, welding and casting metals, mixed media, and working from the figure.

Pre-requisites: ARST 1490.

credit hours: 3

ARST 2550 Digital Arts II

Digital Arts II

This course emphasizes interactivity and interface design with respect to multimedia and the World Wide Web. Students will create interactive based projects that combine visual and textual elements in creative, critical and innovative ways. Questions of navigation, functionality, usability, and interaction will be technically and theoretically addressed.

credit hours: 3

ARST 3010 Special Courses

Special Courses

Coursework for additional credit in conjunction with 2000- or 3000-level studio courses.

Pre-requisites: Approval of instructor.

credit hours: 3

ARST 3130 Advanced Ceramics

Advanced Ceramics

Further examination of the aesthetic and conceptual applications of the ceramic medium. The development of individual concerns and vocabulary of form will be stressed. Clay and glaze

formulation will be covered. Students are responsible for developing clays and glazes and firing their work.

Pre-requisites: ARST 2130.

credit hours: 3

ARST 3140 Advanced Ceramics

Advanced Ceramics

Development of advanced throwing techniques and concepts related to creating original works on the potter's wheel. More complex forms, as well as glazing and firing processes will be covered. Lectures, demonstration and critiques will supplement studio work time.

Pre-requisites: ARST 2130 or 2140.

credit hours: 3

ARST 3150 Ceramic Firing Technology: Theory and Practice

Ceramic Firing Technology: Theory and Practice

Gas, wood, and electric kiln design, and construction. Firing theory and process will precede specific analysis of the artist's needs, and demonstration and practice of kiln construction and firing.

credit hours: 3

ARST 3170 Advanced Glass

Advanced Glass

This class further develops the student's ability to study methods and processes for forming molten glass into sculpture. Instruction in glass casting and blowing are taught with a focus on creating specific ideas.

Pre-requisites: ARST 2170 and 2180.

credit hours: 3

ARST 3180 Advanced Glass

Advanced Glass

This class further develops the student's ability to study methods and processes for forming molten glass into sculpture. Instruction in glass casting and blowing are taught with a focus on creating specific ideas.

Pre-requisites: ARST 2170 and 2180.

credit hours: 3

ARST 3250 Advanced Painting

Advanced Painting

Principles of picture building and creative composition with a study of media and methods that best stimulate individual expression and predilections.

Pre-requisites: ARST 2270 and 2280.

credit hours: 3

ARST 3260 Advanced Painting

Advanced Painting

Principles of picture building and creative composition with a study of media and methods that best stimulate individual expression and predilections.

Pre-requisites: ARST 2270 and 2280.

credit hours: 3

ARST 3350 Advanced Photography: Chemical Processes

Advanced Photography: Chemical Processes

Emphasis will be placed on advanced exposure and developing controls and printing techniques. Non-traditional and non-conventional image-making processes will be explored, such as multiple printing, tinting, toning, non-silver techniques, and the Sabattier effect. The use of medium and large-format equipment will be introduced, as will advanced studio lighting techniques.

Pre-requisites: ARST 2350.

credit hours: 3

ARST 3360 Advanced Photography: Digital Processes

Advanced Photography: Digital Processes

Building on a foundation of traditional photography, students will be involved with digital imaging as another tool in the process of fine art photographic printmaking. Digital capturing, editing, and outputting will be explored.

Pre-requisites: ARST 2350.

credit hours: 3

ARST 3370 Advanced Printmaking

Advanced Printmaking

A detailed study of the variety of printmaking methods, exploring conceptual and/or personal visions. A strong emphasis is placed on combining techniques, expanding material vocabulary, and experimenting with new processes. Seminars covering both historical and contemporary issues of printmaking will be presented to broaden the student's critical dialogue.

Pre-requisites: ARST 2370 and 2380.

credit hours: 3

ARST 3380 Advanced Printmaking

Advanced Printmaking

A detailed study of the variety of printmaking methods, exploring conceptual and/or personal visions. A strong emphasis is placed on combining techniques, expanding material vocabulary, and experimenting with new processes. Seminars covering both historical and contemporary issues of printmaking will be presented to broaden the student's critical dialogue.

Pre-requisites: ARST 2370 and 2380.

credit hours: 3

ARST 3400 Printmaking - The Art of the Book

Printmaking - The Art of the Book

This Course is an in-depth exploration into the Art of the Book and Book Arts. The course will incorporate various binding techniques with conceptual and formal projects. A History of Book Arts will be presented as well as examples of popular trends in hand made books. Instruction will be given on setting type and using the letterpress. Also covered will be page design, page flow, and digital development of images and text. Readings will accompany slide lectures and demonstrations.

credit hours: 3

ARST 3490 Advanced Sculpture

Advanced Sculpture

Further exploration of metals fabrication and casting, carving techniques, additive processes, and

environmental art. Seminars, field trips, and slide lectures will supplement the course.

Pre-requisites: ARST 2490 and 2500.

credit hours: 3

ARST 3500 Advanced Sculpture

Advanced Sculpture

Further exploration of metals fabrication and casting, carving techniques, additive processes, and environmental art. Seminars, field trips, and slide lectures will supplement the course.

Pre-requisites: ARST 2490 and 2500.

credit hours: 3

ARST 3550 Time-Based Media

Time-Based Media

This is a class with an emphasis on digital video, animation and image sequencing. Students will be expected to create time-based projects that combine visual and temporal elements in creative, critical and innovative ways.

credit hours: 3

ARST 3560 Print-Based Media

Print-Based Media

This is a class with an emphasis on book design, multi-page documents, and large scale print graphics. Students will be expected to create print-based projects that combine visual and typographic elements in creative, critical, and innovative ways.

Pre-requisites: ARST 2550.

credit hours: 3

ARST 3650 Mural Painting and Drawing

Mural Painting and Drawing

credit hours: 3

ARST 3900 Studio Internships

Studio Internships

Studio internships are available for individual projects done in association with various firms and institutions in New Orleans. Students will work under professional supervision at these sites, and consult with an art studio faculty member. Requirements include a written report on the experience, and an evaluation by the supervisor.

Notes: For elective credit only.

Pre-requisites: Approval of instructor.

credit hours: 3

ARST 4130 Studio Ceramics

Studio Ceramics

Advanced level work for ceramics majors, emphasizing individual expression and development of ideas. Independent project work within a class situation.

Pre-requisites: ARST 3130 and 3140.

credit hours: 3

ARST 4140 Studio Ceramics

Studio Ceramics

Advanced level work for ceramics majors, emphasizing individual expression and development

of ideas. Independent project work within a class situation.

Pre-requisites: ARST 3130 and 3140.

credit hours: 3

ARST 4170 Studio Glass

Studio Glass

Continuing instruction in glass casting and forming techniques. The emphasis will be on professional presentation of specific ideas.

Pre-requisites: ARST 3170 and 3180.

credit hours: 3

ARST 4180 Studio Glass

Studio Glass

Continuing instruction in glass casting and forming techniques. The emphasis will be on professional presentation of specific ideas.

Pre-requisites: ARST 3170 and 3180.

credit hours: 3

ARST 4250 Studio Painting

Studio Painting

Advanced work for majors.

Pre-requisites: ARST 3250 and 3260.

credit hours: 3

ARST 4260 Studio Painting

Studio Painting

Advanced work for majors.

Pre-requisites: ARST 3250 and 3260.

credit hours: 3

ARST 4350 Studio Photography

Studio Photography

Individual projects in a class situation. Each student explores special interests with the opportunity of working with other advanced students doing diverse projects arrived at in consultation with faculty.

Pre-requisites: ARST 3350 and 3360.

credit hours: 3

ARST 4360 Studio Photography

Studio Photography

Individual projects in a class situation. Each student explores special interests with the opportunity of working with other advanced students doing diverse projects arrived at in consultation with faculty.

Pre-requisites: ARST 3350 and 3360.

credit hours: 3

ARST 4370 Studio Printmaking

Studio Printmaking

Personal exploration into the expansive world of printmaking. Emphasis is placed on personal growth and development both on the conceptual and technical level. The course consists of

individual and group projects in a class setting.

Pre-requisites: ARST 3370 and 3380.

credit hours: 3

ARST 4380 Studio Printmaking

Studio Printmaking

Personal exploration into the expansive world of printmaking. Emphasis is placed on personal growth and development both on the conceptual and technical level. The course consists of individual and group projects in a class setting.

Pre-requisites: ARST 3370 and 3380.

credit hours: 3

ARST 4490 Studio Sculpture

Studio Sculpture

Individual exploration within a cooperative format. Attention given to the development of personal style with seminars supplementing studio research.

Pre-requisites: ARST 3490 and 3500.

credit hours: 3

ARST 4500 Studio Sculpture

Studio Sculpture

Individual exploration within a cooperative format. Attention given to the development of personal style with seminars supplementing studio research.

Pre-requisites: ARST 3490 and 3500.

credit hours: 3

ARST 4910 Independent Studies

Independent Studies

Open to especially qualified juniors and seniors with approval of instructor and chair of department.

credit hours: 3

ARST 4920 Independent Studies

Independent Studies

Open to especially qualified juniors and seniors with approval of instructor and chair of department.

credit hours: 1-3

ARST 4930 Senior Capstone Experience

Senior Capstone Experience

This course constitutes a capstone experience for senior B.A. students in Studio Art. The course will culminate in an exhibition of the students' work in the B.A. Exhibition in the Carroll Gallery which the students will design, install, promote, and document. The course will also cover contemporary art criticism, assisting students in understanding their work in the broader context of contemporary art. Students will visit and critique professional exhibitions, develop the ability to present their own work in a slide presentation and a digital portfolio, and study other professional art practices, resources, and opportunities.

credit hours: 3

ARST 5010 Major Project

Major Project

Notes: Required of each candidate for the B.F.A. degree.

credit hours: 3

ARST 5020 Major Project

Major Project

Notes: Required of each candidate for the B.F.A. degree.

credit hours: 3

ARST 6010 Special Advanced Courses

Special Advanced Courses

Pre-requistites: Approval of instructor.

credit hours: 1-3

ARST 6020 Special Advanced Courses

Special Advanced Courses

Pre-requistites: Approval of instructor.

credit hours: 3

ARST 7400 Special Problems

Special Problems

credit hours: 3-6

ARST 7410 Special Problems II

Special Problems II

credit hours: 3-6

ARST 7420 Special Problems II

Special Problems II

credit hours: 3-6

ARST 7430 Photography

Photography

credit hours: 3-6

ARST 7450 Photography

Photography

credit hours: 3-6

ARST 7800 MFA Seminar

MFA Seminar

credit hours: 3

ARST 9980 Master's Research

Master's Research

credit hours: 0

ARST H4990 Honors Project

Honors Project

Students propose studio thesis projects at the end of the junior year. Projects are reviewed by an honors committee at the end of the fall semester of the senior year and a recommendation is

made on whether to continue. Finished thesis projects are evaluated by the honors committee on a pass or fail basis.

credit hours: 3

ARST H5000 Honors Project

Honors Project

Students propose studio thesis projects at the end of the junior year. Projects are reviewed by an honors committee at the end of the fall semester of the senior year and a recommendation is made on whether to continue. Finished thesis projects are evaluated by the honors committee on a pass or fail basis.

credit hours: 3

EVST 2890 Service Learning

Service Learning

credit hours: 3

EVST 3030 Literature and the Environment

Literature and the Environment

credit hours: 3

EVST 3040 Survey of Environmental Health Sciences

Survey of Environmental Health Sciences

credit hours: 3

EVST 3050 Environmental Performance

Environmental Performance

credit hours: 3

EVST 3100 Urban Geography

Urban Geography

credit hours: 3

EVST 3140 Primate Ecology and Behavior

Primate Ecology and Behavior

credit hours: 3

EVST 3180 Plants and Human Affairs

Plants and Human Affairs

credit hours: 3

EVST 3300 Natural Landscapes and Built Form

Natural Landscapes and Built Form

credit hours: 3

EVST 3330 Environment and Natural Resources

Environment and Natural Resources

credit hours: 3

EVST 3340 Humanity's Place in Nature

Humanity's Place in Nature

credit hours: 3

EVST 3510 Environmental Communication

Environmental Communication

credit hours: 3

EVST 3550 Archaeology of Cultural Landscapes

Archaeology of Cultural Landscapes

credit hours: 3

EVST 3560 Environmental Archaeology

Environmental Archaeology

credit hours: 3

EVST 3570 Mississippi River Colloquium

Mississippi River Colloquium

credit hours: 3

EVST 3600 Forestry and Public Policy

Forestry and Public Policy

credit hours: 3

EVST 3670 Sustainable Cultures and Communities

Sustainable Cultures and Communities

credit hours: 3

EVST 3700 Environmental Anthropology

Environmental Anthropology

Critically reviews case studies of ecosystemic and energetic relations between human populations, cultures, and the environment in diverse ethnographic settings of the world, such as Amazonia, the Great Basin, New Guinea, and Southeast Asia. Examines the historical emergence of ecological paradigms in anthropology. Compares the modern contributions of cultural ecology, evolutionary ecology, ethnoecology, and historical ecology. Evaluates potential contributions of ecological anthropology to general ecology.

credit hours: 3

EVST 3710 Historical Ecology of Amazonia

Historical Ecology of Amazonia

credit hours: 3

EVST 3720 Infrastructure of Sustainable Urban Environments

Infrastructure of Sustainable Urban Environments

credit hours: 3

EVST 3880 Writing Practicum

Writing Practicum

credit hours: 3

EVST 3890 Service Learning

Service Learning

credit hours: 1

EVST 3910 Special Topics in Distribution and Conservation of Living Things

Special Topics in Distribution and Conservation of Living Things

credit hours: 3

[EVST 3920 Special Topics in Landscapes and Seascapes Through Time](#)

Special Topics in Landscapes and Seascapes Through Time

credit hours: 3

[EVST 3930 Special Topics in Problems in Problems, Potentialities of Built Environments](#)

Special Topics in Problems in Problems, Potentialities of Built Environments

credit hours: 3

[EVST 3950 Special Topics in Environmental Thought, Practice, and Policy](#)

Special Topics in Environmental Thought, Practice, and Policy

credit hours: 3

[EVST 3960 Special Topics in Civic Engagement and Local Environments](#)

Special Topics in Civic Engagement and Local Environments

credit hours: 3

[EVST 3970 Environmental Analysis Lab](#)

Environmental Analysis Lab

credit hours: 3

[EVST 4010 Environmental and Social Justice in Greater New Orleans: From the Classroom to the Community](#)

Environmental and Social Justice in Greater New Orleans: From the Classroom to the Community

Examination of theoretical and conceptual frameworks for analyzing issues of environmental and social justice in the US and New Orleans through a combination of classroom instruction, guest speakers/practitioner demonstrations, applied field instruction, and professional development activities.

Notes: Tier III Elective in SLAMM

credit hours: 3

[EVST 4040 General Ecology](#)

General Ecology

credit hours: 3

[EVST 4110 Tropical Ecology](#)

Tropical Ecology

credit hours: 3

[EVST 4190 Wetlands Ecology](#)

Wetlands Ecology

credit hours: 3

[EVST 4210 Seminar in Historical Ecology](#)

Seminar in Historical Ecology

credit hours: 3

[EVST 4230 Environmental Politics](#)

Environmental Politics

credit hours: 3

EVST 4270 Population Ecology

Population Ecology

credit hours: 3

EVST 4560 Environmental Internship

Environmental Internship

credit hours: 1-3

EVST 4570 Environmental Internship

Environmental Internship

credit hours: 1-3

EVST 4620 Global Environmental Politics

Global Environmental Politics

credit hours: 3

EVST 4650 Senior Colloquium in Environmental Studies

Senior Colloquium in Environmental Studies

Notes: This is a required course.

credit hours: 3

EVST 4880 Writing Practicum

Writing Practicum

credit hours: 1

EVST 4890 Service Learning

Service Learning

credit hours: 3

EVST 4910 Independent Studies

Independent Studies

credit hours: 1-3

EVST 4990 Honors Thesis

Honors Thesis

credit hours: 3

EVST 5000 Honors Thesis

Honors Thesis

credit hours: 4

THEA 1010 Plays and Playwrights

Plays and Playwrights

An introduction to the literature of theatre from the Greeks to the present with emphasis on the script in performance.

Notes: Does not count toward the major.

credit hours: 3

THEA 1020 Theatre in Contemporary Society

Theatre in Contemporary Society

This course surveys the history of theatre and develops an appreciation for and enjoyment of the performing arts. It also develops an appreciation for artists who bring the playwright's pages to life and considers the contribution of the audience.

credit hours: 3

THEA 1090 Voice and Speech I

Voice and Speech I

Development of relaxation habits, physical alignment, breath control and release, tone production, and articulation.

credit hours: 3

THEA 2010 Performance I

Performance I

A structured and at times spontaneous exploration of space, time, shape, sound, scenario, motion, and expenditure of energy to the end of attracting and holding the attention of the audience.

Notes: Students may not receive credit for both DANC 1510 and DANC 2010/THEA 2010.

credit hours: 3

THEA 2020 Performance II

Performance II

A structured and at times spontaneous exploration of space, time, shape, sound, scenario, motion, and expenditure of energy to the end of attracting and holding the attention of the audience.

Notes: Students may not receive credit for both DANC 1510 and DANC 2010/THEA 2010.

credit hours: 3

THEA 2090 Voice II

Voice II

Development of relaxation habits, physical alignment, breath control and release, tone production, and articulation with emphasis on corrective tutorial work.

credit hours: 3

THEA 2100 Fundamentals of Acting

Fundamentals of Acting

Class and workshop sessions in developing fundamental skills in the art and craft of acting as a creative process.

credit hours: 3

THEA 2990 Performance Practicum

Performance Practicum

Course is open to students cast in roles of Department Productions.

Pre-requisites: Permission of Production's Director required.

credit hours: 3

THEA 3010 Intermediate Acting

Intermediate Acting

Continuing development of acting skills focused primarily on work within the text. (Scenes,

monologues, two other texts related exercises).

Pre-requisites: THEA 2010.

credit hours: 3

THEA 3030 Suzuki Method of Acting

Suzuki Method of Acting

Internationally renowned theatre director Tadashi Suzuki developed the well-established Suzuki Acting Method. Technically speaking, the method consists of training to learn to speak powerfully and with clear articulation, and is also used to enhance the expressiveness of the whole body. It is thus that actors can learn the best way to exist on the stage. The goal is therefore to make it possible for actors to develop their ability of physical expression and also to nourish a tenacity of concentration. The class activities include a series of exercises involving the physical center of the body in motion off center/on center within a consistent level of energy. This training is a vocabulary necessary to materialize the theatre and requires assimilation of the vocabulary by the actor as a second instinct. These techniques should be studied, mastered, until they serve as an operational hypothesis

Notes: so that the actors may truly feel themselves fictional" on stage. For actors to realize the images they themselves pursue

Pre-requisites: they will have to develop at least this basic physical sensibility. May be repeated for a total of 4 credits."

Co-requisites: Maybe taken 4 times for credit.

credit hours: 1

THEA 3090 Stage Speech I

Stage Speech I

Corrective work on individual regional speech habits, articulation, and phrasing.

credit hours: 3

THEA 3210 Directing I

Directing I

A theoretic and applied study of the basic elements of directing, including script analysis, blocking, composition, dramatic focus, and actor coaching. Staged scenes using outside actors make up a major part of the course activities.

Pre-requisites: THEA 2010 and approval of instructor.

credit hours: 3

THEA 3220 Directing II

Directing II

Advanced studies in the principles and practice of directing. Course activities involve scene study and staging with special emphasis given to advanced techniques in composition, working with actors, and design collaboration.

Pre-requisites: THEA 3210 and approval of instructor.

credit hours: 4

THEA 3230 Playwriting I: Finding Your Voice

Playwriting I: Finding Your Voice

The majority of exercises and discussions throughout this class will focus on finding your voice of expression. This can only be done by jumpstarting your writing. With that in mind, this class will throw you almost immediately into the act of habitually writing by insisting upon regular

journaling, assigning a consistent stream of exercises that involve more radical theatrical approaches, and the creation of a monologue and ten-minute play.

credit hours: 3

THEA 3240 Playwriting II: The Long Good One Act

Playwriting II: The Long Good One Act

By the end of this semester you will have completed a 20 to 30-page one act.

credit hours: 3

THEA 3311 Scene Shop Practicum

Scene Shop Practicum

Course is open with credit to all students of the University and is designed to provide the student with practical production experience in the area of set construction and scene painting.

credit hours: 1

THEA 3312 Costume Shop Practicum

Costume Shop Practicum

Course is open with credit to all students of the University and is designed to provide the student with practical production experience in the area of costume construction.

credit hours: 1

THEA 3313 Running Crew Practicum

Running Crew Practicum

Course is open with credit to all students of the University and is designed to provide the student with practical production experience in the area of backstage running crew in areas of sets, props, costumes, lighting, or sound.

credit hours: 1

THEA 3314 Box Office Practicum

Box Office Practicum

Course is open with credit to all students of the University and is designed to provide the student with practical production experience in the area of box office, selling tickets, ushering, etc.

credit hours: 1

THEA 3315 Acting Practicum

Acting Practicum

Course is open to majors performing in department productions wishing to receive credit for the performance work. Note this does not count toward the 4 required Practicum credits.

credit hours: 1

THEA 3340 Theatre Production and Design I

Theatre Production and Design I

An integrated introduction to the disciplines of scenic, costume, and lighting design coupled with the practical considerations of construction and execution of the design process. First of two semester course with Theatre 3350.

Notes: One year sequence required of all theatre majors.

Co-requisites: THEA 3311 or 3312.

credit hours: 3

THEA 3350 Theatre Production and Design II

Theatre Production and Design II

A continued exploration of the disciplines of scenic, costume, and lighting design coupled with the practical considerations of construction and execution of the design process. A finished final presentation will be required. Second semester in the sequence of Theatre Production and Design.

Notes: One year sequence required of all theatre majors.

Pre-requisites: THEA 3340.

Co-requisites: THEA 3311 or 3312.

credit hours: 3

THEA 3410 History of Costume

History of Costume

An illustrated history of dress and society from the ancient Greeks to the present. Assignments emphasizing interpretation of costume research for the stage.

Notes: Laboratory required.

credit hours: 3

THEA 3510 Rehearsal Techniques for Actors and Directors

Rehearsal Techniques for Actors and Directors

Exploration of the interaction between actor and director during scene study with emphasis on developing the analytic and rehearsal techniques fundamental to the production process.

credit hours: 3

THEA 3610 Basic Makeup

Basic Makeup

The purpose of this class is to develop basic skills in the design and application of stage makeup. The work completed in this class has the objective of providing a background in the subject that is expected of the professional performer.

credit hours: 1

THEA 3710 Shakespeare on the Road

Shakespeare on the Road

Students in this course will create, rehearse, and perform a piece of theatre that demonstrates Shakespeare's style and modern-day relevance. This piece will tour to middle and high schools in the New Orleans area. This course is also designed to fulfill a 1st or 2nd tier Service Learning requirement. May be repeated once.

credit hours: 3

THEA 3750 From Community to Stage

From Community to Stage

This course introduces students to the story circle methodology as formulated by the Free Southern Theater and Junebug Productions. Students also learn the history of the Free Southern Theater and the Black Arts Movement in the South. Collaboration with local artists will result in the production of an original theatrical performance at the end of the semester.

credit hours: 3

THEA 3810 Fashion Design Fundamentals

Fashion Design Fundamentals

This course explores the student's creativity and imaginative thinking by carrying out small fashion design projects and developing a personal style. No special skills are required and all

class materials will be provided.

credit hours: 3

THEA 3910 Special Topics

Special Topics

Specialty courses for undergraduates in performance techniques, projects, and theatre related subjects as designed by visiting or permanent theatre faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

THEA 3920 Special Topics

Special Topics

Specialty courses for undergraduates in performance techniques, projects, and theatre related subjects as designed by visiting or permanent theatre faculty. For description, consult the department.

Notes: For specific offering, see the Schedule of Classes.

credit hours: 3

THEA 4010 Advanced Acting

Advanced Acting

Continuing development of acting skills focused primarily on characterization, the use of subtext and imagery for the actor.

Pre-requisites: THEA 2010 and THEA 3010.

credit hours: 3

THEA 4090 Stage Speech II

Stage Speech II

Corrective work on individual regional speech habits, articulation, and phrasing with added emphasis on the speaking of verse material.

credit hours: 3

THEA 4210 Documentary Theatre

Documentary Theatre

The purpose of this course is to examine the nature of documentary or "verbatim" theatre.

Students will investigate the following issues: What is the nature of the documentary material?

What is the basis for selection? What is the organizing principle? What is the theatrical idiom?

Who is the intended audience or community? What is the social or political purpose of the piece?

Students will explore a topic or theme relevant to the New Orleans community. The class will gather source material (archival research, interviews, etc.) and generate an original script, which will be used to create a final project – performance. This course will count towards a mandatory 20-hour service learning that fulfills the 2nd tier Public Service Graduation Requirement. All students should be enrolled in the mandatory service learning co-requisite.

credit hours: 3

THEA 4320 Movement Stories

Movement Stories

An interdisciplinary studio course that examines creation of and communication of stories through movement and theatre approaches with emphasis on creativity and invention.

credit hours: 3

THEA 4475 Exploring Shakespeare Through Performance

Exploring Shakespeare Through Performance

Exploration of Shakespeare's work through performance using the summer Shakespeare Festival as a catalyst. May be repeated once with different context.

credit hours: 3

THEA 4560 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing. Registration is completed in the academic department sponsoring the internship. Only one internship may be completed per semester.

Notes: A maximum of three credits may be earned in one or two courses. May also count as Capstone experience.

Pre-requisites: Approval of instructor and department.

credit hours: 1-3

THEA 4570 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing. Registration is completed in the academic department sponsoring the internship. Only one internship may be completed per semester.

Notes: A maximum of three credits may be earned in one or two courses. May also count as Capstone experience.

Pre-requisites: Approval of instructor and department.

credit hours: 1-3

THEA 4710 Foundations of Western Theatre (3)

Foundations of Western Theatre (3)

A course in the history and dramatic literature of theatrical production and performance in the Western Tradition (mostly) from the Greek classical period through the 18th Century.

credit hours: 3

THEA 4720 Modern British & European Theatre

Modern British & European Theatre

"A course in the history and dramatic literature of theatrical production and performance in Britain and Europe (mostly) from the rise of Romanticism in the 18th century to the present."

credit hours: 3

THEA 4730 U. S. Theatre History

U. S. Theatre History

"A course in the history and dramatic literature of theatrical production and performance in the United States (mostly) from Colonial drama to the present."

credit hours: 3

THEA 4790 Readings in Theatre History (Independent Study)

Readings in Theatre History (Independent Study)

This Independent Study is used when a transfer/study abroad course covers some, but not all, of the content in a required theatre history course.

credit hours: 1-2

THEA 4880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

THEA 4900 Theatre History Seminar

Theatre History Seminar

In this course students will undertake in-depth research on a topic of contemporary relevance to the discipline of theater. A complete description will be available the semester it is taught by the respective professor.

Pre-requisites: Approval of instructor.

credit hours: 3

THEA 4910 Independent Studies

Independent Studies

May count as Capstone Experience. If chosen as a Capstone Experience (coupled with THEA 5110), the project must have sufficient depth to meet the criteria for such an undertaking. No matter what topic chosen, the project must demonstrate that the student has a thorough understanding of their field of theatre studies and apply it to this project.

Pre-requisites: Approval of instructor.

credit hours: 1-3

THEA 4920 Independent Studies

Independent Studies

May count as Capstone Experience. If chosen as a Capstone Experience (coupled with THEA 5110), the project must have sufficient depth to meet the criteria for such an undertaking. No matter what topic chosen, the project must demonstrate that the student has a thorough understanding of their field of theatre studies and apply it to this project.

Pre-requisites: Approval of instructor.

credit hours: 1-3

THEA 4970 Filmmaker and Actor Workshop

Filmmaker and Actor Workshop

A workshop specifically intended for filmmakers and actors to develop and prepare a short script for production.

credit hours: 3

THEA 5110 Capstone

Capstone

This number is used in conjunction with another Capstone course when the student has the option of taking more than one Capstone eligible class.

credit hours: 0

THEA 5550 Advanced Digital Filmmaking I

Advanced Digital Filmmaking I

Professional, high quality narrative film preproduction practices are analyzed and implemented in this course. Writing the script, selecting the cast, choosing locations, budgeting, financing, art directing, and breaking the script down for scheduling the capstone film will be completed. The

prerequisite for this course is THEA 2080-Video Production II. This course is the prerequisite for THEA5560-Advanced Digital Filmmaking II. At the completion of this two-semester course each student will participate in a public screening of his or her film.

Pre-requistites: THEA 2080-Video Production II; permission of instructor.

credit hours: 3

THEA 5560 Advanced Digital Filmmaking II

Advanced Digital Filmmaking II

In this capstone experience, each student will produce, direct, promote and complete postproduction of the short narrative film he or she pre-produced in Advanced Digital Filmmaking I, the prerequisite class. Crew organization, responsibilities for narrative synch-sound shooting, the management of the set and the shooting day, and script supervision will be analyzed and implemented. Editing, color correction, sound design and scoring will encompass the post production phase. At the completion of this two-semester course, each student will participate in a public screening of his or her film.

Pre-requistites: THEA 5550-Advanced Digital Filmmaking I

credit hours: 3

THEA 6010 Approaches to the Style and Genre of Acting

Approaches to the Style and Genre of Acting

Investigation and work with theatrical styles and genres in acting.

Pre-requistites: Approval of instructor.

credit hours: 3

THEA 6020 Special Topics in Acting

Special Topics in Acting

One or more topics will be covered each semester, e.g., Acting Shakespeare.

Pre-requistites: Approval of instructor.

credit hours: 3

THEA 6110 Acting for Other Media

Acting for Other Media

This course is designed to train the acting student in techniques that are required for successful performance in film, television, and radio. Students will explore the differences between acting for the stage and for the mechanical" media and will be assigned scenes and copy to perform on camera and on microphone."

Pre-requistites: THEA 2010, and approval of instructor.

credit hours: 3

THEA 6120 Advanced Scene Study II

Advanced Scene Study II

credit hours: 3

THEA 6130 Ensemble Production

Ensemble Production

Development of the ensemble in relation to specific genres and playwrights culminating in a public performance.

Pre-requistites: THEA 2010.

credit hours: 3

THEA 6140 Ensemble Production

Ensemble Production

Development of the ensemble in relation to specific genres and playwrights culminating in a public performance.

Pre-requisites: THEA 2010.

credit hours: 3

THEA 6220 Advanced Makeup

Advanced Makeup

This studio style course explores the different types of theatrical makeup and it uses in different venues. The students are provided with supervised time in class to develop application skills both on themselves and using live models as well as thinking critically about an application.

credit hours: 3

THEA 6230 Special Effects

Special Effects

Introductory course designed to expose the student to the various types of special effects available, and their uses in the entertainment industry.

credit hours: 3

THEA 6310 Advanced Technical Problems

Advanced Technical Problems

A survey of the traditional methods of constructing and mounting scenery for theatre. A practical approach to planning technical production. Includes budgets for time and material, organization of shops and crews, and standards in drafting the production.

credit hours: 3

THEA 6320 Advanced Technical Production

Advanced Technical Production

A survey of the nontraditional methods of constructing and mounting scenery. Includes welding for the stage, an introduction to sound design, and stage furniture repair and refinishing. Laboratory in addition to lecture.

credit hours: 3

THEA 6330 Fundamentals of Lighting

Fundamentals of Lighting

A course in the art and craft of stage lighting. Basic electricity and color theory. Lighting instruments and their control. Practical experience in lighting the production. Laboratory in addition to lecture.

credit hours: 3

THEA 6340 Computer Technology for Lighting

Computer Technology for Lighting

Advanced problems in stage lighting. Structured approach to the development of lighting for the stage. Analysis of available lighting control options. Practical experience in preparation of light designs for production. Laboratory in addition to lecture.

credit hours: 3

THEA 6350 Theatrical Drafting and Model Making Techniques

Theatrical Drafting and Model Making Techniques

A course in basic drafting and model making techniques for first year graduate students. Foundation for Scenic Design CAD, Fundamentals of Lighting, Scene Design I, II, Technical Direction I, II, and Lighting Design , I, II.

Pre-requistites: THEA 3340, 3350. MFA/BFA students only.

credit hours: 3

THEA 6410 Design Fundamentals I

Design Fundamentals I

The development of scenic and costume designs from the modern viewpoint. Techniques of drawing, rendering, and perspective in relation to designers' presentation and portfolio.

Laboratory.

Pre-requistites: Approval of instructor.

credit hours: 3-4

THEA 6420 Design Fundamentals II

Design Fundamentals II

A continuation of THEA 6410. Equal emphasis on the designers' process and rendering techniques. Watercolor, pen and ink, scenic models.

Pre-requistites: THEA 6410.

credit hours: 3-4

THEA 6440 Rendering for Designers

Rendering for Designers

The development of the individual's graphic skills in regard to rendering for theatrical purposes. Stress will be placed on accurately representing designs on plates in a professional fashion and on the manipulation of different mediums.

credit hours: 3

THEA 6460 Advanced Costume Rendering

Advanced Costume Rendering

To improve drawing/costume rendering skills. A course to advance the costume design student's understanding of the human body and how it moves and behaves, thus enhancing the student's ability to communicate through costume design rendering; exploration of the anatomy of the body, including the skeletal and muscular system, how they interact and how they move; and exploration of how different fabrics behave on the body and how the body's movement is affected by clothing.

Pre-requistites: THEA 6440 and instructor approval; MFA/BFA students only.

credit hours: 3

THEA 6470 Design for Television

Design for Television

This course is designed to give the students the knowledge of preparing the production of television programs with emphasis on the producer's, the director's, and designer's responsibilities to the overall planning and execution of the program - both in the studio and in the field.

credit hours: 3

THEA 6480 Design for Puppetry

Design for Puppetry

This course is an introduction to puppet design concepts. An exploration of the specifics

associated with different puppet show genres.

credit hours: 3

THEA 6530 Period Styles for Designers I

Period Styles for Designers I

In-depth study of the styles of architecture, decor, furniture, and costume from antiquity through Elizabethan England, 1625. Research and design adaptation assignments.

credit hours: 3-4

THEA 6540 Period Styles for Designers II

Period Styles for Designers II

Further study in architecture, decor, furniture, and costume from Charles I through modern including Eastern cultures. Research and design adaptation assignments.

credit hours: 3

THEA 6550 Stage Management

Stage Management

Introduction to the multifaceted job of stage management.

credit hours: 3

THEA 6650 Graduate History of Theatre I

Graduate History of Theatre I

Graduate History of Theatre I is an intensive course in the conventions, physical conditions and techniques of theatrical production in the Western tradition from the Greek classical period through the 18th C. Emphasis will be placed on setting each period of theatre within the aesthetic traditions of Western Culture.

credit hours: 3

THEA 6700 Sound Technology

Sound Technology

Introductory level course designed to expose the student to the theories and technology of the professional audio world.

credit hours: 3

THEA 6710 Modern Drama From Ibsen to Brecht

Modern Drama From Ibsen to Brecht

Seminar on five modern European dramatists. Ibsen, Strindberg, Chekhov, Pirandello, Brecht.

credit hours: 3

THEA 6720 Seminar in Contemporary Drama

Seminar in Contemporary Drama

Analysis of principal trends in the contemporary European and American theatres.

credit hours: 3

THEA 6730 Dramaturgy

Dramaturgy

This course explores dramatic structure as a means of achieving successful storytelling and examines the role of the dramaturg in modern theatrical practice.

credit hours: 3

THEA 6750 Costume Construction

Costume Construction

This course is designed to teach the technical skills necessary to produce costumes for the stage. This includes hand and machine sewing, understanding garments, reading patterns, and finishing techniques.

credit hours: 3

THEA 6760 Costume Technology

Costume Technology

Concentrated introduction to the methods, tools, and techniques used in the construction of costumes for the theatre. Focus will be placed on standard shop equipment, fabrics, and general construction techniques.

credit hours: 3

THEA 6770 Costume Crafts I

Costume Crafts I

This course is designed to develop skills in the construction of theatrical crafts, specifically mask-making.

credit hours: 3

THEA 6780 Topics in Advanced Costume Technology

Topics in Advanced Costume Technology

(1) Advanced study in two primary pattern development techniques as well as with patterning software. Some time will be spent on dressmaker details and simple tailoring. (2) Men's and women's tailoring techniques. Focus will be placed on traditional methods of hand and machine tailoring as applied to theatrical attire. (3) Millinery. Focus will be placed on the primary construction methods for historic and/or contemporary hats: felt bodies and frames. Various types and styles of finishes and decoration will also be explored.

Pre-requistites: THEA 6760 or approval of instructor.

credit hours: 3

THEA 6790 Costume Crafts II

Costume Crafts II

This course is designed to develop skills in the construction of theatrical crafts, specifically millinery.

credit hours: 3

THEA 6800 Practical Applications

Practical Applications

A design lab where the students put theory into practice. The lab assignments will be tailored by the faculty to the individual student's needs. The objective is to provide actualized work experience in conjunction with faculty mentoring on design work productions.

Notes: May be repeated 4 times for credit.

credit hours: 1-3

THEA 6810 Theatrical Photography

Theatrical Photography

Basic photography and darkroom techniques designed specifically for theatre design students to document their work. Both black and white and color will be covered.

Pre-requistites: Approval of instructor.

credit hours: 3

THEA 6820 Scene Design CAD

Scene Design CAD

We will introduce and explore Computer Aided Design using primarily the Vector Works program with its practical applications to theatrical scene design.

Pre-requisites: THEA 3340, 3350, 6410, 6420.

credit hours: 3

THEA 6825 Advanced CAD

Advanced CAD

This class will cover advanced functions of the Vectorworks CAD software, such as 3D modeling and photo-realistic rendering techniques with lighting and textures, with emphasis on its practical applications to theatrical scene and lighting design. This is a continuation of the Scene Design CAD course.

Pre-requisites: THEA 6820

credit hours: 3

THEA 6830 Scene Painting

Scene Painting

This is a collaborative class based upon professional practices of scenic studios. We will examine the working relationship between the scenic designer and the scenic artist, and look at historical changes to the profession over the past 400 years. There will be extensive time spent drawing and painting and learning techniques to realize different faux finishes. This introductory class will culminate with a full sized color drop, with all in the class participating.

Pre-requisites: THEA 3430, 3440, 6410, 6420.

credit hours: 3

THEA 6850 Design for Dancers

Design for Dancers

Designed to expose the dancer/choreographer to the theories of lighting and sound design as it applies to dance.

credit hours: 3

THEA 6860 Advanced Costume Construction

Advanced Costume Construction

The course is designed to develop advanced skills in the construction of theatrical costumes. Students will create projects resulting in finished pieces worthy of inclusion in their portfolios. It will also develop an understanding of costume technology for both design and performance students as well as build a vocabulary to enhance the collaboration process.

Pre-requisites: THEA 6750.

credit hours: 3

THEA 6900 Portfolio Techniques

Portfolio Techniques

This course will prepare the student's portfolio, as well as the student, for the professional world. Stress placed upon plate layout, organization of materials, selection of pieces for inclusion, etc. Additionally, job search techniques and interview preparation will be explored.

Pre-requisites: Final academic year standing.

credit hours: 3

THEA 6910 Special Topics

Special Topics

Courses offered by visiting professors or permanent faculty. For specific offering, see the Schedule of Classes. For description, consult department.

credit hours: 3

THEA 6920 Special Topics

Special Topics

Courses offered by visiting professors or permanent faculty. For specific offering, see the Schedule of Classes. For description, consult department.

credit hours: 3

THEA 6980 Professional Development

Professional Development

This Capstone course is designed for graduating seniors with a Performance track emphasis to address the skills necessary for a successful professional career in theatre and the performing arts. Emphasis will be placed on creation of resumes, self-promotion, and audition materials, including how to book auditions, preparing for call-backs and cold readings, making contacts, writing cover letters, finding an agent, and unions, among other topics.

Notes: Capstone.

credit hours: 3

THEA 6990 B.F.A. Thesis Production

B.F.A. Thesis Production

Required for B.F.A. designers. Student's work in area of emphasis culminating in the design of a mainstage production. A written thesis is required.

Notes: Counts as Capstone Experience.

credit hours: 3

THEA 7210 Directing I

Directing I

credit hours: 3

THEA 7220 Directing II

Directing II

credit hours: 3

THEA 7230 Directing III

Directing III

credit hours: 3

THEA 7240 Directing IV

Directing IV

credit hours: 3

THEA 7410 Scene Design I

Scene Design I

credit hours: 3

THEA 7420 Costume Design I

Costume Design I

credit hours: 3

THEA 7510 Scene Design II

Scene Design II

credit hours: 3

THEA 7520 Costume Design II

Costume Design II

credit hours: 3

THEA 7610 Scene Design III

Scene Design III

credit hours: 3

THEA 7620 Costume Design III

Costume Design III

credit hours: 3

THEA 7710 Technical Directing II

Technical Directing II

credit hours: 3

THEA 7990 Thesis Production

Thesis Production

credit hours: 3

THEA 9980 Master's Research

Master's Research

credit hours: 0

THEA H4990 Honors Thesis

Honors Thesis

Notes: For qualified seniors. Counts as Capstone experience.

Pre-requisites: Approval of chair of department and Honors Committee.

credit hours: 3

THEA H5000 Honors Thesis

Honors Thesis

Notes: For qualified seniors. Counts as Capstone experience.

Pre-requisites: Approval of chair of department and Honors Committee.

credit hours: 3

THEA 4750 African-American Theatre History

African-American Theatre History

This course is a chronological examination of African-American theater history from 1821 to the present through the study of African-American plays, critical race theory, as well as political/social conditions in the United States. Upon completion of this course the student should be familiar with a cross-section of the major written works of African-American theater, have a more complete understanding of the intersection of American and African-American theatre histories. They should also know the position of African-American theater within the context of

major American theatrical movements.

credit hours: 3

THEA 6580 Producing

Producing

Introduction to the different elements of producing for the theatre, as well as television, new media, and cinema. Students receive an overview of the different elements of producing, from the initial steps of putting together script, talent, and the team (writer(s), director, actors, designers), through financing, and into marketing and the launch of a new production.

credit hours: 3

URST 2010 The City I

The City I

City I is the first semester of a two-semester-long survey introduction to the multi-disciplinary field of Urban Studies. Three broad substantive themes are explored: (1) History and Morphology of Cities and City Systems; (2) Urban Ecology and Demographics; and (3) Urban Design/ Aesthetics/ Land Use /Planning. Attention is given to historically, geographically, and culturally diverse cases in order to provide a comparative framework and backdrop to contemporary practices.

credit hours: 3

URST 2020 The City II

The City II

City II is the second semester of a two-semester-long survey introduction to the multi-disciplinary field of Urban Studies. Four broad substantive themes are examined: (1) Urban Political Economy; (2) the Social Psychology of Cities; (3) Urban Culture and Expressive Arts; and (4) Urbanism and Urban Issues. Course employs a modular focus and historical-comparative framework, but primary emphasis will be on the contemporary era.

credit hours: 3

URST 3010 Selected Topics in Urban Studies

Selected Topics in Urban Studies

Special topics course, content varies by semester.

credit hours: 3

URST 3100 Urban Geography

Urban Geography

Surveys discipline of geography with focus on how various traditions within the discipline analyze cities and other human communities as spatial environments. Students will learn the tools, techniques, and datasets geographers employ to investigate questions pertaining to the shape, form, origins, transformative processes, and interaction of the natural and built environments; how and why phenomena are distributed spatially and through time; the concept and perception of place and how we distinguish places from one another; and how present-day cityscapes reflect these concerns. Lectures will focus on New Orleans but be comparative and students will be required to apply these approaches to other cities and towns.

credit hours: 3

URST 3300 Urban Design Processes and Graphic Communication

Urban Design Processes and Graphic Communication

Urban Design Processes and Graphic Communication is intended to provide immersion into the

mind of the designer via lectures, readings, discussion and short lab based projects. The course is based on the premises that design is the organizing and conceiving of place, information and things; and that access to, and the manipulation of, graphic forms of information is an important precursor of the production of knowledge. For this reason the course is structured around key elements of the design process: 1) posing the question(s), 2) gathering information, 3) analysis and manipulation of information, 4) proposal, and 5) representation.

credit hours: 3

URST 3400 GIS - Practical Application in the Built Environment

GIS - Practical Application in the Built Environment

Geographic Information Systems (GIS) are widely used tools in the social, biological, and environmental sciences and in urban planning and design. This course provides a hands-on approach to solve problems and deepen geospatial awareness with a focus on modern urban space. End results are an ability to analyze and present geospatial data, knowledge of fundamentals of GIS, and basic skill in data acquisition and representation. Course provides a framework for functional application of GIS with a focus on local contemporary New Orleans data and issues.

credit hours: 3

URST 4560 Urban Studies Internship

Urban Studies Internship

Pre-requisites: Instructor and program approval required. Junior standing and completion of City I and City II typically required.

credit hours: 1-3

URST 4570 Urban Studies - Internship

Urban Studies - Internship

Pre-requisites: Instructor and program approval required. Junior standing and completion of City I and City II typically required.

credit hours: 1-3

URST 4910 Urban Studies Independent Study

Urban Studies Independent Study

Pre-requisites: Instructor and program approval required. Junior standing and completion of City I and City II typically required.

credit hours: 1-3

URST 6010 Advanced Topics in Urban Studies

Advanced Topics in Urban Studies

Advanced level special topics course, content varies by semester.

credit hours: 3

ASTV 1010 Beginning Vietnamese I

Beginning Vietnamese I

The study of grammar, vocabulary, phonetics, and diacritical marks necessary to read, write, and speak the Vietnamese language.

credit hours: 3

ASTV 1020 Beginning Vietnamese II

Beginning Vietnamese II

A continuation of the study of grammar, vocabulary, phonetics, and diacritical marks begun in ASTV 1010.

Pre-requisites: ASTV 1010 or equivalent.

credit hours: 3

ASTV 2010 Intermediate Vietnamese I

Intermediate Vietnamese I

An intensive grammar review with readings from Vietnamese texts and a development of conversational skills.

Pre-requisites: ASTV 1020 or placement.

credit hours: 3

ASTV 2030 Intermediate Vietnamese II

Intermediate Vietnamese II

A continuation of the objectives presented in Intermediate Vietnamese I. Attention to speaking, reading, and writing. Drills and daily dialogues. Students will become acquainted with the geography, economy, literature, history, and culture of Vietnam.

Pre-requisites: ASTV 2030 or placement.

credit hours: 3

YRBA 1010 Elementary Yoruba

Elementary Yoruba

This course provides an introduction to Standard Yoruba, the dialect form which is understood by speakers of Yoruba worldwide. Students will receive training and practice in speaking, listening, reading, and writing.

credit hours: 4

YRBA 1020 Elementary Yoruba II

Elementary Yoruba II

Elementary Yoruba II is a second level introductory course for beginners of Yoruba language.

This course is open to students who have taken and passed Yoruba I. In this course students will further develop the four language skills: listening, speaking, reading and writing.

Pre-requisites: Elementary Yoruba I (YRBA 1010) or instructor's permission.

credit hours: 4

YRBA 2030 Intermediate Yoruba

Intermediate Yoruba

This is a continuation of Elementary Yoruba I and II. It is an intermediate course designed to reinforce communicative skills in reading, conversation and composition.

Pre-requisites: Elementary Yoruba II (YRBA 1020) or instructor's permission.

credit hours: 4

School of Law Courses

[LAWU 1010 Race and Law](#)

Race and Law

The Law School offers one course for undergraduate students. This course addresses the legal history of race relations as well as issues of currency in the realm of race and law. The course will focus, though not exclusively, on the paradigmatic white/black dichotomy in American legal regimes.

credit hours: 3

Newcomb-Tulane College Courses

[COLQ 1020 Freshman Colloquium](#)

Freshman Colloquium

credit hours: 3

[COLQ 2030 Sophomore Colloquium](#)

Sophomore Colloquium

credit hours: 3

[COLQ 3050 Junior Colloquium](#)

Junior Colloquium

credit hours: 3

[COLQ 3880 Writing Practicum](#)

Writing Practicum

Notes: Fulfills the school intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 3

[COLQ 4120 The Grand Canyon Colloquium](#)

The Grand Canyon Colloquium

This course covers central aspects of the geology, biology, anthropology and history of the US Southwest, concentrating on the areas contiguous with the path of the Colorado River through what is today Northern Arizona. After a semester of classroom work, familiarizing the students with geography, geology, flora, fauna, peoples, cultures and histories of the region, the class will travel to Lee's Ferry and the float for seven days on Hatch River Expeditions rafts through a natural laboratory. Those students taking this course as a capstone in Environmental Studies will pay special attention to landforms and waterways, water law, the environmental and biological consequences of damming, and endangered species. Students taking this course for elective credit in Anthropology or Geology must write their term papers on a topic in their discipline.

credit hours: 3

[COLQ 4140 The Natural History of Mesoamerica](#)

The Natural History of Mesoamerica

Geologic history of Mesoamerica, archaeology of Mesoamerica, history of the conquest and colonial period, flora and economic botany of the region.

Notes: Lectures, readings, and a two-week, post-semester field trip to the region are required.

credit hours: 3

[COLQ 4210 Senior Colloquium](#)

Senior Colloquium

credit hours: 3

[COLQ 6010 The Andrew W. Mellon Professorship in Humanities](#)

The Andrew W. Mellon Professorship in Humanities

An interdisciplinary course offered by a scholar of notable achievements both in teaching and research in humanistic learning. This course is not assigned to any particular discipline but

spans the broad area of the humanities: classical, English, foreign languages and literatures, history, history of fine arts, and philosophy.

Notes: Ordinarily, appointments to the Mellon Professorship are for one semester. Enrollment open to juniors, seniors and graduate students.

credit hours: 3

COLQ 6020 The Andrew W. Mellon Professorship in Humanities

The Andrew W. Mellon Professorship in Humanities

An interdisciplinary course offered by a scholar of notable achievements both in teaching and research in humanistic learning. This course is not assigned to any particular discipline but spans the broad area of the humanities: classical, English, foreign languages and literatures, history, history of fine arts, and philosophy.

Notes: Ordinarily, appointments to the Mellon Professorship are for one semester. Enrollment open to juniors, seniors and graduate students.

credit hours: 3

COLQ H1010 Honors Freshman Colloquium

Honors Freshman Colloquium

credit hours: 3

COLQ H2010 Honors Sophomore Colloquium

Honors Sophomore Colloquium

A general colloquium built around some significant concept or problem which may be approached from many different points of view.

credit hours: 3

COLQ H3010 Science and Human Values

Science and Human Values

The prohibition against confusion of is and ought has not prevented scientific theories from impinging on sociopolitical and religious values. The purpose of this colloquium is to examine specific instances of the interaction of science and values in order to gain insights into various ways in which these interactions occur. What is science? What are values? Is the methodology of science relevant to the methodology of ethics? What is the role of theology in science and in ethics? Is science objective and are values subjective? Is science value-free? The emphasis is on the interaction of science and values, not on the history of science or on the growth of knowledge.

credit hours: 3

COLQ H3020 God(s) and Science

God(s) and Science

Is it not all over with belief in God? Has religion any future? Can we have morality without religion? Is not science sufficient? Has atheism not been proved and is nihilism not refutable? And, if God does exist, what kind of God is He? How has science changed theology? Is there any similarity between the two enterprises? Are there really different ways of knowing? What alternatives exist to replace the legacy of dualism? Are the god of philosophy, the god of history, and the god of nature and god of faith different gods?

credit hours: 3

COLQ H3030 Science and Religion

Science and Religion

Two great themes have shaped Western civilization during the last ten centuries: science and the Judeo-Christian tradition. The Enlightenment, by enthroning science, increasingly has rejected the Judeo-Christian tradition. But now science itself has come under attack. If those two principal cultural influences diminish, some alternative must be found to spawn a new ethos, or a new paradigmatic view relating science and religion is needed to give intelligibility to the relation of God, man, and nature. A dialogue has begun to emerge redefining and unifying the roles of theology and science. This seminar examines the current status of post-modern science and theology and probes alternative themes for the evolution of Western civilization under the influence of the present revolution by consciousness.- -

credit hours: 3

COLQ H3040 Honors Junior Colloquium

Honors Junior Colloquium

credit hours: 3

COLQ H4010 Humanities Colloquium

Humanities Colloquium

Built around some concept or problem which may be viewed from many different vantage points, thus relating the various disciplines within the humanities. Does not meet the college humanities distribution requirement.

credit hours: 3

COLQ H4020 Humanities Colloquium

Humanities Colloquium

Built around some concept or problem which may be viewed from many different vantage points, thus relating the various disciplines within the humanities. Does not meet the college humanities distribution requirement.

credit hours: 3

COLQ H4070 Student-Initiated Interdisciplinary Colloquium

Student-Initiated Interdisciplinary Colloquium

A student-initiated colloquium for juniors and seniors.

Notes: It is the students' obligation to find the director. More than one section may be approved.

Enrollment in each section is limited to 12.

credit hours: 3

COLQ H4200 Honors Senior Colloquium

Honors Senior Colloquium

credit hours: 3

EDLA 2000 Education in a Diverse Society

Education in a Diverse Society

Education in a Diverse Society is an introductory course for those preparing for certification to teach. The overarching goal is to catalyze and refine innate skills for developing social change in the context of the current educational systems locally, nationally, and internationally. This course examines the historical, philosophical, sociological, psychological, organizational, and socio-cultural bases of American education and the political influences as they relate to contemporary issues in education in the United States. It is designed to assist students in determining if they want to pursue teaching as a career and it helps prospective teachers to gain a valid and comprehensive knowledge of what is involved in a teaching career. Emphasis is placed upon

reflection, inquiry, and personal involvement in planning an effective and successful career in education.

Notes: Open to Early Childhood and Secondary students seeking certification. Required for MINOR IN TEACHING AND LEARNING

Co-requisites: EDLA 2890 or EDUC 3250.

credit hours: 3

EDLA 2890 Service Learning in Public Schools

Service Learning in Public Schools

This course provides opportunities for observation and participation for students who are exploring an interest in teacher certification. Students observe and participate in a variety of school and classroom settings, including urban, suburban, and inner-city schools for a total of twenty hours. Students meet for debriefing sessions during the semester and complete a final project. (Liberal Arts).

Notes: All undergrads must enroll in this service course. Required for MINOR IN TEACHING AND LEARNING.

Co-requisites: EDLA 2000. (Undergraduate education candidates must complete EDLA 2890-01 while post-graduate candidates must complete EDUC 3250

credit hours: 1

EDLA 3160 Children's and Adolescent Literature

Children's and Adolescent Literature

Children's & Adolescent Literature

This course is designed to provide prospective teachers with an overview of the field of children's literature with a focus on works appropriate for children and young adults. The history, philosophy, significant authors and texts, and major genres of children's literature will be explored.

Notes: Priority registration given to Early Childhood Teacher Certification students and PSYC-Early Childhood Education majors. Elective option for MINOR IN TEACHING AND LEARNING

Pre-requistites: EDLA 2000, EDLA 2890, or EDUC 3250.

credit hours: 3

EDUC 2010 Teaching Writing in the Early Childhood Classroom

Teaching Writing in the Early Childhood Classroom

This one-credit course focuses on the pedagogy and methods of teaching various genres of writing in PK-3 grade classrooms. In addition to learning the importance of the reading/writing connection, students will learn about effective traits of writing, how to analyze and respond to early childhood writing, and how to conduct writing workshops. The class will also explore new literacies and innovative ways to integrate technology in writing.

Notes: Open to students seeking Early Childhood Teacher Certification and PSYC-Early Childhood Education majors. This course can also be taken during yearlong residency.

Pre-requistites: EDLA 2000 and EDLA 2890 or EDUC 3250

credit hours: 1

EDUC 3000 Emergent Literacy

Emergent Literacy

Emergent Literacy provides an introduction to children's speech and language development,

appropriate methodologies for building the communication skills of young children, the overall scope of emergent literacy issues - with a heavy emphasis on phonemic awareness/phonics, and guided practice using children's books and appropriate technology for young readers in the classroom. Evidence-based reading research will form the foundation when studying effective strategies for teaching reading.

Notes: Open to students seeking Early Childhood Teacher Certification and PSYC-Early Childhood Education majors. Students must also register for the within course service learning component for 20-hours work in local schools. Students may choose EDUC 3000 or EDCU 3802 for MINOR IN TEACHING AND LEARNING.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250.

credit hours: 3

EDUC 3250 Focused Clinical Experience I

Focused Clinical Experience I

This course provides opportunities for classroom-based experience for postgraduate students who wish to pursue teacher certification and/or eligibility for the Practitioner License (type 2) PL2. Students will complete focused observations for a total of forty hours in an early childhood or secondary classroom, participate in online discussions, and complete two classroom diversity-focused reflections.

Notes: Post-graduate candidates who intend to earn a teaching certificate must complete this course.

Co-requisites: EDLA 2000. (Undergraduate education candidates must complete EDLA 2890-01 while post-graduate candidates must complete EDUC 3250

credit hours: 1

EDUC 3260 Focused Field Experience II

Focused Field Experience II

This course provides opportunities for classroom-based experience for postgraduate students who wish to pursue eligibility for the Practitioner License (type 2) PL2. Students will complete focused observations in an early childhood or secondary classroom, participate in online discussions, and complete two classroom management-focused reflections.

Notes: This course requires a minimum of forty hours of service for post-graduates. This course is REQUIRED for students who intend to earn a teaching certificate.

Co-requisites: EDUC 3410

credit hours: 1

EDUC 3400 Classroom Management, Instructional Design and Assessment

Classroom Management, Instructional Design and Assessment

This course examines (a) the research on classroom management and instructional design and their effects on student achievement, (b) specific research-based techniques and their applications in practice, and (c) approaches that integrate effective strategies for management, instruction and assessment. Students will examine theories of behavior management, strategies for organizing and maintaining an optimal learning environment, and the Understanding by Design Curriculum/Planning model will be introduced. Project requirements will emphasize grade levels and content field for which pre-service teachers are seeking certification.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250.

credit hours: 3

EDUC 3410 The Craft of Teaching: Developing Teacher Pedagogical Content Knowledge to Improve Classroom Instruction

The Craft of Teaching: Developing Teacher Pedagogical Content Knowledge to Improve Classroom Instruction

This course examines (a) the process by which students learn and teachers teach including the instructional design process of Understanding by Design (UbD) and effective teaching strategies; (b) the importance of assessment and student work analysis on the learning and teaching process. Teacher candidates will learn to plan lessons and units that are focused, organized, and develop student understanding of knowledge or skills. Candidates will learn to design assessments that provide feedback to students on their learning and to teachers on the impact of their teaching. Candidates will examine theories of behavior management and strategies for organizing and maintaining an optimal learning environment. Project requirements and readings will emphasize grade levels and content field for which pre-service teachers are seeking certification. The study begun in this course lays the foundation for understanding the learning and teaching process which later Methods classes will further develop.

Notes: Open to students seeking Early Childhood Teacher Certification, Secondary Teacher Certification and PSYC-Early Childhood Education majors. Students must also register for the Focused Field Experience component. Required for MINOR IN TEACHING AND LEARNING

Pre-requisites: EDLA 2000 and EDLA 2890 or EDUC 3250

Co-requisites: EDUC 3260

credit hours: 3

EDUC 3420 Critical Trends and Issues in Education

Critical Trends and Issues in Education

Critical Trends and Issues in Education is an inquiry-based capstone seminar, designed for the Teaching and Learning minor, which synthesizes political, theoretical, social, and practical topics in a modern context and addresses multicultural education, technology, and gender issues, among other topics and issues. In this course, students will grapple with issues facing education and educators today, such as demographics; changing perceptions and research in human development and learning, equity and social justice; global awareness and interdependence; nature and the environment; aesthetics and creative endeavors; and education in nontraditional settings. This seminar will provide opportunities for students to engage in wide-range reading, intensive writing, critical analysis, respectful debate and thoughtful discussion of topics related to education in the 21st century.

Notes: Required for MINOR IN TEACHING AND LEARNING

Pre-requisites: EDLA 2000, EDUC 2890-11, EDUC 3260, EDUC 3410, EDUC 3000 OR EDUC 3802

credit hours: 3

EDUC 3500 Methods I -- Early Childhood Education -- Language Arts and Social Studies

Methods I -- Early Childhood Education -- Language Arts and Social Studies

This course will assist prospective teachers in gaining a valid and comprehensive knowledge of what is involved in early childhood language arts, social studies, and arts instruction. Emphasis is placed upon reflection, inquiry, and personal involvement in planning an effective and successful career in early childhood, and developing an understanding of how children develop and learn successfully. Current trends, issues, developmental theories, research, and teaching methods related to the education of young children in language arts, social studies, and the arts will be explored and applied through fifty hours of field-based experiences. Undergraduate education students must also register for the within course service learning/practicum component

EDUC 3890-11.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3210, EDUC 3000, EDUC 3801 and 3810.

credit hours: 3

EDUC 3510 Teaching Science and Social Studies in Early Childhood Classrooms

Teaching Science and Social Studies in Early Childhood Classrooms

This course will prepare prospective teachers to teach science and social studies in the early childhood setting (preschool through 3rd grade). This course covers methods for teaching developmentally appropriate topics in science (earth space science, physical science, life science, and engineering/technology/ and social studies (civics, history, geography, and economics). Emphasis will be placed on developmentally appropriate instruction and active learning strategies, including the use of technology in instruction, and on performance-based assessment. Students work with manipulatives and technology to explore science and social studies, solve problems, and learn ways to teach this content to children. Students will also practice creating and refining age-appropriate unit and lesson plans based on Understanding by Design model (Wiggins & McTighe).

Notes: Students must also register for the within course service learning/practicum component EDUC 3892-01. This course is REQUIRED for students who intend to earn an Early Childhood Teaching Certificate and PSYC-Early Childhood Education majors. Completion or exemption for Praxis I and completion of Praxis II content exam prior to enrolling in this course is required.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, EDUC 3000, EDLA 3160, EDUC 3410, EDUC 3260, EDUC 3801

Co-requisites: EDUC 3892-01

credit hours: 3

EDUC 3610 Children's Dance Methods and Practicum (Grades 4-5)

Children's Dance Methods and Practicum (Grades 4-5)

This practicum course provides opportunities for dance candidates to acquire skills in teaching methodologies and strategies specific to dance education in grades 4-5. Course activities include observation and consultation with content field professor and field experience at school setting developing assessments and lesson plans along with teaching. This course requires 40 hours of field experience in the upper elementary grades (4-5) in addition to the 50 field experience hours in EDUC 3500 which occur in grades K-3.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, EDUC 3400, EDUC 3800 and 3820, DANC 2010 and DANC 2520 and level III modern dance proficiency

Co-requisites: EDUC 3500.

credit hours: 1

EDUC 3801 Methods of Early Childhood Reading Instruction

Methods of Early Childhood Reading Instruction

Methods of Early Childhood Reading Instruction This course addresses evidence-based approaches for the effective teaching of literacy. The five essential components of reading instruction, as identified by the National Reading Panel, of this class include: Phonemic awareness skills, phonics skills, reading fluency, vocabulary development, and comprehension strategies. Additionally, the concepts of reading and writing connections, assessment, and content area skills and strategies needed for reading to learn, thinking and written discourse are emphasized. This course includes a practicum placement in a school setting. The Education Candidate observes and learns to create rich literate environments which foster reading, writing,

speaking, listening and technological literacies through the integration of their foundation knowledge, use of instructional practices, approaches and methods, curriculum materials, and the appropriate use of assessment.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, EDUC 3400, and EDUC 3000.

Co-requisites: EDUC 3810 (ECE majors).

credit hours: 3

EDUC 3802 Methods of Secondary Reading Instruction

Methods of Secondary Reading Instruction

Methods of Secondary Reading Instruction This course addresses evidence-based reading research while studying the effective teaching of content area literacy. An emphasis will be placed on developing adaptations of well-known strategies in addressing disciplinary ways of thinking, reading, and writing in the content areas. Additionally, students will understand and be able to apply the disciplinary literacies associated with vocabulary and comprehension in a variety of disciplines by utilizing assessments and new literacies needed for Twenty-First Century content area instruction.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, and EDUC 3400 with PSYC 3200 strongly recommended.

Co-requisites: EDUC 3820 (SEC majors).

credit hours: 3

EDUC 3810 Practicum in Early Childhood Reading

Practicum in Early Childhood Reading

Practicum in Early Childhood Reading Under the supervision of a public-school teacher, certification candidates work with one student implementing the diagnostic and prescriptive strategies learned in class and with larger groups implementing large group instructional strategies. Students fulfill forty hours of clinical/laboratory experiences in a reading classroom (1st-3rd grade levels) in a supervised practicum. The clinical/field experience will enable students to apply the theoretical principles of academic course work to effective teaching practices.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, EDUC 3000, EDUC 3400.

Co-requisites: EDUC 3800.

credit hours: 1

EDUC 3820 Practicum in Secondary Reading

Practicum in Secondary Reading

Practicum in Secondary Reading Under the supervision of a public-school teacher, certification candidates work with one student implementing the diagnostic and prescriptive strategies learned in class and with larger groups implementing large group instructional strategies. Students fulfill forty hours of clinical/laboratory experiences in a secondary reading classroom in a supervised practicum. The clinical/field experience will enable students to apply the theoretical principles of academic course work to effective teaching practices.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250,

Co-requisites: EDUC 3802.

credit hours: 1

EDUC 3900 Methods II: Teaching Early Childhood Mathematics and Science

Methods II: Teaching Early Childhood Mathematics and Science

This course will prepare prospective teachers to teach science and mathematics in the early

childhood (ages three through eight) setting. Theories and methodologies will be explored. Special attention will be given to developmentally appropriate activities, and a great emphasis will be placed on integrating subject matter and utilizing manipulatives. Technology issues will also be covered.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3210, EDUC 3000, EDLA 3160, EDUC 3400, EDUC 3800 and 3810, and EDUC 3500.

Co-requisites: EDUC 3910.

credit hours: 3

EDUC 3910 Practicum and Assessment Early Childhood Math and Science

Practicum and Assessment Early Childhood Math and Science

This practicum experience requires minimum of 50 hours in math and/or science classrooms. It is designed to prepare teachers to conduct reliable and valid assessments of children's growth and development in the early childhood arena. Practice in refining age-appropriate unit and lesson plans based on the UbD model is also provided. Special attention is given to performance-based assessments, particularly in the context of instruction that is developmentally appropriate.

Co-requisites: EDUC 390.

credit hours: 1

EDUC 3911 Teaching Mathematics in Early Childhood Classrooms

Teaching Mathematics in Early Childhood Classrooms

This course will prepare prospective teachers to teach mathematics in the early childhood setting (preschool through 3rd grade). This course covers both mathematical content and methods for teaching developmentally appropriate topics in arithmetic, geometry, algebra, probability and statistics, and measurement, data collection and analysis. Emphasis will be placed on developmentally appropriate instruction and active learning strategies, including the use of technology in instruction, and on performance-based assessment. Students work with manipulatives and technology to explore mathematics, solve problems, and learn ways to teach mathematics content to children. Course includes practice in creating and refining age appropriate unit and lesson plans based on Understanding by Design model (Wiggins & McTighe).

Notes: This course is REQUIRED for students who intend to earn an Early Childhood Teaching Certificate and PSYC-Early Childhood Education majors. Students must also register for the within course service learning/practicum component EDUC 3890-11. Completion or exemption for Praxis I and completion of Praxis II content exam prior to enrolling in this course is required.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, EDUC 3000, EDLA 3160, EDUC 3410, EDUC 3260, EDUC 3801, EDUC 3510

Co-requisites: EDUC 3890-11

credit hours: 3

EDUC 5010 Secondary Education Methods I

Secondary Education Methods I

Secondary Education Methods I This course focuses on prominent methodological issues and the development of core teaching skills. Students will analyze different instructional methods; design comprehensive unit and lesson plans using the Understanding by Design model; develop integrated technology strategies and develop skills in differentiated instruction. Emphasis is placed on development of skills of self-analysis, reflection, and research-based decision-making. Students will interpret, refine, and demonstrate their understanding and mastery of general teaching practices through forty hours of field experience in a middle or high school setting. The

course is designed to be very practicum-oriented; therefore, it is organized to provide time for one-on-one conferences in which the professor will advise on upcoming lessons and give detailed feedback on classroom observations. The regular class sessions are designed to be experiential, in which students will learn and participate in specific lessons and activities to use for classroom teaching, employing a variety of materials.

Notes: Education undergraduates must also register for the within course service learning/practicum component EDUC 5890-10.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, EDUC 3400, PSYC 3200, EDUC 3800 and 3820, Completion/Exemption for Praxis I.

credit hours: 3

EDUC 5090 Secondary Methods of Teaching II: Social Studies Methods

Secondary Methods of Teaching II: Social Studies Methods

Social Studies Methods A seminar and practicum course providing opportunities for secondary teacher candidates to acquire skills in teaching methodologies and strategies specific to secondary social studies instruction. Topics include organization of subject matter, weekly and unit lesson planning, development of assessments, utilizing information technology for instruction, and working with diverse populations of students. Course activities include professional development workshops, teaching in a secondary classroom, discussion/reflections, demonstration of effective use of standards documents, inquiry activities, and a review of effective pedagogical and school improvement literature.

Notes: Education undergraduates must also register for the within course service learning/practicum component EDUC 5890-01.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3200, PSYC 3390, EDUC 3400, 3800, 3820, and 5010.

credit hours: 3

EDUC 5100 Secondary Methods of Teaching II: Science Methods

Secondary Methods of Teaching II: Science Methods

Science Methods A seminar and practicum course providing opportunities for secondary teacher candidates to acquire skills in teaching methodologies and strategies specific to the science content area in which they are seeking certification. Topics include organization of subject matter, weekly and unit lesson planning using the Understanding by Design model, development of assessments, utilizing information technology for instruction, and working with diverse populations of students. Course activities include teaching in a field-site classroom, discussion/reflections, and demonstration of effective use of standards documents, inquiry activities and a review of effective pedagogical literature. A total of 40 clock hours of field experiences are required in the classroom setting. TWO professional development experiences are also required.

Notes: Education undergraduates must also register for the within course service learning/practicum component EDUC 5890-02.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3200, PSYC

credit hours: 3

EDUC 5110 Secondary Methods of Teaching II: English Methods

Secondary Methods of Teaching II: English Methods

In this seminar and practicum course, candidates will study the various components of the English Language Arts curriculum along with a broad range of research-based instructional strategies, key theories and debates in the field of English education. Topics include strategies

for integrating all language arts into the curriculum, lesson planning based on the Understanding by Design (UbD) model, and development of effective assessments. Students will learn how to utilize information technology for instruction, how to align curriculum with state and national literacy standards, and how to integrate strategies for working with diverse populations of students. Course activities include observations in secondary (6-12) English classrooms, development of lesson plans, teaching in a field-site classroom, discussion/reflections, inquiry activities, and a review of effective pedagogical literature. A total of 40 clock hours of field experiences and two professional development experiences are required.

Notes: Education undergraduates must also register for the within course service learning/practicum component 5890-03.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3200, PSYC 3390, EDUC 3400, 3800, 3820, and 5010.

credit hours: 3

EDUC 5120 Secondary Methods of Teaching II: Math Methods

Secondary Methods of Teaching II: Math Methods

A seminar and practicum course providing opportunities for secondary teacher candidates to acquire skills in teaching methodologies and strategies specific to the math content area in which they are seeking certification. Topics include organization of subject matter, weekly and unit lesson planning using the Understanding by Design model, development of assessments, utilizing information technology for instruction, and working with diverse populations of students. Course activities include teaching in a field-site classroom, discussion/reflections, and demonstration of effective use of standards documents, inquiry activities and a review of effective pedagogical literature. A total of 40 clock hours of field experiences are required in the classroom setting. TWO professional development experiences are also required.

Notes: Education undergraduates must also register for the within course service learning/practicum component EDUC 5890-04.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3200, PSYC 3390, EDUC 3400, 3800, 3820, and 5010.

credit hours: 3

EDUC 5130 Secondary Methods of Teaching II: Foreign Language Methods

Secondary Methods of Teaching II: Foreign Language Methods

A seminar and practicum course providing opportunities for secondary teacher candidates to acquire skills in teaching methodologies and strategies specific to foreign language instruction (Latin, French, Spanish, Italian, or German). Topics include lesson planning based on the Understanding by Design (UbD) model, and development of effective assessments, utilizing information technology for instruction, and working with diverse populations of students. Course activities include observations in secondary (6-12) foreign language classrooms, development of lesson plans, teaching in a field-site classroom, discussion/reflections, inquiry activities, and a review of effective pedagogical literature. A total of 40 clock hours of field experiences and two professional development experiences are required.

Notes: Education undergraduates must also register for the within course service learning/practicum component EDUC 5890-05.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3200, PSYC 3390, EDUC 3400, 3800, 3820, and 5010.

credit hours: 3

EDUC 5140 Secondary Methods of Teaching II: Dance Methods

Secondary Methods of Teaching II: Dance Methods

A seminar and practicum course providing opportunities for secondary teacher candidates to acquire skills in teaching methodologies and strategies specific to dance instruction. Topics include organization of subject matter, weekly and unit lesson planning, development of assessments, utilizing information technology for instruction, and working with diverse populations of students. Course activities include observation in college classrooms, conferences with content field specialists, teaching in a secondary classroom, discussion/reflections, demonstration of effective use of standards documents, inquiry activities and a review of effective pedagogical and school improvement literature. This course requires fifty hours of field experience in a middle or high school classroom.

Notes: Education undergraduates must also register for the within course service learning/practicum component EDUC 5890-06.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3200, PSYC 3390. EDUC 3400, 3500, 3800, 3820, DANC/EDLA 3610 and progress towards dance

credit hours: 3

EDUC 6860 Special Topics: Exploring the Reggio Emilia Approach to Early Childhood Education

Special Topics: Exploring the Reggio Emilia Approach to Early Childhood Education

This course will explore various curriculum models and underlying theories utilized in designing early childhood curriculum, with an emphasis on the Reggio Emilia approach. Participants will examine factors which have influenced curriculum development in Early Childhood Education and determine how certain factors have influenced the development of a variety of curriculum models. Through the Reggio Emilia approach, young children are encouraged to explore their environment and express themselves through many "languages," or modes of expression, including words, movement, drawing, painting, sculpture, shadow play, collage, and music. Additionally, students in this course will explore the latest research on Social and Emotional Learning and ways to integrate strategies into the early childhood curriculum.

Notes: This course is only offered during TPCP summer abroad in Italy. This course is an effective option for a MINOR IN TEACHING AND LEARNING.

credit hours: 3

EDUC 6900 Student Teaching Semester in Early Childhood (PK-3)

Student Teaching Semester in Early Childhood (PK-3)

The purpose of this clinical course is the development of competence in the art and science of teaching young children. Intensive clinical experience (with a minimum of 300 clock hours of classroom teaching) provides opportunities for continued professional growth through the practice of professional ethics, reflective teaching, instructional design, effective classroom management and authentic assessment. Students will attend a series of seminars and conduct an action research project directly related to their teaching assignment. A university supervisor works with a cooperating PK-3 teacher toward the mutual goal of the student's development.

Notes: Praxis II (Principles of Teaching and Learning) may be taken while student teaching.

Pre-requisites: Completion of baccalaureate degree, all education courses, passage of Praxis II (Content Area) and program director approval

credit hours: 6

EDUC 6910 Internship in Early Childhood Education (PK-3)

Internship in Early Childhood Education (PK-3)

The year-long internship (2 semesters) is the culminating course of Tulane's Teacher

Preparation and Certification Program and occurs the year following the completion of the first 27 hours of professional coursework. The candidate must blend theory and practice in the actual activity of teaching all day. Students will attend a series of seminars and conduct an action research project directly related to their teaching assignment. Candidates must be hired as a full-time teacher in a school system and will be under the supervision of a mentor teacher at the school site as well as university faculty. Candidates who have completed at least three years of classroom teaching may be eligible for a waiver from this final clinical.

Notes: Praxis II (Principles of Teaching and Learning) may be taken during the internship.

Pre-requisites: Completion of baccalaureate degree, all education courses, passage of Praxis II (Content Area) and program director approval.

credit hours: 3

EDUC 6912 Residency Student Teaching in Early Childhood (PK-3)

Residency Student Teaching in Early Childhood (PK-3)

The yearlong student teaching residency (2 semesters) is the culminating experience of Tulane's Teacher Preparation & Certification Program and occurs the year following the completion of the first 27 hours of professional coursework. The candidate will blend theory and practice in the actual activity of teaching. Students will attend a series of seminars and complete assignments directly related to their teaching assignment. Candidates will be placed in a school and will be under the direct supervision of a mentor teacher at the school site as well as university faculty.

Notes: The Praxis II Principles of Learning and Teaching for Early Childhood PK-3rd may be taken during the residency student teaching. Completion of baccalaureate degree, passage of Praxis II Content (PK-3rd Elementary Curriculum) and approval of program director.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3210, EDUC 3000, EDLA 3160, EDUC 3410, EDUC 3260, EDUC 3801, EDUC 3510 and EDUC 3911.

credit hours: 3

EDUC 6913 Residency Student Teaching in Early Childhood (PK-3)

Residency Student Teaching in Early Childhood (PK-3)

The yearlong student teaching residency (2 semesters) is the culminating experience of Tulane's Teacher Preparation & Certification Program and occurs the year following the completion of the first 27 hours of professional coursework. The candidate will blend theory and practice in the actual activity of teaching. Students will attend a series of seminars and complete assignments directly related to their teaching assignment. Candidates will be placed in a school and will be under the direct supervision of a mentor teacher at the school site as well as university faculty.

Notes: The Praxis II Principles of Learning and Teaching for Early Childhood PK-3rd may be taken during the residency. Completion of baccalaureate degree, passage of Praxis II Content (PK-3rd Elementary Curriculum) and approval of program director.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3210, EDUC 3000, EDLA 3160, EDUC 3410, EDUC 3260, EDUC 3801, EDUC 3510 and EDUC 3911

credit hours: 3

EDUC 6914 Practitioner Residency in Early Childhood Education (PK-3rd)

Practitioner Residency in Early Childhood Education (PK-3rd)

The yearlong student teaching residency (2 semesters) is the culminating experience of Tulane's Teacher Preparation & Certification Program and occurs the year following the completion of the first 27 hours of professional coursework. The candidate will blend theory and practice in the

actual activity of teaching. Students will attend a series of seminars and complete assignments directly related to their teaching assignment. Candidates will be placed in a school and will be under the direct supervision of a mentor teacher at the school site as well as university faculty.

Notes: The Praxis II Principles of Learning and Teaching for Early Childhood PK-3rd may be taken during the residency. Completion of baccalaureate degree, passage of Praxis II Content (PK-3rd Elementary Curriculum) and approval of program director

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3210, EDUC 3000, EDLA 3160, EDUC 3410, EDUC 3260, EDUC 3801, EDUC 3510 and EDUC 3911

credit hours: 3

EDUC 6915 Practitioner Residency in Early Childhood Education (PK-3rd)

Practitioner Residency in Early Childhood Education (PK-3rd)

The yearlong student teaching residency (2 semesters) is the culminating experience of Tulane's Teacher Preparation & Certification Program and occurs the year following the completion of the first 27 hours of professional coursework. The candidate will blend theory and practice in the actual activity of teaching. Students will attend a series of seminars and complete assignments directly related to their teaching assignment. Candidates will be placed in a school and will be under the direct supervision of a mentor teacher at the school site as well as university faculty.

Notes: The Praxis II Principles of Learning and Teaching for Early Childhood PK-3rd may be taken during the residency. Completion of baccalaureate degree, passage of Praxis II Content (PK-3rd Elementary Curriculum) and approval of program director

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3210, EDUC 3000, EDLA 3160, EDUC 3410, EDUC 3260, EDUC 3801, EDUC 3510 and EDUC 3911

credit hours: 3

EDUC 6916 Residency Student Teaching in Secondary Schools (6th-12th)

Residency Student Teaching in Secondary Schools (6th-12th)

The year-long student teaching residency (2 semesters) is the culminating experience of Tulane's Teacher Preparation & Certification Program and occurs the year following the completion of the first 24 hours of professional coursework. The candidate will blend theory and practice in the actual activity of teaching. Students will attend a series of seminars and complete assignments directly related to their teaching assignment. Candidates will be placed in a school and will be under the direct supervision of a mentor teacher at the school site as well as university faculty.

Notes: Completion of baccalaureate degree, passage of Praxis II (Content Area) and approval of program director. Praxis II Principles of Learning and Teaching in Secondary Schools may be taken during the residency.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3200, PSYC 3390, EDUC 3410, EDUC 3260, EDUC 3802, EDUC 5100 and EDUC content Methods.

credit hours: 3

EDUC 6917 Residency Student Teaching in Secondary Schools (6th-12th)

Residency Student Teaching in Secondary Schools (6th-12th)

The year-long student teaching residency (2 semesters) is the culminating experience of Tulane's Teacher Preparation & Certification Program and occurs the year following the

completion of the first 24 hours of professional coursework. The candidate will blend theory and practice in the actual activity of teaching. Students will attend a series of seminars and complete assignments directly related to their teaching assignment. Candidates will be placed in a school and will be under the direct supervision of a mentor teacher at the school site as well as university faculty.

Notes: Completion of baccalaureate degree, passage of Praxis II (Content Area) and approval of program director. Praxis II Principles of Learning and Teaching in Secondary Schools may be taken during the residency.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3200, PSYC 3390, EDUC 3410, EDUC 3260, EDUC 3802, EDUC 5100 and EDUC content Methods.

credit hours: 3

EDUC 6918 Practitioner Residency in Secondary Education (6th-12th)

Practitioner Residency in Secondary Education (6th-12th)

The yearlong student teaching residency (2 semesters) is the culminating experience of Tulane's Teacher Preparation & Certification Program and occurs the year following the completion of the first 24 hours of professional coursework. The candidate will blend theory and practice in the actual activity of teaching. Students will attend a series of seminars and complete assignments directly related to their teaching assignment. Candidates will be placed in a school and will be under the direct supervision of a mentor teacher at the school site as well as university faculty. Candidates who have completed at least three years of classroom teaching may be eligible for a waiver from the residency.

Notes: Completion of baccalaureate degree, passage of Praxis II (Content Area) and approval of program director. Praxis II Principles of Learning and Teaching in Secondary Schools may be taken during the residency.

Pre-requisites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3200, PSYC 3390, EDUC 3410, EDUC 3260, EDUC 3802, EDUC 5100 and EDUC content Methods.

credit hours: 3

EDUC 6919 Practitioner Residency in Secondary Education (6th-12th)

Practitioner Residency in Secondary Education (6th-12th)

The yearlong student teaching residency (2 semesters) is the culminating experience of Tulane's Teacher Preparation & Certification Program and occurs the year following the completion of the first 24 hours of professional coursework. The candidate will blend theory and practice in the actual activity of teaching. Students will attend a series of seminars and complete assignments directly related to their teaching assignment. Candidates will be placed in a school and will be under the direct supervision of a mentor teacher at the school site as well as university faculty. Candidates who have completed at least three years of classroom teaching may be eligible for a waiver from the residency.

Notes: Completion of baccalaureate degree, passage of Praxis II (Content Area) and approval of program director. Praxis II Principles of Learning and Teaching in Secondary Schools may be taken during the residency.

Pre-requistites: EDLA 2000, EDLA 2890 or EDUC 3250, PSYC 3200, PSYC 3390, EDUC 3410, EDUC 3260, EDUC 3802, EDUC 5100 and EDUC content Methods.

credit hours: 3

EDUC 6920 Internship in Early Childhood Education (PK-3)

Internship in Early Childhood Education (PK-3)

The year-long internship (2 semesters) is the culminating course of Tulane's Teacher Preparation and Certification Program and occurs the year following the completion of the first 27 hours of professional coursework. The candidate must blend theory and practice in the actual activity of teaching all day. Students will attend a series of seminars and conduct an action research project directly related to their teaching assignment. Candidates must be hired as a full-time teacher in a school system and will be under the supervision of a mentor teacher at the school site as well as university faculty. Candidates who have completed at least three years of classroom teaching may be eligible for a waiver from this final clinical.

Notes: Praxis II (Principles of Teaching and Learning) may be taken during the internship.

Pre-requistites: Completion of baccalaureate degree, all education courses, passage of Praxis II (Content Area) and program director approval.

credit hours: 3

EDUC 6930 Student Teaching Semester in Secondary Schools (6-12)

Student Teaching Semester in Secondary Schools (6-12)

The purpose of this course is the development of proficiency in the art and science of teaching. Intensive clinical experience (with a minimum of 300 clock hours of classroom teaching) provides opportunities for continued professional growth through the practice of professional ethics, reflective teaching, instructional design, effective classroom management and authentic assessment. Students will attend a series of seminars and conduct an action research project directly related to their teaching assignment. A university supervisor works with a cooperating 6-12 teacher toward the mutual goal of the student's development.

Notes: Praxis II (Principles of Teaching and Learning) may be taken during the internship.

Pre-requistites: Completion of baccalaureate degree, all education courses, passage of Praxis II (Content Area) and program director approval.

credit hours: 6

EDUC 6940 Internship in Secondary Education (6-12)

Internship in Secondary Education (6-12)

The year-long internship (2 semesters) is the capstone course of the Tulane's Teacher Preparation and Certification Program and occurs the year following the completion of the first 24 hours of professional coursework. The candidate must blend theory and practice in the actual activity of teaching all day. Students will attend a series of seminars and conduct an action research project directly related to their teaching assignment. Candidates must be hired as a full-time teacher in a school system and will be under the supervision of a mentor teacher at the school site as well as university faculty. Candidates who have completed at least three years of classroom teaching may be eligible for a waiver from this final clinical.

Notes: Praxis II (Principles of Teaching and Learning) may be taken during the internship.

Pre-requistites: Completion of baccalaureate degree, all education courses, passage of Praxis II (Content Area) and program director approval.

credit hours: 3

EDUC 6950 Internship in Secondary Education (6-12)

Internship in Secondary Education (6-12)

The year-long internship (2 semesters) is the capstone course of the Tulane's Teacher Preparation and Certification Program and occurs the year following the completion of the first 24 hours of professional coursework. The candidate must blend theory and practice in the actual activity of teaching all day. Students will attend a series of seminars and conduct an action research project directly related to their teaching assignment. Candidates must be hired as a full-time teacher in a school system and will be under the supervision of a mentor teacher at the school site as well as university faculty. Candidates who have completed at least three years of classroom teaching may be eligible for a waiver from this final clinical.

Notes: Praxis II (Principles of Teaching and Learning) may be taken during the internship.

Pre-requisites: Completion of baccalaureate degree, all education courses, passage of Praxis II (Content Area) and program director approval.

credit hours: 3

EDUC 6960 Student Teaching Semester in Dance Education (K-12)

Student Teaching Semester in Dance Education (K-12)

The purpose of this capstone course is the development of competence in the art and science of dance instruction. Intensive clinical experience (with a minimum of 300 clock hours of classroom teaching) provides opportunities for continued professional growth through the practice of professional ethics, reflective teaching, instructional design, effective classroom management and authentic assessment. Students will attend a series of seminars and conduct an action research project directly related to their teaching assignment. Dance candidates will be placed in a K-5 setting for the first six weeks of the semester and in a 6-12 setting for the second six weeks. Candidates will be under the supervision of an experienced cooperating teacher/artist-teacher at the school site as well as university faculty with extensive teaching experience. Dance candidate placements will be in schools with both discipline-specific and curriculum-based programming wherever possible.

Notes: Praxis II (Principles of Teaching and Learning) may be taken during the internship.

Pre-requisites: Completion of baccalaureate degree, all education courses, passage of Praxis II (Content Area) and program director approval.

credit hours: 3

EDUC 6970 Internship in Dance Education K-12

Internship in Dance Education K-12

The year-long internship (2 semesters) is the culminating course of Tulane's Teacher Preparation and Certification Program and occurs the year following the completion of the first 27 hours of professional coursework. The candidate must blend theory and practice in the actual activity of teaching all day. Students will attend a series of seminars and conduct an action research project directly related to their teaching assignment. Candidates must be hired as a full-time teacher in a school system and will be under the supervision of a mentor teacher at the school site as well as university faculty. Dance candidates will be placed in a setting that provides experience in both elementary and secondary level dance education. Candidates will be under the supervision of an experienced cooperating teacher/artist-teacher at the school site as well as university faculty with extensive teaching experience. Dance candidate placements will be in schools with both discipline-specific and curriculum-based programming wherever possible. Candidates who have completed at least three years of classroom teaching may be

eligible for a waiver from this final clinical.

Notes: Praxis II (Principles of Teaching and Learning) may be taken during the internship.

Pre-requisites: Completion of baccalaureate degree, all education courses, passage of Praxis II (Content Area) and program director approval.

credit hours: 3

EDUC 6980 Internship in Dance Education K-12

Internship in Dance Education K-12

The year-long internship (2 semesters) is the culminating course of Tulane's Teacher Preparation and Certification Program and occurs the year following the completion of the first 27 hours of professional coursework. The candidate must blend theory and practice in the actual activity of teaching all day. Students will attend a series of seminars and conduct an action research project directly related to their teaching assignment. Candidates must be hired as a full-time teacher in a school system and will be under the supervision of a mentor teacher at the school site as well as university faculty. Dance candidates will be placed in a setting that provides experience in both elementary and secondary level dance education. Candidates will be under the supervision of an experienced cooperating teacher/artist-teacher at the school site as well as university faculty with extensive teaching experience. Dance candidate placements will be in schools with both discipline-specific and curriculum-based programming wherever possible. Candidates who have completed at least three years of classroom teaching may be eligible for a waiver from this final clinical.

Notes: Praxis II (Principles of Teaching and Learning) may be taken during the internship.

Pre-requisites: Completion of baccalaureate degree, all education courses, passage of Praxis II (Content Area) and program director approval.

credit hours: 3

EAPP 1000

This course prepares students to subsequently master their college writing requirements. In addition to developing an advanced understanding of English syntax, morphology, and semantics, students explore the process of composing, revising, and editing in English and the expectations of academic writing by exploring three common rhetorical modes.

credit hours: 3

EAPP 1050

This course prepares students to master public speaking and interpersonal dynamics at American universities. In addition to developing an advanced understanding of English phonology, semantics, and pragmatics, students focus on the communication strategies that make presentations and interpersonal interactions memorable and smooth.

credit hours: 3

TESL 3210 Methods for teaching English as a second language

Methods for teaching English as a second language

This course focuses on first language and ESL instruction for all English Language Learners especially elementary and secondary students (PreK-12). Second-language instructional theory and practice, materials selection and development for ELLs, and bilingual and ESL literacy and content area instruction are covered within the context a variety of language and program settings. Frameworks for evaluating curriculum materials and their instructional

recommendations for ELL students are developed.

credit hours: 3

TESL 3220 Structure of the English language for teaching

Structure of the English language for teaching

This course explores the nuances of morphology, grammar, and semantics in English. Various approaches to the English language are covered, but the emphasis is on the practical implications for effective teaching.

credit hours: 3

TESL 3230 Language and culture in the classroom

Language and culture in the classroom

This course covers frameworks for understanding and analyzing language and culture. Within these frameworks, the course considers approaches to enhancing the cultural dimension of ESL/EFL instruction with an emphasis on developing enriching cross-cultural interactions.

credit hours: 3

TESL 3240 Curriculum design for the multicultural classroom

Curriculum design for the multicultural classroom

This course focuses on understanding the processes and social factors that influence second language learning in North America (particularly in the United States). In addition, it examines the theoretical, historical, political, legal, and research bases for the education of students from linguistically and culturally diverse populations. Program models, national policies, the theoretical bases, and current issues for these issues are covered in this course.

credit hours: 3

INTU 1000 History and Philosophy of Higher Education: The Role of College Women

History and Philosophy of Higher Education: The Role of College Women

This course examines the social and political history of higher education with special emphasis on the transformation of women and the college landscape from the early 20th century to present day. Using historical and literary frameworks to generate and address and answer questions about college women today, this course will provide Newcomb Scholars with the opportunity to examine the social and political culture of various decades and its influence on college culture, women's colleges, women in college, and narratives about college life.

Pre-requistites: Admission to the Newcomb Scholars Program.

credit hours: 3

INTU 2000 Seeking Knowledge: Exploring How Various Disciplines Recognize Truth

Seeking Knowledge: Exploring How Various Disciplines Recognize Truth

This course will examine questions around the central theme, how do researchers in a particular discipline know when they have reached a conclusion, as a means to understand academic disciplines' perspectives and methods of research. Studying this question will enable Newcomb Scholars to examine how research questions of various academic disciplines are developed, how a study is set up/established and executed, and how researchers reach a conclusion. Scholars will also be exposed to research methods (qualitative and quantitative) and types of studies (case studies, historical, ethnographic, action research, to name a few). Newcomb Scholars have the opportunity to establish connections with faculty mentors in their fields or related fields.

Pre-requistites: INTU 1000.

credit hours: 3

INTU 4000 Newcomb Scholars Research Seminar

Newcomb Scholars Research Seminar

This course is designed to provide support and resources from the professor for students in the Newcomb Scholars Program to complete their independent research project. In this course, Newcomb Scholars will incorporate what they have researched and written in the previous seminars, finalize their research question, determine the appropriate research methods, and begin to answer that question in a comprehensive and systematic way that would be recognized by the relevant scholarly community as constituting original and important research. Each Scholar is expected to understand the work that has previously been done in her field and find a place for her research in that body of knowledge. Students will use their skills of analysis, criticism, and synthesis to address or respond to any relevant issues in their fields of study. Each student will present their research project at a campus conference in the Spring semester.

Pre-requisites: INTU 3000.

credit hours: 3

SRVC 4890 Service Learning

Service Learning

Co-requisites: ECON 4570.

credit hours: 0

AERO 1010 The Foundations of the United States Air Force I

The Foundations of the United States Air Force I

Description. AERO 1010 is a survey course designed to introduce students to the United States Air Force and encourage participation in Air Force Reserve Officer Training Corps. Featured topics include: overview of ROTC, special programs offered through ROTC, mission and organization of the Air Force, brief history of the Air Force, introduction to leadership and leadership related issues, Air Force Core Values, Air Force officer opportunities, and an introduction to communication studies. Leadership Laboratory is mandatory for AFROTC cadets and complements this course by providing cadets with followership experiences. Course Objectives: The AERO 1010 student should know what AFROTC and the Air Force have to offer potential entrants, as well as the expectations the Air Force will set concerning core values and leadership. The student should also have a basic knowledge of what role the Air Force plays and how it is organized to support national objectives. The individual should demonstrate basic communicative skills.

credit hours: 1

AERO 1020 The Foundations of the United States Air Force II

The Foundations of the United States Air Force II

Description. AERO 1020 is a survey course designed to introduce students to the United States Air Force and encourage participation in Air Force Reserve Officer Training Corps. Featured topics include: overview of ROTC, special programs offered through ROTC, mission and organization of the Air Force, brief history of the Air Force, introduction to leadership and leadership related issues, Air Force Core Values, Air Force officer opportunities, and an introduction to communication studies. Leadership Laboratory is mandatory for AFROTC cadets and complements this course by providing cadets with followership experiences. Course Objectives: The AERO 1020 student should know what AFROTC and the Air Force have to offer potential entrants, as well as the expectations the Air Force will set concerning core values and

leadership. The student should also have a basic knowledge of what role the Air Force plays and how it is organized to support national objectives. The individual should demonstrate basic communicative skills.

credit hours: 1

AERO 2010 The Evolution of USAF Air and Space Power I

The Evolution of USAF Air and Space Power I

Description. A course designed to examine general aspects of air and space power from a historical perspective. The course covers the period from the first balloons and dirigibles to the space-age systems of the Global War on Terror. Historical examples are provided to show the development of Air Force distinctive capabilities (previously referred to as core competencies), and missions (functions) to demonstrate the evolution of what has become today's USAF air and space power. Furthermore, the course examines several fundamental truths associated with war in the third dimension, e.g., principles of war and tenets of air and space power. As a whole, this course provides the students with a knowledge-level understanding for the general employment of air and space power, from an institutional, doctrinal, and historical perspective. In addition, what the students learned about the Air Force Core Values in AERO 1000 will be reinforced through the use of operational examples, and they will complete several writing and briefing assignments to meet Air Force communication skills requirements. Course Objectives: The AERO 2000 student should know the key terms and definitions used to describe air and space power. The individual should know the events, leaders, and technical developments that led to the evolution and employment of USAF air and space power. The individual should demonstrate basic verbal and written communication skills. The individual should know the Air Force Core Values and examples of their use throughout the evolution of USAF air and space power.

credit hours: 1

AERO 2020 The Evolution of USAF Air and Space Power II

The Evolution of USAF Air and Space Power II

Description. A course designed to examine general aspects of air and space power from a historical perspective. The course covers the period from the first balloons and dirigibles to the space-age systems of the Global War on Terror. Historical examples are provided to show the development of Air Force distinctive capabilities (previously referred to as core competencies), and missions (functions) to demonstrate the evolution of what has become today's USAF air and space power. Furthermore, the course examines several fundamental truths associated with war in the third dimension, e.g., principles of war and tenets of air and space power. As a whole, this course provides the students with a knowledge-level understanding for the general employment of air and space power, from an institutional, doctrinal, and historical perspective. In addition, what the students learned about the Air Force Core Values in AERO 1000 will be reinforced through the use of operational examples, and they will complete several writing and briefing assignments to meet Air Force communication skills requirements. Course Objectives: The AERO 2000 student should know the key terms and definitions used to describe air and space power. The individual should know the events, leaders, and technical developments that led to the evolution and employment of USAF air and space power. The individual should demonstrate basic verbal and written communication skills. The individual should know the Air Force Core Values and examples of their use throughout the evolution of USAF air and space power.

credit hours: 1

AERO 3010 Air Force Leadership Studies I

Air Force Leadership Studies I

Description: AERO 3010 is a study of leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, leadership ethics, and communication skills required of an Air Force junior officer. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied. A mandatory Leadership Laboratory complements this course by providing advanced leadership experiences in officer-type activities, giving students the opportunity to apply leadership and management principles of this course. Course Objectives: The AERO 3000 cadet should comprehend selected individual leadership skills and personal strengths and weaknesses as applied in an Air Force environment. The individual should comprehend the responsibility and authority of an Air Force officer, the Air Force officer's responsibilities in the counseling and feedback process, and the selected duties and responsibilities as a subordinate leader. The individual should comprehend and apply concepts of ethical behavior as well as comprehend the selected concepts, principles, and theories of quality in Air Force leadership and management. The individual should apply listening, speaking, and writing skills in Air Force-peculiar formats and situations with accuracy, clarity, and appropriate style.

credit hours: 3

AERO 3020 Air Force Leadership Studies II

Air Force Leadership Studies II

Description: AERO 3020 is a study of leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, leadership ethics, and communication skills required of an Air Force junior officer. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied. A mandatory Leadership Laboratory complements this course by providing advanced leadership experiences in officer-type activities, giving students the opportunity to apply leadership and management principles of this course. Course Objectives: The AERO 3000 cadet should comprehend selected individual leadership skills and personal strengths and weaknesses as applied in an Air Force environment. The individual should comprehend the responsibility and authority of an Air Force officer, the Air Force officer's responsibilities in the counseling and feedback process, and the selected duties and responsibilities as a subordinate leader. The individual should comprehend and apply concepts of ethical behavior as well as comprehend the selected concepts, principles, and theories of quality in Air Force leadership and management. The individual should apply listening, speaking, and writing skills in Air Force-peculiar formats and situations with accuracy, clarity, and appropriate style.

credit hours: 3

AERO 4010 National Security Affairs/Preparation for Active Duty I

National Security Affairs/Preparation for Active Duty I

Description. AERO 4010 examines the national security process, regional studies, advanced leadership ethics, and Air Force doctrine. Special topics of interest focus on the military as a profession, officer ship, military justice, civilian control of the military, preparation for active duty, and current issues affecting military professionalism. Within this structure, continued emphasis is given to refining communication skills. Course Objectives: The AERO 4000 cadet should comprehend the basic elements of national security policy and process. The individual should comprehend the air and space power functions and competencies. Also, the individual should comprehend selected roles of the military in society and current issues affecting the military profession as well as selected provisions of the military justice system. The individual should

comprehend the responsibility, authority, and functions of an Air Force commander. The individual should apply listening, speaking, and writing skills in Air Force-peculiar formats and situations with accuracy, clarity, and appropriate style. The individual should comprehend the factors, which facilitate a smooth transition from civilian to military life.

credit hours: 3

AERO 4020 National Security Affairs/Preparation for Active Duty II

National Security Affairs/Preparation for Active Duty II

Description. AERO 4020 examines the national security process, regional studies, advanced leadership ethics, and Air Force doctrine. Special topics of interest focus on the military as a profession, officer ship, military justice, civilian control of the military, preparation for active duty, and current issues affecting military professionalism. Within this structure, continued emphasis is given to refining communication skills. Course Objectives: The AERO 4000 cadet should comprehend the basic elements of national security policy and process. The individual should comprehend the air and space power functions and competencies. Also, the individual should comprehend selected roles of the military in society and current issues affecting the military profession as well as selected provisions of the military justice system. The individual should comprehend the responsibility, authority, and functions of an Air Force commander. The individual should apply listening, speaking, and writing skills in Air Force-peculiar formats and situations with accuracy, clarity, and appropriate style. The individual should comprehend the factors, which facilitate a smooth transition from civilian to military life.

credit hours: 3

MILS 1010 Dynamics of Leadership I

Dynamics of Leadership I

MILS 1010 introduces you to the personal challenges and competencies that are critical for effective leadership and communication. You will learn how the personal development of life skills such as cultural understanding, goal setting, time management, mental/physical resiliency, and stress management relate to leadership, Officership, and the Army profession. As you become further acquainted with MILS 1010, you will learn the structure of the ROTC Basic Course program consisting of MILS 1010, 1020, 2010, 2020, Fall and Spring Leadership Labs, and LTC. The focus is on developing basic knowledge and comprehension of Army leadership dimensions, attributes and core leader competencies while gaining an understanding of the ROTC program, its purpose in the Army, and its advantages for the student.

Notes: Offered in the Fall semester.

credit hours: 1

MILS 1020 Dynamics of Leadership II

Dynamics of Leadership II

MILS 1020 overviews leadership fundamentals such as setting direction, problem-solving, listening, presenting briefs, providing feedback, and using effective writing skills. You will explore dimensions of leadership attributes and core leader competencies in the context of practical, hands-on, and interactive exercises. As you become further acquainted with MILS 1020, you will learn the structure of the ROTC Basic Course program consisting of MILS 1010, 1020, 2010, 2020, Fall and Spring Leadership Labs, and LTC. The key objective this semester is to explore (in more detail) the Armys leadership philosophy and learn fundamental military concepts. Emphasis on Army leadership will provide the learner a better understanding of the ROTC program, its purpose in the Army, and its advantages for the student.

Notes: Offered in the Spring semester.

credit hours: 2

MILS 2010 Management Techniques I

Management Techniques I

MILS 2010 explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army leadership framework. Aspects of personal motivation and team building are practiced planning, executing and assessing team exercises. While participation in the leadership labs is not mandatory during the MILS II year, significant experience can be gained in a multitude of areas and participation in the labs is highly encouraged. The focus continues to build on developing knowledge of the leadership attributes and core leader competencies through the understanding of Army rank, structure, and duties as well as broadening knowledge of land navigation and squad tactics. Case studies will provide a tangible context for learning the Soldiers Creed and Warrior Ethos.

Notes: Offered in the Fall semester.

credit hours: 1

MILS 2020 Management Techniques II

Management Techniques II

MILS 2020 examines the challenges of leading teams in the complex operational environment. The course highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. MILS 2020 prepares Cadets for MILS 3010. Cadets develop greater self-awareness as they assess their own leadership styles and practice communication and team building skills. Case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios.

Notes: Offered in the Spring semester.

credit hours: 2

MILS 3010 Advanced Tactics I

Advanced Tactics I

This course is designed to provide opportunities, apply learned skills, and evaluate progress in preparation for successful completion of LDAC. This course is physically and intellectually demanding. Ultimately, each MILS III Cadet is trained in skills such as map reading, land navigation, combat water survival training, basic rifle marksmanship, troop leading procedures, operations order process, briefing skills, problem solving and small-unit tactics/techniques. Active leadership and leadership application techniques is stressed and evaluated during the course.

Notes: Offered in the Fall semester.

credit hours: 2

MILS 3020 Advanced Tactics II

Advanced Tactics II

This is an academically challenging course where you will study, practice, and apply the fundamentals of Army Leadership, Officership, Army Values and ethics, personal development, and small unit tactics at the team and squad level. At the conclusion of this course, you will be capable of planning, coordinating, navigating, motivating and leading a team or squad in the execution of a tactical mission during a classroom PE, a Leadership Lab, or during a Situational Training Exercise (STX) in a field environment. Successful completion of this course will help

prepare you for success at the ROTC Leader Development and Assessment Course (LDAC) which you will attend next summer at Fort Lewis, WA. This course includes reading assignments, homework assignments, small group assignments, briefings, case studies, and practical exercises, a mid-term exam, and a final exam. You will receive systematic and specific feedback on your leader attributes values and core leader competencies from your instructor and other ROTC cadre and MILS IV Cadets who will evaluate you using the ROTC Leader Development Program (LDP) model.

Notes: Offered in the Spring semester.

credit hours: 2

MILS 4010 Professionalism of Leadership I

Professionalism of Leadership I

MILS 4010 transitions the focus of student learning from being trained, mentored and evaluated as an MILS III Cadet to learning how to train, mentor and evaluate underclass Cadets. MILS IV Cadets learn the duties and responsibilities of an Army staff officer and apply the Military Decision Making Process, Army Writing Style, and the Armys Training Management and METL Development processes during weekly Training Meetings to plan, execute and assess battalion training events. Cadets learn to safely conduct training by understanding and employing the Composite Risk Management Process. Cadets learn how to use the Comprehensive Soldier Fitness (CSF) program to reduce and manage stress.

Notes: Offered in the Fall semester.

credit hours: 1

MILS 4020 Professionalism of Leadership II

Professionalism of Leadership II

MILS 4020 explores the dynamics of leading in the complex situations of current military operations in the full spectrum operations (FSO). You will examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. You also explore aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support. The course places significant emphasis on preparing you for BOLC B, and your first unit of assignment. It uses case studies, scenarios, and What Now, Lieutenant? exercises to prepare you to face the complex ethical and practical demands of leading as a commissioned officer in the United States Army. This semester, you will: Explore Military Professional Ethics and ethical decision making facing an Officer Gain practical experience in Cadet battalion leadership roles Demonstrate personal skills in operations and communications Evaluate and develop MILS III small unit leaders and examine issues of force protection in FSO Prepare for the transition to a career as an Army Officer

Notes: Offered in the Spring semester.

credit hours: 1

NAVS 1010 Introduction to Naval Science

Introduction to Naval Science

Freshman/Fall. A general introduction to the naval profession and to concepts of sea power. The mission, organization, and warfare components of the U.S. Navy and Marine Corps. Overview of officer and enlisted ranks and rates, training and education, and career patterns. Naval courtesy and customs, military justice, leadership, and nomenclature. Professional competencies required to become a naval officer.

credit hours: 3

NAVS 1020 Seapower in History

Seapower in History

Freshman/Spring. A survey of the U.S. naval history. Naval aspects of U.S. conflicts from the American Revolution to the global war on terror. The influence of technological innovation, domestic politics, and foreign policy on the development and execution of naval doctrine and tactics.

credit hours: 3

NAVS 2000 Leadership and Management

Leadership and Management

Sophomore/Fall. Organizational behavior, management, and leadership principles in the context of naval organization. The management functions of planning, organizing, and controlling; individual and group behavior in organizations; motivation and leadership. Experiential exercises, case studies, and laboratory discussions. Decision making, communication, responsibility, authority, and accountability.

credit hours: 3

NAVS 2010 Ships Engineering Systems

Ships Engineering Systems

Junior/Fall. A detailed study of ship characteristics and types, including ship design and control, propulsion, hydrodynamic forces, stability, compartmentation, and electrical and auxiliary systems. Included are basic concepts of the theory and design of steam, gas turbine, and nuclear propulsion.

credit hours: 3

NAVS 3010 Navigation I

Navigation I

Sophomore/Spring. Students develop practical skills in naval piloting procedures. Charts, visual and electronic aids, and theory and operation of magnetic and gyro compasses; inland and international rules of the nautical road. Basic principles of environmental factors affecting naval operations.

credit hours: 3

NAVS 3020 Naval Operations and Seamanship

Naval Operations and Seamanship

Senior/Fall. Relative motion vector analysis theory, formation tactics, and ship employment; practical skills in relative motion problems. Controllable and noncontrollable forces in shiphandling, ship behavior, and maneuvering characteristics; various methods of visual communication, including flaghoist, flashing light, and semaphore.

credit hours: 3

NAVS 3030 Evolution of Warfare (Marine Option)

Evolution of Warfare (Marine Option)

This course traces the development of warfare, from earliest recorded history to the present, with focus on the impact of major military theorists, strategists, tacticians, and technological developments. The student acquires a basic sense of strategy and develops an understanding of military alternatives and the impact of historical precedent on military thought and actions.

credit hours: 3

NAVS 4010 Ships Weapons Systems

Ships Weapons Systems

Junior/Spring. Theory and employment of weapons systems, including the processes of detection, evaluation, threat analysis, weapon selection, delivery, guidance, and explosives. Fire control systems and major weapons types, including capabilities and limitations. Physical aspects of radar and underwater sound. Facets of command, control, and communications as means of weapons system integration.

credit hours: 3

NAVS 4020 Leadership and Ethics

Leadership and Ethics

Senior/Spring. The interaction of leadership, organizational behavior, and human resource management. Subordinate interviewing and counseling, performance appraisal, military and civilian law, and managerial ethics and values. This capstone course integrates professional competencies to develop understanding of the issues faced by leaders, managers, and naval officers.

credit hours: 3

NAVS 4030 Amphibious Warfare (Marine Option)

Amphibious Warfare (Marine Option)

A historical survey of the development of amphibious doctrine and the conduct of amphibious operations. The evolution of amphibious warfare in the 20th century, especially during World War II. Present-day potential and limitations on amphibious operations, including the concept of rapid deployment force.

credit hours: 3

School of Health and Tropical Medicine

Courses

[BIOS 6030 Introductory Biostatistics](#)

Introductory Biostatistics

Introduction to statistical methodology in the health field. Topics include presentation of data (graphs and tables), descriptive statistics, concepts of probability, estimation of parameters, hypothesis testing, simple linear regression, correlation, and the analysis of attribute data. It is recommended for students with any mathematical or statistical background and those needing a firm foundation in statistical methods either for their careers or preparation for further quantitative courses.

credit hours: 3

[BIOS 6040 Intermediate Biostatistics Methods](#)

Intermediate Biostatistics Methods

credit hours: 3

[BIOS 6230 Computer Packages for Statistical Analysis I](#)

Computer Packages for Statistical Analysis I

credit hours: 1

[BIOS 6240 Computer Packages for Statistical Analysis II](#)

Computer Packages for Statistical Analysis II

credit hours: 1

[BIOS 6250 Computer Packages for Statistical Analysis III](#)

Computer Packages for Statistical Analysis III

credit hours: 3

[BIOS 7080 Design of Experiments](#)

Design of Experiments

credit hours: 3

[BIOS 7150 Categorical Data Analysis](#)

Categorical Data Analysis

credit hours: 3

[BIOS 7220 Nonparametric Statistics](#)

Nonparametric Statistics

credit hours: 3

[BIOS 7250 Principles of Sampling](#)

Principles of Sampling

credit hours: 3

[BIOS 7300 Statistical Methods for Survival Analysis](#)

Statistical Methods for Survival Analysis

credit hours: 3

BIOS 7350 Statistics For Environmental Problems

Statistics For Environmental Problems

credit hours: 3

BIOS 7400 Clinical Trials

Clinical Trials

credit hours: 3

BIOS 7420 Principles of Measurement

Principles of Measurement

credit hours: 3

BIOS 7600 Advanced Evaluation Research

Advanced Evaluation Research

credit hours: 3

BIOS 7820 Multivariate Methods

Multivariate Methods

credit hours: 3

BIOS 7990 Special Topics

Special Topics

credit hours: 1-3

BIOS 9980 Master's Research

Master's Research

credit hours: 1

BIOS 9990 Dissertation Research

Dissertation Research

credit hours: 2

HSMG 6030 Principles of Health Systems Administration and Management

Principles of Health Systems Administration and Management

Concepts and principles of management as they are applied in the functions of planning, organizing, staffing, leading, controlling, and evaluating in health services organizations.

Includes study of managerial roles, styles, activities, and decision-making, as well as the relationship between management and organizational effectiveness. This course is most useful to students intending to work in the United States.

credit hours: 3

HSMG 6180 Administration of Mental Health Services

Administration of Mental Health Services

credit hours: 3

HSMG 6520 Financial Management

Financial Management

credit hours: 3

HSMG 6750 Information Systems

Information Systems

credit hours: 2

SPHL 6030 Social and Behavioral Aspects of Global Health(Advanced Core)

Social and Behavioral Aspects of Global Health(Advanced Core)

An overview of the contribution of the social and behavioral sciences to health behavior. The course includes examples from the intervention levels of health promotion, health protection, and disease prevention.

credit hours: 3

SPHL 6430 Policy Development and Implementation: Latin America, Africa and Other Developing Economies

Policy Development and Implementation: Latin America, Africa and Other Developing Economies

credit hours: 3

SPHU 1010 Introduction to Public Health: Epidemics, Revolutions, and Response

Introduction to Public Health: Epidemics, Revolutions, and Response

Students will be introduced to the concepts and practice of public health in the US and internationally by tracing its historical evolution. Classic public health problems and their resolution will be discussed in the context of the broad contemporary social environment. The course will introduce current public health practice, including the structure and function of public health organizations in the US and abroad. The course will present health problems created by major social transformations in human history and the societal responses to those problems. As problems and responses are covered, ideas fundamental to public health will be integrated. Students will learn by reading a wide range of classic and modern texts and participation in case studies relevant to the topic.

credit hours: 3

SPHU 1020 The Cell, The Individual, and The Community

The Cell, The Individual, and The Community

This course provides a foundation of knowledge about the human body in health and disease. It gives an overview of important concepts on the biological mechanisms of disease at the cellular, individual, and population/community levels. The course will focus on a natural progression in the development of health and disease, moving from a discussion of the cell, to the individual, and finally, to specific infectious or chronic disease states and processes. The role of the community in public health will be emphasized. This course is designed to provide a good foundation in the mechanisms of health and disease. Furthermore, each lecture will offer insights into current public health topics and research trends. Each lecture will address the following: 1) specific mechanisms of health and disease; 2) topics of special public health importance, and 3) a scientific update on research in the news.

credit hours: 3

SPHU 2016 Evolution, Microbes, and Disease Emergence

Evolution, Microbes, and Disease Emergence

This course covers the basic concepts of infectious disease, dynamics of disease transmission, and the emerging and reemerging infectious diseases from an evolutionary perspective. The course's main focus is on the dynamic nature of host-pathogen relationships and the biological phenomena behind the emergence of new microbial threats. From an initial review of some core evolutionary concepts, the students will progress into detailed discussions on how particular

pathogens evolutionary strategies allow them to establish within human populations. The course encourages a wider conversation on the implications of infectious diseases in the broader context of public health, and challenges students to think creatively about solutions for prevention and control.

credit hours: 3

SPHU 2050 Arthropods and Public Health

Arthropods and Public Health

This course provides a broad introduction to insects and other arthropods that transmit infectious pathogens, or cause problems to humans through infestation or other contact. The impact of arthropods on the history of human civilization and development will be explored, as will their use as food and in art. Arthropod utilization in forensic science and for medicinal purposes will be discussed. Throughout the course the myriad adaptations utilized by arthropods, allowing them to become the most speciose group of animals in existence, will be highlighted.

credit hours: 3

SPHU 2150 Foundations of Environmental Health

Foundations of Environmental Health

This course is designed to provide students with an introduction to and overview of key areas in environmental health. Using the perspectives of the population and community, the course will cover factors associated with the development of environmental health problems. Students will gain an understanding of the interaction of individuals and communities with the environment, the potential impact on health of environmental agents, and specific application of concepts of environmental health. The course consists of lectures that cover principles derived from core environmental health disciplines. The sequence begins with background material and "tools of the trade" (environmental epidemiology, environmental toxicology, and environmental policy and regulation); agents of environmental diseases (e.g., microbial agents, ionizing and nonionizing radiation); and applications and domains of environmental health (e.g., water and air quality, food safety, waste disposal, and occupational health).

Pre-requisites: SPHU1010 and SPHU 1020

credit hours: 3

SPHU 2220 Concepts of Wellness

Concepts of Wellness

This course provides a foundation of knowledge about the wellness movement - personal responsibility, behavior change and risk reduction - to introduce students to the health and wellness-related information they need to thrive in today's world. The course provides a balance among the seven dimensions of wellness while at the same time emphasizing the central roles of physical fitness, nutrition, avoidance of tobacco, and stress management as keys to a healthy life. Additional fitness and wellness topics include body composition, flexibility, safety, drugs, STDs, and chronic diseases. The course also provides scientifically based information on wellness topics, as well as assessment activities and other tools for encouraging behavioral change

credit hours: 3

SPHU 2333 Introduction to Global Maternal and Child Health

Introduction to Global Maternal and Child Health

The course introduces undergraduate students to the complex public health problems that affect women and children in USA and in developing countries. The course will introduce and use the socio-ecological framework and the life-course models to examine factors that determine women

and children's health and disease. The foundation of the course is a comprehensive review of common health issues that affect pregnancy, children, and teenagers worldwide. Programs and policy to address these issues will also be reviewed and discussed in the context of socio-ecological frameworks.

credit hours: 3

SPHU 3010 Foundations of Health Care Systems

Foundations of Health Care Systems

This course introduces and examines the framework of a health care system, taking a particular look at the United States' system. The course examines the relationship between health and health care; public and private financing models; and the delivery of health care, both through public health and traditional medical care. Students will analyze issues related to the "iron triangle" of health care (i.e., cost, quality, and access) and will discuss the future of health care in the United States from management and policy prospective.

credit hours: 3

SPHU 3015 Public Health Program Implementation and Management

Public Health Program Implementation and Management

This course develops practical skills for the design, implementation, and management of public health programs. A solid grounding in personal, financial, and organizational determinants of health and organizational effectiveness will complement the use of practical management tools and techniques such logic model development for program design and implementation. Students will apply these concepts and tools within the context of service delivery and policy-making in the field of public health.

credit hours: 3

SPHU 3020 Knowledge and Information in the Practice of Public Health

Knowledge and Information in the Practice of Public Health

This course provides an overview of how data, information and knowledge are acquired and applied to public health problems. The philosophy of scientific inquiry and systems approaches to problem solving are covered. The course describes the methods by which data are collected, analyzed and applied to public health planning, as well as the measures and statistical tools necessary to assess the importance of public health problems. Students learn to understand and evaluate scientific publications on public health topics.

credit hours: 3

SPHU 3110 Social and Behavioral Perspectives in Public Health

Social and Behavioral Perspectives in Public Health

Students integrate their understanding of public health science in this applied problem-solving course that brings together the social science-based theories and models with techniques of seeking community input. Students go beyond the initial results of data to seek explanations for public health problems using a social ecological framework and public health behavioral theories. This course demonstrates the value of anchoring program planning in the social and behavioral sciences, which lays the groundwork for strong program implementation and evaluations.

credit hours: 3

SPHU 3120 Issues and Strategies in Public Health

Issues and Strategies in Public Health

This seminar-style course is designed to provide students with basic biological and social concepts, control practices, and policies underlying the epidemiology of diseases of global importance. This course investigates how culture, society, and the environment influence disease transmission, risk factors, disease prevention, and health status. The course will be transdisciplinary, emphasizing the connections between the biologic nature of disease and the social, economic and political context that influences prevention and control practices. Examples of health topics that may be addressed are malaria, neglected tropical diseases, diabetes, and vaccine preventable diseases.

credit hours: 3

SPHU 3160 Biostatistics in Public Health

Biostatistics in Public Health

This course provides an overview of various statistical methods used in public health practice and research. Emphasis is on application of appropriate methods and interpretation of results. Examples and problems from public health settings will be included. Various statistical software will be used to analyze data (excel, SPSS and others), but prior computing experience is not required. Topics covered include methods of summarizing data and estimation and hypothesis testing techniques, including the t-test, the chi-square test, the analysis of variance, correlation analysis, and linear regression.

credit hours: 3

SPHU 3170 Foundations in Epidemiology

Foundations in Epidemiology

The undergraduate Epidemiology core course is designed to give students a general introduction to epidemiological concepts and basic tools of the field. The historic and current contributions made through the use of epidemiology in shaping our understanding of disease in populations will be described and investigated. The course will assist the student in establishing a foundation for the definition of and response to, public health challenges in the community as well as the global society. The course will introduce a number of areas of specialization within the field of epidemiology: including infectious and non-infectious diseases and other health issues.

credit hours: 3

SPHU 3200 Nutrition and Chronic Disease

Nutrition and Chronic Disease

This course will provide students the opportunity to explore the complex relationships between diet, obesity and chronic disease outcomes particularly cardiovascular disease and cancer. The emphasis of the course will be through case studies and through the shared experience of experts in various areas. The course will focus on the causal pathway from diet and inactivity to obesity to negative chronic outcomes with over-nutrition being the pivotal mechanism to disease.

credit hours: 3

SPHU 3220 Concepts of Wellness

Concepts of Wellness

This course provides a foundation of knowledge about the wellness movement--personal responsibility, behavior change and risk reduction--to introduce students to the health- and wellness-related information they need to thrive in today's world. The course provides a balance among the seven dimensions of wellness while at the same time emphasizing the central roles of physical fitness, nutrition, avoidance of tobacco, and stress management as keys to a healthy life.

Additional fitness and wellness topics include body composition, flexibility, safety, drugs, STDs, and chronic diseases. The course also provides scientifically based information on wellness topics, as well as assessment activities and other tools for encouraging behavioral change.

credit hours: 3

SPHU 3300 Information Management

Information Management

This course is designed to provide students with an introduction to the basic principles of nutrition. It is recommended for undergraduate students who have not had a prior course in nutritional sciences. It is designed to help students gain basic knowledge about nutrients, with emphasis on their sources, functions, and metabolism in the human body. Other topics include food selection for optimal health, energy balance, and weight control, lifestyle nutrition, diet, and chronic disease, sustainability and local food sources, and world hunger and malnutrition. An additional topic is a comparison of different food systems in exploration factors that contribute sustainability. Semester:

Pre-requisites: SPHU 1010 and SPHU 1020

credit hours: 3

SPHU 4010 Foundations and Formulation of Public Health Policy

Foundations and Formulation of Public Health Policy

Students will be introduced to the nature of health policy and the process by which it is developed. Various approaches to health policy are defined and their rationale considered. The politics of the development of health policy in democratic societies are discussed from both national and international perspectives. The ethics of public health policy are addressed. The course includes modern case studies of important public health issues (e.g., AIDS, smoking prevention, emerging infections such as West Nile Virus) to illustrate the development and application of policy to promote the public health.

credit hours: 3

SPHU 4200 Implementing-Evidence Based Public Health

Implementing-Evidence Based Public Health

This course introduces the student to the scientific, epidemiological, organizational and management skills needed in designing and obtaining funding for an evidence-based public health intervention within an organizational or community setting. Students become familiar with the role and operation of not-for-profit organizations, foundations, national and international government agencies, and the local community in this process. Students learn to access publicly available and electronic information provided by these agencies and organizations. The course illustrates how evidence-based public health is used by funding agencies in developing and awarding grants and by public health providers and community contractors in applying for and receiving them. Emphasis is placed on how evidence-based public health is used in writing grant proposals and students have an opportunity to write a grant proposal as part of the course.

credit hours: 3

SPHU 4210 Health and Environmental Risk Assessment

Health and Environmental Risk Assessment

The course covers the principles of human health and ecological risk assessment. The National Academy of Sciences model framework for risk assessment (hazard identification, dose response assessment, exposure analysis, and risk characterization) is used to explain environmental risks of long-term exposure of humans and wildlife to air pollution and chemicals

in food and drinking water. The interaction of scientific methods with focus on toxicology and regulatory requirements will be reviewed. Case studies focus on current environmental pollution issues such as exposure to lead paint, mercury in fish, arsenic from smelters and petrochemical industrial emissions. Specific topics to be covered detail include: health and ecological effects toxicology and environmental epidemiology; qualitative and quantitative risk assessment methods; cancer risk models; regulatory toxicology; risk communication; reproductive risk assessment; endocrine disruption; different approaches to risk assessment by federal, state and international agencies; political and economic aspects of risk management; information resources, and field trips to state regulatory agencies.

Pre-requisites: SPHU 1010 and SPHU 1020

credit hours: 3

SPHU 4220 Food Safety and Related Sanitary Codes

Food Safety and Related Sanitary Codes

This course addresses the complex food safety issues and deals with the recognition of their components. Diseases transmitted by contaminated food and methods of their control are discussed. The course also familiarizes students with the Sanitary Code and focuses on the section that deals with Eating and Drinking Establishments. Louisiana Sanitary Code will be used as a reference for this course.

credit hours: 3

SPHU 4240 Epidemiology of Sexually Transmitted Infections

Epidemiology of Sexually Transmitted Infections

This course is designed to provide students with the skills to conduct epidemiologic research in HIV and other sexually acquired infections. The first part of the course, we discuss the etiology, treatment, epidemiology and common prevention methods for the most common and/or most serious STIs. In the second part of the course, we will cover the methodological issues of surveillance, study design in the context of clinical and behavioral research. Ethical aspects of conducting research in HIV/STI are also discussed. Students will have hands on practice examining methodological issues by completing four exercises. Finally, we put STIs into context by discussing social, economic and political ramifications of these infections in the world by reviewing two books and one movie that illustrate these concepts.

credit hours: 3

SPHU 4260 Organizational Leadership and Management

Organizational Leadership and Management

Organizational Leadership and Management in Developing Countries is an interdisciplinary course that examines the complex challenges inherent in managing non-profit and government organizations in developing regions. Central to your examination is the role of leadership in managing social, political, and financial influences upon policy decision-making. This course is designed for students intending to work in leadership and management positions at government agencies, international organizations, or non-governmental organizations in the developing world. Within this context, the class focuses on negotiating constraints in policy development and implementation and draws comparatively from experiences in Africa, Asia, Latin America, and the United States.

Pre-requisites: SPHU 1010 and SPHU 1020

credit hours: 3

SPHU 4300 Public Health Communication

Public Health Communication

This course examines the intended and unintended effects of health communication, with specific focus on how the mass media and the Internet stimulate change in knowledge, attitudes, behavior, and subsequent health outcomes. Three health communication foci will be explored: Planned communication campaigns designed specifically to elicit health behavioral change; Traditional mass media's role in influencing health outcomes; And the evolving influence of the Internet on health outcomes. This course examines the linkages between communication effects and various health topics, including smoking/alcohol, sex, diet, and physical activity. By the end of the course, students will understand the theoretical and practical aspects of the linkage between communication and public health and be able to apply such to public health initiatives.

credit hours: 3

SPHU 4320 Introduction to Bioinformatics

Introduction to Bioinformatics

This course is an introduction to bioinformatics methods and tools. Students will learn the terminology, and notations used in bioinformatics and genomics; data storage and retrieval of biological data techniques; methods used to decrypt information encoded by genomes.

Emphasis will be given on the foundation and applications of statistical theory, designs, and analysis as they relate to bioinformatics.

credit hours: 3

SPHU 4330 Introduction to Disasters, Resilience and the International Humanitarian Assistance System

Introduction to Disasters, Resilience and the International Humanitarian Assistance System

This course addresses the field of disaster and international humanitarian studies, trends and recent developments in the field, and strategies to reduce disaster risk. It builds basic concepts and tools that will prepare students to understand humanitarian issues for disaster management. Students will learn to articulate concepts about disasters and the changing patterns of disasters, disaster resilience and international humanitarian response. They will develop a broad view of the key organizations involved in and components of the international humanitarian response system. The course methodology includes case studies of major disasters including the Haiti earthquake of 2010, Hurricane Katrina, the current crisis in Syria, famines in the Horn of Africa, Sahel, Southern Africa and the 2004 Asian Tsunami. Students will gain hands-on experience in computing indicators used to determine the effects of disasters on public health. Guest lecturers from the Centers for Disease Control will participate through tele video-conferencing.

credit hours: 3

SPHU 4400 Bioinformatics and Genomics

Bioinformatics and Genomics

This course is an introduction to basic concepts, principles, methods, and web resources of bioinformatics and genomics. Topics include: genome organization and evolution, scientific publications and archives, information retrieval, alignments and phylogenetic trees, structural bioinformatics and drug discovery, systems biology, metabolic pathways, gene expression and regulation. After taking the course, students will learn the terminology and notations used in bioinformatics and genomics, and grasp basic skills to access, retrieve, and analyze biological data.

credit hours: 3

SPHU 4440 Social Aspects of Infectious Diseases (Summer)

Social Aspects of Infectious Diseases (Summer)

Led by Dr. Latha Rajan, the honors course offered students the opportunity to gain a deeper understanding of the social contexts of infectious diseases including the challenges posed by cultural, governmental and educational policies and practices related to curbing the epidemic of HIV/AIDS in Malaysia. [Click here for more information](#) The school reserves the right to change its rules, regulations, courses, and requirements and to make all such changes applicable to all students, whether new or continuing, when in its sole judgment such changes are deemed necessary.

credit hours: 3

[**SPHU 4560 Capstone**](#)

Capstone

This credit is given to students who complete an approved public service internship, independent research with a public health faculty member, or complete an approved international study program.

Notes: Fulfills the capstone requirement.

credit hours: 3

[**SPHU 4910 Independent Study**](#)

Independent Study

The student will work closely with a faculty member from the department of Environmental Health Sciences. The student and faculty member will craft a research topic together. Students should consult their advisor for assistance.

credit hours: 3

[**SPHU H4990 Honors Thesis**](#)

Honors Thesis

H4990 and H5000 fulfill the capstone requirement.

credit hours: 3

[**SPHU H5000 Honors Thesis**](#)

Honors Thesis

Notes: H4990 and H5000 fulfill the capstone requirement.

credit hours: 3

[**ENHS 6030 Survey of Environmental Health**](#)

Survey of Environmental Health

This course is designed as a survey course which introduces students to basic environmental health topics and it fulfills the school core requirement. The course focuses on environmental factors impacting human health and the environment. Sources of these factors, methods of identification, recognition, evaluation and regulatory framework control are discussed. Factors might include health hazards associated with contaminated water, food and air, vectors of disease, exposure to toxic chemicals, environmental justice, regulations, and safety in the work place. Students are exposed not only to these topics, but also to other factors such as impact of globalization, climate change, deforestation, and general environmental degradation affecting our health and the environment. Since the course is offered to a wide audience consisting of United States and International public health students, environmental health issues pertaining to the United States and developing countries will be addressed.

credit hours: 3

ENHS 7620 Health Risk Management

Health Risk Management

credit hours: 3

EPID 6010 Principles of Epidemiology

Principles of Epidemiology

credit hours: 3

EPID 6030 Epidemiologic Methods

Epidemiologic Methods

The course prepares students to function effectively as mid-level epidemiologists in public health agencies or other settings. The knowledge base and skills that are the focus of this course are fundamental to the scope of work expected of master's degree graduates in epidemiology. The course focuses on epidemiologic approaches to activities that are a routine part of public health practice.

credit hours: 3

EPID 6050 Development of Protocols for Problem Solving

Development of Protocols for Problem Solving

credit hours: 3

EPID 6090 Introduction to Infectious Diseases

Introduction to Infectious Diseases

credit hours: 3

EPID 6100 Introduction to Infectious Diseases

Introduction to Infectious Diseases

credit hours: 3

EPID 6110 Epidemiology of Sexually Transmitted Diseases

Epidemiology of Sexually Transmitted Diseases

credit hours: 3

EPID 6180 Injury Epidemiology

Injury Epidemiology

credit hours: 3

EPID 6210 Cancer Epidemiology

Cancer Epidemiology

credit hours: 3

EPID 6220 Chronic Disease Epidemiology

Chronic Disease Epidemiology

credit hours: 3

EPID 6240 Monitoring and Evaluation in Health Related Systems

Monitoring and Evaluation in Health Related Systems

credit hours: 3

EPID 6250 Vaccine Preventable Diseases

Vaccine Preventable Diseases

credit hours: 3

EPID 6260 Survey Methodology

Survey Methodology

credit hours: 3

EPID 6660 Descriptive Analytic and Biological Methods in Occupational/Environmental Epidemiology

Descriptive Analytic and Biological Methods in Occupational/Environmental Epidemiology

credit hours: 3

EPID 7120 Epidemiologic Methods

Epidemiologic Methods

credit hours: 3

EPID 7140 Field Epidemiology

Field Epidemiology

credit hours: 3

EPID 7200 Epidemiology for Community Surveillance

Epidemiology for Community Surveillance

credit hours: 3

EPID 7210 Epidemiology of Aids

Epidemiology of Aids

credit hours: 3

EPID 7300 Advanced Epidemiologic Methods

Advanced Epidemiologic Methods

credit hours: 3

EPID 7810 Human Molecular Genetics

Human Molecular Genetics

credit hours: 3

EPID 7980 Practicum

Practicum

credit hours: 3

EPID 7990 Special Studies

Special Studies

credit hours: 3

EPID 9980 Master's Research

Master's Research

credit hours: 1

EPID 9990 Dissertation Research

Dissertation Research

credit hours: 2

HEDC 6110 Health Communication Theory and Practice

Health Communication Theory and Practice

credit hours: 3

HEDC 6560 Theories of Behavioral Psychology Applied to Public Health

Theories of Behavioral Psychology Applied to Public Health

credit hours: 3

HEED 6060 Training Methodologies for Health Professionals From Developing Countries

Training Methodologies for Health Professionals From Developing Countries

credit hours: 3

HEED 6090 Social Marketing in Health Education

Social Marketing in Health Education

credit hours: 3

INHL 6040 Health and Economic Development

Health and Economic Development

credit hours: 3

INHL 6050 Current Issues in International Health

Current Issues in International Health

credit hours: 2

INHL 6060 Primary Health Care and Child Survival

Primary Health Care and Child Survival

credit hours: 3

INHL 6070 The Social Impact of AIDS: An Introduction to the Epidemic

The Social Impact of AIDS: An Introduction to the Epidemic

credit hours: 3

INHL 6080 Public Information for Health: Working With Mass Media Internationally

Public Information for Health: Working With Mass Media Internationally

credit hours: 3

INHL 6090 Traditional Medicines and Alternative Therapies

Traditional Medicines and Alternative Therapies

credit hours: 3

INHL 6110 Health Economics for Developing Countries

Health Economics for Developing Countries

credit hours: 3

INHL 6130 Public Nutrition: Policies and Programs

Public Nutrition: Policies and Programs

credit hours: 2

INHL 6150 Public Nutrition and Health in Complex Emergencies

Public Nutrition and Health in Complex Emergencies

credit hours: 2

INHL 6180 Culture and Psychiatry

Culture and Psychiatry

credit hours: 3

INHL 6190 Concepts of Nutrition Science with Applications to International Health and Development

Concepts of Nutrition Science with Applications to International Health and Development

credit hours: 3

INHL 6200 Health Advocacy: Communication and Mobilization

Health Advocacy: Communication and Mobilization

credit hours: 3

INHL 6210 International and Comparative Aspects of Health and Behavior

International and Comparative Aspects of Health and Behavior

credit hours: 3

INHL 6240 Monitoring and Evaluation in International Health

Monitoring and Evaluation in International Health

credit hours: 2

INHL 6260 Formal Qualitative Methods

Formal Qualitative Methods

credit hours: 3

INHL 6270 Dietary Assessment in International Settings

Dietary Assessment in International Settings

credit hours: 3

INHL 6280 Epidemiology of Protein Energy Malnutrition

Epidemiology of Protein Energy Malnutrition

credit hours: 3

INHL 6290 Food Security and Nutritional Risk Assessment

Food Security and Nutritional Risk Assessment

credit hours: 3

INHL 6310 Ethnic conflict and Conflict Resolution with Applications to Health and Development

Ethnic conflict and Conflict Resolution with Applications to Health and Development

credit hours: 3

INHL 6330 Public Psychiatry: History and Trends

Public Psychiatry: History and Trends

credit hours: 3

INHL 6340 Public Mental Health Care Today

Public Mental Health Care Today

credit hours: 3

INHL 6350 Design and Management of Information Systems with International

Applications

Design and Management of Information Systems with International Applications

credit hours: 3

INHL 6400 Decentralized Planning and Management of Primary Health Care Systems in Developing Countries

Decentralized Planning and Management of Primary Health Care Systems in Developing Countries

credit hours: 3

INHL 6420 Epidemiological Approaches to Disaster Mitigation in International Settings

Epidemiological Approaches to Disaster Mitigation in International Settings

credit hours: 3

INHL 6450 Survey Measurement in the International Health, Population and Nutrition Sectors

Survey Measurement in the International Health, Population and Nutrition Sectors

credit hours: 3

INHL 6510 Obstetric Problems in Developing Countries

Obstetric Problems in Developing Countries

credit hours: 3

INHL 6520 Gynecologic Problems in Developing Countries

Gynecologic Problems in Developing Countries

credit hours: 3

INHL 6800 Introduction to Population Studies

Introduction to Population Studies

credit hours: 3

INHL 6810 Methodologies For Evaluating Family Planning Programs

Methodologies For Evaluating Family Planning Programs

credit hours: 3

INHL 6910 Community Development and Civil Society

Community Development and Civil Society

credit hours: 3

INHL 6920 Health and Development: An Applied Perspective

Health and Development: An Applied Perspective

credit hours: 3

INHL 7000 MENTAL HEALTH/MEDICAL ANTHROPOLOGY SEMINAR

MENTAL HEALTH/MEDICAL ANTHROPOLOGY SEMINAR

credit hours: 3

INHL 7020 COMMUNICATIONS RESEARCH FOR FAMILY PLANNING AND HEALTH

COMMUNICATIONS RESEARCH FOR FAMILY PLANNING AND HEALTH

credit hours: 3

INHL 7030 MENTAL HEALTH/MEDICAL ANTHROPOLOGY SEMINAR

MENTAL HEALTH/MEDICAL ANTHROPOLOGY SEMINAR

credit hours: 3

INHL 7090 PUBLIC NUTRITION: ASSESSMENT AND ADVANCED ANALYSIS

PUBLIC NUTRITION: ASSESSMENT AND ADVANCED ANALYSIS

credit hours: 3

INHL 7140 EVALUATION OF FOOD AID AND NUTRITION INTERVENTION PROGRAMS

EVALUATION OF FOOD AID AND NUTRITION INTERVENTION PROGRAMS

credit hours: 3

INHL 7150 ADVANCED EPIDEMIOLOGY OF PROTEIN ENERGY MALNUTRITION

ADVANCED EPIDEMIOLOGY OF PROTEIN ENERGY MALNUTRITION

credit hours: 2

INHL 7200 Development Issues: Theory and Measurement

Development Issues: Theory and Measurement

credit hours: 3

INHL 7250 DEMOGRAPHY FOR DEVELOPING COUNTRIES

DEMOGRAPHY FOR DEVELOPING COUNTRIES

credit hours: 3

INHL 7300 SEMINAR ON INTERNATIONAL ISSUES IN MATERNAL MORTALITY

SEMINAR ON INTERNATIONAL ISSUES IN MATERNAL MORTALITY

credit hours: 2

NTRN 7110 Clinical Nutrition

Clinical Nutrition

credit hours: 3

NTRN 7410 CLINICAL NUTRITION

CLINICAL NUTRITION

credit hours: 3

NTRN 7420 CLINICAL NUTRITION

CLINICAL NUTRITION

credit hours: 3

SPHU 3250 Global Food Security

Global Food Security

This course explores theoretical and practical questions regarding how food production and security has changed over the past 150 years. Issues covered include: What are the regulatory and policy mechanisms that shape domestic food security as it relates to public health? How does food security affect human health and development? Are local/regional food production models a viable healthy alternative to the current national model? This course presents and analyzes the changing world of food security and local food production and its relation to public health.

Pre-requistites: SPUH 1010 and SPUH 1020

credit hours: 3

SPHU 3500 Public Health Approaches to Sexual Violence

Public Health Approaches to Sexual Violence

This course provides an in-depth examination of sexual violence from a public health perspective. Theories of sexual violence, the epidemiology of sexual violence (scope, causes, risk factors, and consequences), and public health approaches to reducing sexual violence will be covered.

Pre-requisites: SPHU 3110

Co-requisites: SPHU 1020

credit hours: 3

SPHU 3600 Women

Women

This 3 credit course is geared toward public health undergraduate students with a strong interest in women and maternal health. The course has two distinct objectives. The first objective is to provide an overview of the pathophysiology of the female reproductive system and a survey of the complications of pregnancy, labor and delivery. The second objective is to explore medical and lay practices related to women gynecological and obstetric health, in USA and worldwide. Existing scientific evidences associated with these practices will be examined, along with ways to reconcile medical authoritative knowledge and women's autonomy.

Pre-requisites: SPHU 1010 and SPHU 1020

credit hours: 3

SPHU 3660 Adverse Childhood Experiences

Adverse Childhood Experiences

The epidemic of violence starts in childhood with impacts across the lifespan. In addition to gaining and understanding of the epidemiology of exposure to childhood violence and its consequences, including the effects on brain development, epigenetics, interpersonal relationships, and society, this unique, multidisciplinary course highlights global and historical perspectives on the etiology of violence and solutions to this public health problem. Interactive technological approaches will be used to gain insight into the current neuroscience related to violence as well as the public health impact of violence across generations. Contemporary approaches to prevention and intervention on behalf of those most impacted and vulnerable to violence will be debated and discussed. Interactive and community-based experiences will provide exposure to legal, psychological, medical, forensic, and neighborhood-based training in addressing adverse childhood experiences. Hands on exposure to assessments of neighborhood factors, stress physiology, genetics, violence risk and interactions with community groups targeting violence prevention at every level will be a core component of this comprehensive course on the problem of violence and the avenues to its solution.

credit hours: 3

SPHU 4160 Introduction to Statistical Packages

Introduction to Statistical Packages

This course covers the elementary concepts and applications for managing and analyzing data using the Statistical Analysis System (SAS) and Stata statistical packages. The course focuses on managing and summarizing hospital admissions and international health data. The concepts covered are applicable to virtually all academic and professional settings. Each lecture begins with a presentation to introduce fundamental mapping concepts and is complemented with hands-on exercises to reinforce technical application. The first part of the course covers SAS applications, and the analog concepts for Stata are covered in the second part of the course.

Pre-requisites: SPHU 3160

credit hours: 3

SPHU 4340 Public Health Genomics

Public Health Genomics

This course is designed to prepare public health students for the study of human health in a post-genome era. Students will learn the molecular basics and the complex issues involved in applying and integrating genomic technology and information into public health. The students will be able to discuss the ethical, legal, and social implications of genomics on public health.

Pre-requisites: SPHU 1010 and SPHU 1020

credit hours: 3

SPHU 4350 Zoonotic Infections, Outbreaks, Emerging and Reemerging Diseases

Zoonotic Infections, Outbreaks, Emerging and Reemerging Diseases

This course provides a foundation of knowledge on the public health consequences of infections originating in vertebrate animals that cross over to humans with or without disease. Topics include: the consequences of animal-transmitted infections on the emergence of new human diseases; adaptation process of animal infections transitioning from animal microbes to become human microbes; human activities, occupational exposures, and medical practices that enable microbial transitions. Students will present reports and follow zoonotic disease outbreaks in real time.

Pre-requisites: SPHU 1010 and SPHU 1020

credit hours: 3

SPHU 4410 Data and Information Management in Public Health

Data and Information Management in Public Health

This course provides students with a full introduction to data and information management. The topics include tools for collecting data; database concepts; data-entry techniques; queries of databases; data quality control; data cleaning, sharing, and reporting; database design; implementation and management of database systems. Hands-on exercises in medicine, biology, and public health are mainly practiced MS Access. Having taken this course, students will be able to design, implement and manage a database system for use in public health.

Pre-requisites: SPHU 1010 and SPHU 1020

credit hours: 3

School of Professional Advancement Courses

BSAC 1110 Elementary Accounting I

Elementary Accounting I

An introduction to the principles of accounting. Topics include: recognition of revenue and expenses for income determination, proper classification of balance sheet items, and income statement and balance sheet preparation. Students learn to prepare adjusting entries, closing entries and worksheet presentations necessary for monthly financial statements. The principle and theories behind the proper accounting treatment of cash, accounts receivable, inventories, prepaid expenses, marketable securities and fixed assets are studied.

credit hours: 3

BSAC 1120 Elementary Accounting II

Elementary Accounting II

Continuation of the study of financial accounting with a detailed study of liabilities and ownership interests for partnerships and corporations. Introduction to statements of changes in financial position, consolidated statements, cost accounting, and the effect of taxes on business decisions.

Pre-requisites: BSAC 1110 or equivalent.

credit hours: 3

BSAC 2200 Special Topics in Accounting

Special Topics in Accounting

credit hours: 3

BSAC 2210 Intermediate Accounting I

Intermediate Accounting I

Review and extension of the complete accounting process, financial statement preparation and accounting for assets. Study and application of accounting theory to problems of classification and valuation in preparation of the balance sheet and income statement.

Pre-requisites: BSAC 1120 or equivalent.

credit hours: 3

BSAC 2220 Intermediate Accounting II

Intermediate Accounting II

Continuation of the study and application of accounting theory to the balance sheet and income statement, including accounting for liabilities and corporate ownership interests, and the flow of funds. Contemporary accounting development and problems.

Pre-requisites: BSAC 1120 or equivalent.

credit hours: 3

BSAC 3310 Cost Accounting

Cost Accounting

A study of the accounting methods and procedures peculiar to manufacturing activities. Emphasis is placed on product costing in accordance with generally accepted accounting principles under various costing methods.

Pre-requisites: BSAC 1120 or equivalent.

credit hours: 3

BSAC 3410 Income Tax

Income Tax

A basic study in federal income tax concepts with emphasis on individual taxation, especially as it relates to income, capital gains, exemptions, credits, and deductions.

Pre-requisites: BASC 1120 or equivalent (intermediate accounting recommended).

credit hours: 3

BSAC 3420 Corporate Tax

Corporate Tax

Continuation of the basic study of federal income tax with emphasis on partnerships, trusts, corporations, and estates.

Pre-requisites: BASC 1120 or equivalent.

credit hours: 3

BSAC 4510 Auditing

Auditing

This course involves the study of the principles of auditing at an intermediate level. Theoretical as well as practical applications are reviewed. These applications are studied at great length in each area of audit responsibility, i.e., requirements for each balance sheet classification and analysis and tests of revenue and expense classifications. Statistical sampling techniques are reviewed. Case studies supplement the lectures, and students create standard and tailored audit programs.

Pre-requisites: BSAC 2210 or 2220 or equivalent.

credit hours: 3

BSAC 5620 Advanced Accounting

Advanced Accounting

Special accounting problems in the area of partnerships, installment and consignment sales, mergers, consolidations, translation of financial statements of foreign affiliates, and accounting for estates, trusts and governmental units.

Pre-requisites: BSAC 2210 or 2220 or equivalent.

credit hours: 3

CPST 1000 Introduction to Microcomputers

Introduction to Microcomputers

This course introduces students to the microcomputer and some popular micro applications. Special attention is given to essential concepts, word processing, spreadsheets, and database management. The course also provides a preface to operating environments such as Windows. Includes hands-on laboratory sessions; currently, Microsoft Office tools are used for this course. Note: This course does not count toward the requirements for a major or minor in Applied Computing Systems and Technology but can be used to satisfy a science distribution requirement for the School of Professional Advancement.

credit hours: 3

CPST 1070 Mathematics for Information Technology

Mathematics for Information Technology

This course provides an introduction to discrete mathematical structures and themes with an emphasis on applications to computing and information technology. It develops analytical skills

used to solve problems concerning the speed and logical structure of computer software, computer hardware, and computer networks. Note: This course does not count toward the requirements for a major or minor in Applied Computing

credit hours: 3

CPST 1200 Fundamentals of Information Systems and Technology

Fundamentals of Information Systems and Technology

This survey course provides a broad foundation in the concepts of modern information systems, information processing, and information technologies. It provides an overview of the key technology components that make up modern information systems and the processes and issues involved in the development of information systems.

credit hours: 3

CPST 1400 Working with the Internet

Working with the Internet

This course acquaints the students with the Internet, its uses and history, and a wide variety of tools and applications for effectively accessing information. Students will have the opportunity to learn classic text-based Internet applications, as well as graphical and multimedia capabilities of the World Wide Web. Coverage of basic technologies (e.g., hardware, protocols, authoring software) is included. Note: This course does not count toward the requirements for a major or minor in Applied Computing Systems and Technology but can be used to satisfy a science distribution requirement for the School of Professional Advancement.

credit hours: 3

CPST 2200 Programming Fundamentals

Programming Fundamentals

This course presents a structured approach to problem analysis, algorithm design and solution implementation in a high level computer language. Students will learn how to analyze problems and represent solutions in pseudo-code. Students will study the basic concepts of programming, internal representation of data, simple data types, searching and sorting techniques.

credit hours: 3

CPST 2300 Database Fundamentals

Database Fundamentals

Introduction to database management systems with an emphasis on relational database concepts, database processing, data modeling, database design, development and implementation. Includes implementation of current DBMS tools and SQL.

Pre-requisites: CPST-2200 or equivalent programming experience.

credit hours: 3

CPST 2400 Webpage Design and Development

Webpage Design and Development

This course goes beyond mere use of the Internet into the tools and techniques needed to successfully publish digital media. Through lectures, class discussions, and hands-on lab work, you will become acquainted with the hardware, software (on workstations, on servers, and on the Internet), and tool management techniques needed to create and maintain web documents and sites. The course includes coverage of HTML and CSS.

credit hours: 3

CPST 3050 Technology and Ethics

Technology and Ethics

This course examines the ethical and social aspects of information technology with emphasis on computing. Pertinent issues include acquisition, access, stewardship, liability, freedom, privacy, control and security. Note: This course can be used to satisfy a School of Professional Advancement Humanities Distribution Requirement.

Pre-requisites: CPST 1200

credit hours: 3

CPST 3220 Object-Oriented Programming with JAVA

Object-Oriented Programming with JAVA

This course presents the fundamentals of the JAVA programming language. Topics include JAVA syntax, data types, design of classes, class libraries, data structures, exception handling, threads, input and output, and applet programming.

Pre-requisites: CPST 2200 or equivalent programming experience.

credit hours: 3

CPST 3230 Programming in C++

Programming in C++

This course presents the fundamentals of the C++ programming language. It covers development of computer-based solutions in C++, using object-oriented and event-driven techniques, and accessing databases with open database connectivity.

Pre-requisites: CPST 2200 or equivalent programming experience.

credit hours: 3

CPST 3240 Visual Application Development

Visual Application Development

This course presents the development of computer based solutions within a visual tool environment using object-oriented and event-driven techniques. It covers fundamental data types and derived data structures of a database engine and the design of effective graphical user interfaces.

Pre-requisites: CPST 2200 or equivalent programming experience.

credit hours: 3

CPST 3250 Human-Computer Interaction

Human-Computer Interaction

This course examines topics related to developing and evaluating user interfaces for interactive computer systems. Topics covered include usability goals and principles, user interface design principles, managing design processes, prototyping and construction, interface metaphors, interaction styles, interaction devices, software tools, user interface builders, evaluation paradigms and techniques, usability testing, user manuals, tutorials, computer-supported collaborative work.

Pre-requisites: 3000 level programming course or equivalent experience.

credit hours: 3

CPST 3310 Relational Database Design and Development

Relational Database Design and Development

This course covers design and development concepts for relational database systems. The students will work on the design and development of a database application by analyzing organizational data needs, model and present those needs using diagrams and specifications,

exploring different database designs, and implementing the design in a working system. Topics include normalization, entity-relationship modeling, database application design, data base processing using internet technology, managing multi-user data bases, accessing the database server, and sharing enterprise data.

Pre-requisites: CPST 2300 or equivalent database experience.

credit hours: 3

CPST 3400 Website Development with XML/XHTML

Website Development with XML/XHTML

This course is designed to provide students with an introduction to programming using XML. Students taking this course should have a working knowledge of HTML and FTP as gained by completing the course Webpage Design and Development course. Students should have a basic understanding of programming concepts and a relational database including relationships of primary and secondary tables via keys and foreign keys. Some sample learning activities are: author XML documents using a given Document Type Definition (DTD); create a DTD; create a CSS and/or XSLT style sheet; create an XML-based information system that brings together the skills learned throughout the course.

Pre-requisites: CPST 2400 or equivalent experience.

credit hours: 3

CPST 3410 Website Development with JavaScript

Website Development with JavaScript

This course provides the opportunity to obtain a solid understanding of some of the tools and techniques, beyond basic HTML, used to publish on the Internet via the World Wide Web. Through online 'lectures' and posted materials, electronic discussions, and hands-on 'lab' work you will become acquainted with the computer hardware, software (both used on your machine and the Net), and programming techniques needed to design, create and maintain fully interactive Web documents and sites. This course will focus primarily on JavaScript programming and some additional advanced techniques and concepts.

Pre-requisites: CPST 2400 or equivalent experience.

credit hours: 3

CPST 3420 Website Development with CGI/Perl

Website Development with CGI/Perl

The tools and techniques, beyond basic HTML, used to publish on the Internet via the World Wide Web. The computer hardware, software and programming techniques needed to design, create and maintain fully interactive Web documents and sites. This course will focus primarily on CGI/Perl programming with some additional advanced techniques and concepts.

Pre-requisites: CPST 2400 or equivalent experience.

credit hours: 3

CPST 3430 Website Development with ASP

Website Development with ASP

This course teaches the fundamentals of programming for Web sites using ASP (Active Server Pages), a popular tool for enhancing home pages. The language is part of Microsoft's Internet development tool effort and may be found on millions of Websites. Students develop ASP based functions and use SQL statements with Access or SQL Server to interface with a small database application using ASP code.

Pre-requisites: CPST 2400 or equivalent experience.

credit hours: 3

CPST 3500 Information Systems Project Management

Information Systems Project Management

This course provides an introduction to the principles and application of project management techniques with an emphasis on the design and management of Information Systems. Topics include project planning, work team design, project estimation techniques, project reporting, identifying and controlling project risks, budgets, and quality assurance.

Pre-requisites: CPST 1200 or equivalent experience.

credit hours: 3

CPST 3550 System Analysis and Design

System Analysis and Design

Examines the concepts, tools, and techniques used to develop and support computer-based information systems. Systems planning, analysis, design, and implementation are covered. Techniques for studying, documenting, specifying, designing, implementing and testing small and/or enterprise-wide business systems. Analysis and design includes structured and object-oriented methods, using CASE tools.

Pre-requisites: CPST 2300 or equivalent experience.

credit hours: 3

CPST 3650 Linux Administration and Linux Security

Linux Administration and Linux Security

This course will provide students with an understanding of how to install, administrate, and maintain a secure Linux server. The course will introduce students to fundamental Linux command-line utilities while applying this knowledge towards more advanced system security principles. This course also provides students with the understandings and skills needed to effectively plan, implement, and deploy Linux technologies for personal or enterprise applications.

Pre-requisites: CPST 3700 or equivalent experience.

credit hours: 3

CPST 3690 Microcomputer Hardware

Microcomputer Hardware

The course provides learning opportunities in the various industry-standard hardware components of microcomputers. It also covers their interconnectivity relationships and fundamental system software. This hands-on course emphasizes managing and maintaining the personal computer components: system board, storage drives (especially hard drives), and peripheral equipment (e.g., video and network cards), managing upgrades, etc.

credit hours: 3

CPST 3700 Networking Fundamentals

Networking Fundamentals

This course covers topics in data communications and various technologies that affect business communications. In addition to learning common networking terminology, students will examine existing and emerging networking standards and architectures. Also covered are operating systems, wiring topologies, communications protocols, LAN-to-LAN interconnectivity and WAN fundamentals. This course is intended to provide a solid foundation for further study of communications and networking.

Pre-requisites: CPST 1200 or equivalent experience.

credit hours: 3

CPST 3900 Fundamentals of Information Security and Assurance

Fundamentals of Information Security and Assurance

This course provides an introduction to technical and administrative aspects of Information Security and Assurance. This course provides the foundation for understanding the key issues associated with protecting information assets, determining the levels of protection and response to security incidents, understanding vulnerabilities and designing a consistent, reasonable information security system with appropriate intrusion detection and reporting features.

Pre-requisites: CPST 3700 or equivalent experience.

credit hours: 3

CPST 3930 Cyber Threats and Cyber Security

Cyber Threats and Cyber Security

'Cyberspace' has become a pervasive presence in modern society, and a healthy functioning cyberspace is essential to our economy and to national security. Along with benefits, however, there exist threats and malicious actors who seek to exploit cyberspace vulnerabilities. This course will study the nature of cyber threats, including computer and digital crimes, information warfare and cyber terrorism, and related threats to personal, organizational, economic and national security. Students will gain an understanding of the variety and nature of cyber threats including digital espionage, computer break-ins, computer hacking, viruses, communications eavesdropping, forgery, disruption to information flow, electronic bombs and the growing presence of terrorist organizations on the Internet, and how the Internet is used to further terrorist activities. The course will also cover countermeasures to cyber threats; cyber-security investigations, evidence gathering, and legal challenges; and current and national policies for securing cyberspace and the impact of cyber security on privacy and civil liberties.

Pre-requisites: CPST 3900 or HMLS 3600, or equivalent experience.

credit hours: 3

CPST 4250 Integrated Application Development

Integrated Application Development

This course focuses on using tools to develop a Web based integrated business application utilizing a relational database. Based on requirements identified in a business case, database structures will be implemented and GUI web pages will be developed to satisfy the business functionality.

Pre-requisites: CPST 3250 and CPST 3310 or equivalent experience.

credit hours: 3

CPST 4320 Business Intelligence

Business Intelligence

This course introduces students to structures and techniques used to transform data into information for decision-making. Business intelligence is an increasingly important part of both small and large organizations, as well as government. Business intelligence can be used across a wide spectrum of enterprises, such as health care, exploration, security, identifying markets, predicting behavior and forecasting demand. The materials in this course are designed to give the student important new tools to assist in business decision making, whether this involves identifying new markets, extracting data to better understand current markets and forecasting demand using simple statistical methodologies.

Pre-requisites: CPST 2300 or equivalent experience.

credit hours: 3

CPST 4350 Database Administration

Database Administration

This course provides the student with a fundamental understanding of the tasks and issues associated with database administration. Topics and activities include: installation and management of a database system; ensuring data integrity; managing users, privileges, and resources, implementing of basic backup and recovery procedures and identifying tuning opportunities. Students will work in a lab environment to install a database management system, and will then work their way through a series of crucial system-side activities to learn the various tasks of a database administrator.

Pre-requisites: CPST 2300

credit hours: 3

CPST 4450 Multimedia Website Development

Multimedia Website Development

This course provides understandings and skills with some of the tools and techniques of designing, developing and publishing multimedia components on the Internet via the World Wide Web. Students become acquainted with the computer hardware, software (both used on the desktop and the Net), and programming techniques needed to design, create and maintain fully multimedia Web documents and sites. This course will primarily focus on sound, video, and animation component development and publishing. The course relies primarily on plug-ins.

Pre-requisites: CPST 2400 or equivalent experience.

credit hours: 3

CPST 4500 System Requirements Development and Testing

System Requirements Development and Testing

This course provides a study of concepts and techniques for planning and developing high quality information systems. Fundamentals of specification (including formal models and representations, documents, and standards) are examined. Methods of specifying and developing requirement for generating information systems are discussed. It covers the tools, methods, and current practices for assessing the quality and correctness of information systems. Topics include the roles of testing and formal verification, fundamentals and formal models of program verification, planning and documentation for quality assurance, methods of performing technical reviews, strategies of system testing and integration planning, and principles and practices used in conducting tests. Projects using these techniques are included.

Pre-requisites: CPST 3550 or equivalent experience.

credit hours: 3

CPST 4550 Applied Systems Analysis

Applied Systems Analysis

This course provides for the application of Information Systems concepts to a comprehensive group project for the planning, development and implementation of an information system. Management planning, scheduling, and reporting are required. Documentation to include feasibility studies, alternative implementation strategies, programming, testing and users manuals. Appropriate computer assisted software engineering tools are used throughout the project from requirement specification to implementation and testing.

Pre-requisites: CPST 3550 or equivalent experience.

credit hours: 3

CPST 4610 Network Administration

Network Administration

This course is designed to prepare the student for the challenges faced by network administrators, helpdesk technicians, and network analysts. Individuals working in these areas have the responsibility for installing and maintaining local area networks based on Microsoft Windows and other network operating systems. This course provides hands-on experience planning, deploying, and administering a network using Microsoft Windows Server based systems.

Pre-requisites: CPST 3600 and CPST 3700 or equivalent experience.

credit hours: 3

CPST 4640 TCP/IP Protocol

TCP/IP Protocol

This course will focus primarily on the TCP/IP protocol suite and a set of related network services. It is designed to help students understand networks that use TCP/IP, the suite of protocols that is used today for the Internet and most modern networks.

Pre-requisites: CPST 3700 or equivalent experience.

credit hours: 3

CPST 4650 UNIX Systems Administration

UNIX Systems Administration

The Solaris Operating System (Solaris OS) is the foundation on which some of the world's leading companies are built. Offering high levels of reliability, availability, security, and scalability. Solaris systems meet today's demands while anticipating tomorrow's innovation. The objective of this course is to provide a comprehensive understanding of the administrative aspects of the Solaris operating system. At the end of the course students will have the skills required to administer a Solaris system, including user management, disk management, backing up procedures, startup and shutdown procedures, and process management. The course provides students with the opportunity to integrate and apply administration in a comprehensive manner indicative of Information Technology programs of study.

Pre-requisites: CPST 3650 or equivalent experience.

credit hours: 3

CPST 4670 Advanced Network Administration

Advanced Network Administration

This course is designed to familiarize students with the skills needed to administer a Microsoft network in the enterprise. The course provides an in-depth look at the features of Active Directory, including Group Policy, scripting, replication, and disaster recovery, plus the use of Exchange Server in the enterprise for reliable messaging services.

Pre-requisites: CPST 4610 or equivalent experience.

credit hours: 3

CPST 4700 Wide Area Networks

Wide Area Networks

This course examines wide area network architecture and its protocols. Topics include analog and digital transmission, error correction and detection, data link protocols, multiplexing and switching, xDSL, cable networks, copper and optical media, Ethernet, fast Ethernet, Gigabit

Ethernet, wireless LANs, ISDN and various routing protocols.

Pre-requisites: CPST 3700 or equivalent experience.

credit hours: 3

CPST 4710 Managing a Network Infrastructure

Managing a Network Infrastructure

This course is designed to help students learn how to design, implement and maintaining a network infrastructure, including topics such as the Dynamic Host Configuration Protocol (DHCP), Windows Internet Name Server (WINS), Domain Naming System (DNS), Remote Access and Virtual Private Networking (VPN).

Pre-requisites: CPST 4610 and CPST 4640 or equivalent experience.

credit hours: 3

CPST 4750 IP Routing and Switching

IP Routing and Switching

The TCP/IP suite of protocols is the standard for multi-vendor connectivity within corporations and serves as the basis for internet connectivity. This course focuses on Internet communications architecture and the internetworking between autonomous systems that is facilitated by IP routing. Layer 2 and Layer 3 (IP Switching) architectures will also be examined in relation to interLAN and VLAN routing.

Pre-requisites: CPST 3700 or equivalent experience.

credit hours: 3

CPST 4810 Windows Security

Windows Security

In this course, students learn to apply security industry best practices and to harden the Windows operating system in a variety of configurations and roles. Students learn how to protect Windowsbased systems from attacks, reconfigure the operating system to fully protect it, and scan hosts for known security problems. By the end of the course, students have a solid understanding of the security architectures used by Windows operating systems.

Pre-requisites: CPST 3900 and CPST 4610 or equivalent experience

credit hours: 3

CPST 4850 Penetration Testing

Penetration Testing

This course provides an introduction to computer and network security penetration testing techniques, tools, and methodologies. It will provide an overview of activities that are used during the planning, reconnaissance, scanning, exploitation, post-exploitation, and reporting phases of a penetration testing process.

Pre-requisites: CPST 3900 and CPST 3650 or equivalent experience

credit hours: 3

CPST 4870 System Forensics, Investigation, and Response

System Forensics, Investigation, and Response

This course covers the investigation and response to cyber-attacks. Computer system attacks and crimes require computer forensics specialists. The goal of computer forensics is to examine digital media in a forensically sound manner with the aim of identifying, preserving, recovering, analyzing and presenting facts and opinions about the digital information. The technologies and processes to address computer system threats are unique. Government and corporate computer

systems are all experiencing an increased in computer attacks. The ability of forensics experts to evaluate evidence, determine the impact, and respond to each threat is essential in any cyber security posture. This course will provide an overview of the forensics analysis skills, forensics tools and techniques, and forensic lab practices. Methods of planning and implementing a practical cyber security forensics approach for information systems are discussed. Evidence from computer forensics investigations is usually subjected to the same guidelines and practices of other digital evidence. It has been used in a number of high-profile cases and is becoming widely accepted as reliable within U.S. and European court systems. Case studies and subject matter experts using computer system forensics are included in the course.

Pre-requisites: CPST 3900 or equivalent experience

credit hours: 3

CPST 4900 Advanced Computer Security

Advanced Computer Security

This course is an advanced study in the field of Information Security by virtue of System Security. Various threats to an information system and the security techniques used to fight them are covered. Hacker methods, viruses, worms, bombs, and system vulnerabilities are described, with actions that must be taken to thwart them. Existing and planned protection methods and defenses are mapped to the information system threats and attacks.

Pre-requisites: CPST 3900 or equivalent experience

credit hours: 3

CPST 4930 Network Security, Firewalls, and VPNs

Network Security, Firewalls, and VPNs

This course is designed to provide fundamental skills needed to analyze the internal and external security threats against a network, and to develop a security posture that will protect an information of an organization. Network defense and countermeasures provides a guide to perimeter defense fundamentals, security planning, well-designed security policies, and integrated support from anti-virus software, intrusion detection systems, and related tools such as network address translation (NAT), packet filtering and analysis, proxy servers, virtual private networks (VPN), and network traffic signatures. Firewalls are among the best-known network security tools in use today and are most effective when backed by thoughtful security planning.

Pre-requisites: CPST 4610 or equivalent experience.

credit hours: 3

CPST 4950 Website Security

Website Security

This course is designed to provide students with an introduction to Website security and privacy issues. Students will understand how to identify security/privacy issues, recognize security issues involving JAVA, the Internet and email. Students will also explore techniques and best practices for limiting risk.

Pre-requisites: CPST 2400 and CPST 3900 or equivalent experience.

credit hours: 3

CPST 6320 Business Intelligence

Business Intelligence

This course is designed as an upper level undergraduate and graduate level course. This course introduces students to structures and techniques used to transform data into information for decision-making. Business intelligence is an increasingly important part of both small and large

organizations, as well as government. Business intelligence can be used across a wide spectrum of enterprises, such as health care, exploration, security, identifying markets, predicting behavior and forecasting demand. The materials in this course are designed to give the student important new tools to assist in business decision making, whether this involves identifying new markets, extracting data to better understand current markets and forecasting demand using simple statistical methodologies.

Pre-requisites: Admission to the MPS for Computing Technologies degree program.

credit hours: 3

CPST 6500 Systems Requirements Development and Testing

Systems Requirements Development and Testing

This course provides a study of concepts and techniques for planning and developing high quality requirements management processes and hardware/software testing processes. Fundamentals of requirements analysis are examined, highlighting the importance and value of good requirements. Methods of planning and implementing a practical requirements gathering approach for information systems are discussed. Testing roles, techniques, and processes will be covered and it will be shown where and how the software testing process fits into the overall development methodology. Formal models of program verification, planning and documentation for quality assurance and methods of performing technical reviews will also be detailed. Strategies of system testing and integration planning including principles and practices used in conducting tests will be covered. Subject matter experts will be brought in to share with the class project examples and how they use these requirements management and test techniques in these projects.

Pre-requisites: Admission to the MPS for Computing Technologies degree program.

credit hours: 3

CPST 6501 IT Project Management

IT Project Management

This course provides an exploration into the tools and techniques of project management as they relate to information technology (IT) projects and software development. The course concepts adhere to the Project Management Body of Knowledge (R) (PMBOK(R)) description of best practices, and it covers the project management life cycle with its processes of initiating, planning, executing, monitoring and controlling the project. Emphasis is placed on areas of project planning and project management that are unique to software development projects and other IT projects.

Pre-requisites: Admission to the MPS for Computing Technologies degree program.

credit hours: 3

CPST 7000 IT Governance and Policy

IT Governance and Policy

The managing of information has become critical to the success of a business or enterprise and the governance of the Information technology (IT) resource has become an integral part of most organizations and is fundamental to support, operate, sustain, innovate and grow a business. IT Governance focuses on delivering value to the business by the proper management of the IT resource. It is an integrated approach consisting of the leadership, organizational structures and processes that ensures the effective alignment of IT with the organizations strategies and objectives. This course presents an inter-disciplinary approach to IT Governance. In the course students will learn about specific objectives of IT Governance, along with standards, frameworks, tools and techniques used in the planning, deploying, managing, monitoring, measuring and

sustaining a successful IT governance plan. The course leverages and integrates current and emerging industry best practices, standards, guidelines and governance case studies.

Pre-requisites: Admission to the MPS for Computing Technologies degree program.

credit hours: 3

CPST 7100 Managing the IT Department

Managing the IT Department

This course is designed for graduate students who are, or aspire to be, either business managers or Information Systems (IS) managers, as well as those who are, or aspire to be, primarily technology specialists who will work in and for different types of businesses including consultant firms and other firms competing in an information technology (IT) services industry. This course presents the tools necessary to best exploit information technology. By using case studies and the coverage of the key technology issues it will provide a perspective on how to evaluate the IS organization, and how to be a partner in managing data, information, and systems. It will prepare the student to be effective exploiters of computing technologies now and in the future by focusing on the information technology resources that organizations need and providing alternative approaches to managing them. Students will study the opportunities and pitfalls provided by these technologies and what they need to know to manage and make effective use of these technologies.

Pre-requisites: Admission to the MPS for Computing Technologies degree program.

credit hours: 3

CPST 7150 The Business of Information Technology

The Business of Information Technology

The goal of this course is to provide IT Management candidates with the experience in handling business processes that are necessary to successfully manage the business aspects of Information Technology. It covers business concepts and processes that are particularly germane to the management and use of Information Technology. These processes include Accounting and Finance, Human Capital and Payroll, Budget, Contract Management, Requests for Proposals, Statements of Work, and Service Level Agreements.

Pre-requisites: Admission to the MPS for Computing Technologies degree program.

credit hours: 3

CPST 7200 Enterprise Architecture Software

Enterprise Architecture Software

The goal of this course is to prepare Chief Information Officers and Chief Technology officers and senior managers with progressive approaches for state-of-the-art Information Technology (IT) infrastructures. IT systems exist in an abstraction of an Operating Environment with identifiable system capabilities, physical properties, characteristics, strategies, tactics, security, and sometimes luck. This course addresses Enterprise Software Architecture (ESA) and will identify multiple Systems of Interest (SOI). An analysis of two SOI fundamental types of behavior will be studied and hierarchical and peer level interactions of software. An understanding and adoption of ESA will maximize successful implementation, minimize risk, simplify operations, and insure compliance with regulatory requirements.

Pre-requisites: Admission to the MPS for Computing Technologies degree program.

credit hours: 3

CPST 7250 Software Development Methodologies

Software Development Methodologies

A Software Development Methodology is a framework that is used to structure, plan, and control the process of developing an information system - this includes the pre-definition of specific deliverables and artifacts that are created and completed by a project team to develop or maintain an application. A wide variety of such frameworks have evolved over the years, each with its own recognized strengths and weaknesses. This course explores the many methodologies available for developing software. The business culture and requirements are presented as the center for evaluation of the most effective mix of methodologies for a specific development project. Students will study the software lifecycle from the identification of a need to the retirement of the software product that satisfies that need. They will learn about the strength and weakness of the various development methodologies and the appropriate situations in which to use them.

Pre-requisites: Admission to the MPS for Computing Technologies degree program.

credit hours: 3

CPST 7600 Enterprise Architecture Hardware

Enterprise Architecture Hardware

Enterprise Hardware Architecture (EHA) maximizes business functionality, minimizes risk, simplifies operations, and complies with regulatory requirements. This course will provide students with the knowledge to build an open/standards-based Enterprise Hardware Architecture that utilizes virtualization of servers, storage area networks (SAN), and network capabilities. Utility servers/appliances, multi-tier server environments, and cloud architecture will be researched and presented in the course. Key performance parameters, such as security, redundancy, reliability, maintainability, and availability, will be major considerations in the designs. A decision based approach and iterative improvement processes based on service fulfillment and technology trends will be utilized by students to design individual class projects.

Pre-requisites: Admission to the MPS for Computing Technologies degree program.

credit hours: 3

CPST 7800 Legal Issues in Information Technology

Legal Issues in Information Technology

This course is designed to analyze legal issues related to the management of information in contexts in which information professionals are likely to be involved. In an age defined by information, knowledge of the legal issues that establish how information is required to be protected, maintained, collected, stored, and accessed is extremely important. Information Security policies must be evaluated in light of current laws and regulations. This course will provide an overview of some of the most important legal issues in managing information so that students will be able to apply the information to particular professional situations that they may encounter. Topics will include such issues as US and international jurisdiction, computer security, intellectual property, electronic commerce, information privacy, freedom of expression, and cyber-crime. Included are analyses of significant legal case studies plus review of applicable federal and state legislation as applied to compliance of standards such as those found in the Health Insurance Portability and Accountability Act (HIPPA), Sarbanes Oxley, the Federal Information Security Management Act (FISMA), and the National Institute of Standards and Technology, Minimum Security Requirements for Federal Information and Information Systems (FIPS 200).

Pre-requisites: Admission to the MPS for Computing Technologies degree program.

credit hours: 3

CPST 7850 Healthcare Informatics

Healthcare Informatics

Medical practitioners and healthcare delivery organizations face formidable administrative and technical challenges in the management of patient health and wellness, accurate and timely diagnosis of illness, and the determination and delivery of appropriate care and treatment. Information technology (IT) can play a key role in mitigating these challenges and thereby enabling healthcare performance transformation. Implementation of application and integration middleware (AIM), interoperable with analytics and accessible in real-time at the point of care and elsewhere, is the most cost-effective IT approach. This course explores the many issues and barriers faced by those IT professionals who are working to implement Health Information Systems.

Pre-requisites: Admission to the MPS for Computing Technologies degree program.

credit hours: 3

CPST 7900 Computer Security

Computer Security

This course provides an overview of the need for, and the technology, algorithms, and standards used in providing computer and communications security. It is concerned with the fundamentals of computer security. Topics in this class can be divided into three main parts: cryptography (with a focus on single-key and public key); computer system security (database and operating systems issues including authentication, access control, malicious software, and network security (including intrusion prevention/firewalls, intrusion detection, Denial of Service attacks, etc.); and the develop of secure programs and applications.

Pre-requisites: Admission to the MPS for Computing Technologies degree program.

credit hours: 3

CSAR 1310 Louisiana Architecture, 1700-1865

Louisiana Architecture, 1700-1865

Architecture in Louisiana from colonial to early Victorian period, as seen in the work of important architects and builders and in vernacular construction. The planning of towns and forts is examined, especially in New Orleans. The course illustrates the development in the 18th century of the distinctive Louisiana Colonial style, its mingling with styles introduced from the East Coast after the Louisiana Purchase, and the gradual dominance in the mid-19th century of international Anglo-American styles. The effects on architecture of climate, natural resources, early industrialism and the rich ethnic mix of Louisiana are considered. Field trips to the Vieux Carre, plantations and the Garden District are scheduled. Previous experience in courses using slide presentations is useful.

credit hours: 3

CSAR 1320 New Orleans Architecture

New Orleans Architecture

Architecture in New Orleans, from Native American to contemporary times, will be investigated. Regional, national, and international influence on local architectural heritage will be examined. The designs of prominent local architects and builders will be explored, as well as the vernacular forms of architectural styles found throughout New Orleans.

credit hours: 3

BSBL 2200 Special Topics in Business Law

Special Topics in Business Law

credit hours: 3

BSBL 3400 Legal Aspects of Business

Legal Aspects of Business

A practical approach to law as it affects the business person and the consumer. The primary focus is on the laws of contracts; the requirements and the rights and obligations they create. The relief granted to debtors through bankruptcy and the resulting detriment to creditors are studied with emphasis on precautionary measures. Finally, the consequences of willful or negligent acts are carefully treated.

credit hours: 3

BSBL 3450 Commercial Law

Commercial Law

This course is designed to show students the connection between law and business; give students basic knowledge of the fundamental concepts, principles, and rules of law that apply to business transactions, especially in the areas covered by the La. CPA examination; and to develop the ability to apply this knowledge to specific situations with good judgment.

credit hours: 3

CRST 1110 Elementary Accounting/Casino Resort Studies

Elementary Accounting/Casino Resort Studies

This course serves as an introduction to the principles of accounting that uses the casino resort industry as examples. Topics include: recognition of revenue and expenses for income determination, proper classification of balance-sheet items, and income statement and balance-sheet preparation. Students learn to prepare adjusting entries, closing entries and worksheet presentations necessary for monthly financial statements. The principles and theories behind the proper accounting treatment of cash, accounts receivable, inventories, prepaid expenses, marketable securities and fixed assets are studied.

credit hours: 3

CRST 1250 Introduction to Casino Resort Studies

Introduction to Casino Resort Studies

The course is an introduction to the growing casino resort industry. It will integrate the knowledge required to operate and manage the multidimensional business of a Casino Resort to include: gaming operations, hotel operations, food and beverage operations, marketing, retail operations, and financial controls.

credit hours: 3

CRST 2210 Casino Resort Financial Accounting

Casino Resort Financial Accounting

An introduction to the principles of accounting that uses the casino resort industry and hospitality accounting principles and practices pursuant to the industry's uniform systems. Topics include: theories, practices underlying the accounting process, recording of business transactions, basic balance sheet and income statement preparation, adjusting and closing entries, calculation of accrued expenses and depreciation, inventory valuation and bank reconciliations, accounting for partnerships and corporations, preparing the statement of cash flow and the analysis and interpretation of financial statements.

Pre-requisites: CRST 1250

credit hours: 3

CRST 2240 Casino Resort Food and Beverage

Casino Resort Food and Beverage

During this course the student will study the food and beverage department of a large casino resort and how it is managed. Of particular importance is how the casino views its food and beverage service in relationship to the image of customer satisfaction that the casino is striving for.

Pre-requisites: CRST 1250

credit hours: 3

CRST 2250 Casino Resort Marketing

Casino Resort Marketing

This course helps students to develop an understanding of marketing management, the process through which organizations analyze, plan, implement and control programs to develop and maintain beneficial exchanges with target buyers. Effective marketing management is critical for long-term success of any casino resort complex, because this function ensures that the firm attracts, retains and grows customers by creating, delivering, and communicating superior customer value. In this course students will learn how to: evaluate the marketing environment, analyze and identify market opportunities, define and select target customers, plan marketing programs and learn about the 4-P's of marketing and implementing and controlling marketing plans.

Notes: Counts as MKET 3200 Introduction to Marketing.

credit hours: 3

CRST 3030 Casino Resort Information Systems

Casino Resort Information Systems

This course provides an overview of information systems with applications of how it is used in the casino industry. Of particular interest is the tracking of monies, hotel rooms, patron identifications, and game operations.

Notes: Counts as the computer requirement.

Pre-requisites: CRST 2210 and suggest CRST 3410.

credit hours: 3

CRST 3110 Addictive Behavior and Gambling

Addictive Behavior and Gambling

This course will provide students with information on addictive behaviors that a small percentage of casino guests develop related to their gambling. Topics covered include history of gambling, language of the gambler, recognition of problem and compulsive gamblers, alcohol, drugs, cultural aspects, family involvement, ethical issues, and intervention on the problem gambler. Also covered are treatment programs, and how they work for problem gamblers.

credit hours: 3

CRST 3150 Casino Resort Impact on Social Aspects

Casino Resort Impact on Social Aspects

After taking this course, the student should demonstrate an understanding of the basic history and major social impacts of the casino industry on individuals, communities, the state and local economies, and regulatory agencies.

credit hours: 3

CRST 3380 Business Ethics

Business Ethics

This course is a theoretical critique and case-oriented analysis of the moral, ethical, and value issues that challenge business, industry, and corporate life with a view toward discovering ethical principles and strategies applicable to the management process.

Pre-requisites: 2310 or approval of instructor.

credit hours: 3

CRST 3410 Casino Resort Financial Controls

Casino Resort Financial Controls

The course integrates the areas of financial accounting and finance and applies the interpretive and analytical skills of each to casino resort situations. Topics include current asset management, interpretation of financial statements and operating reports, budgeting and forecasting methods, short-term financing, capital budgeting, long-term financing, operating agreements, capital investment analysis, financial feasibility, project and general financing, valuation techniques, and measuring value for stakeholders. Examples will be drawn exclusively from the casino resort industry.

Pre-requisites: CRST 2210 or BSAC 1110, and CRST 2250.

credit hours: 3

CRST 3420 Managing Troubled Employees in Casino Resorts

Managing Troubled Employees in Casino Resorts

This course deals with the problem of handling sexual harassment, drug abuse and violent behavior in a casino from the perspective of the HR department. In addition, the course helps front line managers deal with the problems in a positive and effective manner.

Notes: Counts as a Human Resource elective.

credit hours: 3

CRST 3910 Casino Resort Customer Service

Casino Resort Customer Service

The course introduces service operations management and operations research methods appropriate for the casino resort industry. The methods, which are based on principles of scientific management, are applied using examples drawn from common operational situations. The evaluation, design, and management of casino resort service delivery systems through operations management topics from a service perspective. Included are other related topics such as customer satisfaction and managing organizational change. The overriding goal of the class is to provide students with the skills and understanding necessary for decision making using quantitative data. Examples will be drawn exclusively from the casino resort industry and focus on providing excellent customer service and measurement of such delivery systems.

Pre-requisites: CRST 2250.

credit hours: 3

CRST 4010 Special Topics

Special Topics

This course number reserved for special topics in casino resort management.

Pre-requisites: CRST 1250.

credit hours: 3

CRST 4070 Casino Resort Leadership and Group Dynamics

Casino Resort Leadership and Group Dynamics

This course focuses on leadership and managing people in a casino resort. Students develop

theoretic lenses for understanding people and group dynamics in organizations, and practical tools for accomplishing personal and organizational goals. Topics include: individual differences, conflict management, problem-solving, power and influence, motivation, leadership, coaching and counseling, and group process. Students learn through the case method, self-assessments, experiential exercises, readings, discussions, papers, and group activities.

Pre-requisites: Senior and at least four CRST core courses.

credit hours: 3

CRST 4100 Casino Resort, Security and Surveillance

Casino Resort, Security and Surveillance

Analysis of contemporary security and surveillance concerns specific to the casino resort industry: encompassing casino operations, lodging, food and beverage spa and clubs, retailing, and medical service. Includes development of security department organization, surveillance operations, fraud analysis, risk management, asset protection, loss prevention, disaster control, crisis communications, industrial safety, casino security and emergency action planning.

Pre-requisites: CRST 1250.

credit hours: 3

CRST 4400 Casino Resort Operation Integration

Casino Resort Operation Integration

This course presents a view of how the individual operating components of the casino resort are integrated into a single profit center. The class will examine functions that overlap and impact the casino resort as a whole. In a reverse perspective, the contribution of each component to the whole will be assessed. How does the component add to the overall attraction of casino resort and what is the financial contribution of each operation?

Pre-requisites: CRST 2210, CRST 3410

credit hours: 3

CRST 4500 Internship

Internship

This course is to be taken during the last semester that a student attends school to complete their associate's degree in casino resort studies. During this course, a student will work at a casino under the supervision of the management at the casino and keep a journal of this experience. The student will also be required to create a polished resume and consider strategies for finding employment in the particular area of a casino that they would enjoy working in.

Pre-requisites: Senior and taken in last year of study (must have at least 5 core courses completed).

credit hours: 3-4

DDSN 1100 Digital Design Foundations

Digital Design Foundations

This studio course involves inquiry into the nature of the graphic design, game art & animation, and interactive fields. Topics introduced in this course are color theory for print and the screen, file types, design terminology, project workflow, aesthetics, visual concepts, typography and Adobe software fundamentals. The course also introduces students to oral and written communication for design practices, presentation techniques and the client-designer relationship. Lectures, readings, class demonstrations, group exercises and writing assignments are used.

Notes: Digital Design Track

credit hours: 3

DDSN 1101 Digital Imaging

Digital Imaging

This studio course explores raster image-making in the digital platform while creating historical and practical connections between technology and creative problem solving. Topics introduced in this course are the Adobe Photoshop and Lightroom interfaces, photo manipulation, historical perspectives in digital imaging, digital painting, digital darkroom techniques and preparation of digital images for various media. Additionally, students engage in written and verbal communication for ideation and presentation. Lectures, readings, class demonstrations, group exercises and writing assignments are used.

Notes: Digital Design Track

Pre-requisites: DDSN 1100

credit hours: 3

DDSN 1102 Digital Illustration

Digital Illustration

This studio course explores illustration in the digital platform while creating historical and practical connections between technology and creative problem solving. Topics introduced in this course are the Adobe Illustrator interface, illustration tools and techniques, color, photo-realism, historical perspectives in digital illustration and challenges within the digital interface. Additionally, students engage in written and verbal communication for ideation and presentation. Lectures, readings, class demonstrations, group exercises and writing assignments are used.

Notes: Digital Design Track

Pre-requisites: DDSN 1100

credit hours: 3

DDSN 1400 Typography Studio I

Typography Studio I

This studio course examines typography from historical and practical perspectives while creating connections between type as a communication tool and type as visual expression. Topics introduced in this course are the history of type, type anatomy, classifications, terminology, type setting for the screen versus print, rules of typography, hierarchy and formalism. Additionally, students engage in written and verbal communication for ideation and presentation. Lectures, readings, class demonstrations, group exercises and writing assignments are used.

Notes: Graphic Design Track

Pre-requisites: DDSN 1100, DDSN 1101, DDSN 1102

credit hours: 3

DDSN 1401 History of Graphic Design

History of Graphic Design

This studio course examines the history of graphic design from 15,000 B.C. through the invention of writing to present day composition and strictly follows Meggs

Notes: Graphic Design Track

Pre-requisites: DDSN 1100, DDSN 1101, DDSN 1102

credit hours: 3

DDSN 1500 Digital Art Studio I

Digital Art Studio I

This studio course uses digital imaging software, Adobe Photoshop, to create masterfully rendered works with manipulation and realism in mind. Students will apply Photoshop knowledge to advanced imaging and rendering techniques and create digital painting and photo manipulation compositions.

Notes: Game Art and Animation Track

Pre-requisites: DDSN 1100

credit hours: 3

DDSN 1501 Digital Anatomy for Game Art and Animation

Digital Anatomy for Game Art and Animation

This studio course explores traditional fine art drawing paired with digital drawing techniques. Students will apply understanding of anatomy to character development for games and animation. Students will analyze landscape proportions, surface features of human figure and digital anatomic features for image making. Students will then apply digital Zbrush techniques to achieve rendering outcomes.

Notes: Game Art and Animation Track

Pre-requisites: DDSN 1100, 1500

credit hours: 3

DDSN 1502 Digital Art Studio II - Concept Art

Digital Art Studio II - Concept Art

This studio course explores design intentions and execution for masterful concept art. Students will create designs for production, silhouette establishing shots, rapid idea generation, iconic characters and environments. Students will create professional written and verbal presentations for portfolio-ready printed works.

Notes: Game Art and Animation Track

Pre-requisites: DDSN 1100, DDSN 1500, DDSN 1501

credit hours: 3

DDSN 1503 3D Virtual Sculpting

3D Virtual Sculpting

This studio courses explores virtual sculpting software and techniques to create three-dimensional organic models. Students will understand and apply virtual sculpting techniques in the Zbrush interface using organic models.

Notes: Game Art and Animation Track

Pre-requisites: DDSN 1100, 1500, 1501, 1502

credit hours: 3

DDSN 1504 Modeling Studio I - Environmental Modeling

Modeling Studio I - Environmental Modeling

This studio course uses the Maya interface to master three-dimensional model techniques for hard surface and architecture using UV and texture maps.

Notes: Game Art and Animation Track

Pre-requisites: DDSN 1100, 1500, 1501, 1502, 1503

credit hours: 3

DDSN 1505 Animation Studio I - Introduction to Animation

Animation Studio I - Introduction to Animation

This studio courses introduces animation techniques, methods and software. Students will

evaluate animation methods and software and create basic animation movements and loops. Students are expected to understand and apply basic levels of rigging and weighting, basic skeleton and walk cycles.

Pre-requisites: DDSN 1100, DDSN 1500, DDSN 1501, DDSN 1502

credit hours: 3

DDSN 2100 Introduction to UX Design (User-Experience Design)

Introduction to UX Design (User-Experience Design)

This studio course explores the field of user-experience design, empathy, user-engagement and best practices. Students will explore and evaluate case studies, create concept-driven strategies to meet the needs of mock-clients and produce wireframes and prototypes.

Notes: Digital Design Track

Pre-requisites: DDSN 1100, DDSN 1101, DDSN 1102

credit hours: 3

DDSN 2101 Foundations of Interactive Design

Foundations of Interactive Design

This studio course investigates the practice of interactive design from both front and back-end perspectives. User-experience and user-interface design techniques are employed to develop online interactive content. Topics introduced in this course are image and type for the web, HTML basics, development, testing and updating of effective interfaces, visual, navigational and structural approaches to CSS, visual hierarchy, basic animation for online content, image and file preparation and historical perspectives in interactive design. Additionally, students engage in written and verbal communication for ideation and presentation. Lectures, readings, class demonstrations, group exercises and writing assignments are used.

Notes: Digital Design Track

Pre-requisites: DDSN 1100, DDSN 1101, DDSN 1102, DDSN 2100

credit hours: 3

DDSN 2102 Digital Photography

Digital Photography

This studio course will explore the history of digital photography in the context of digital design and put into practice photographic compositions and image editing. The digital camera will be used to create compelling visual compositions based on a concept, explore product photography, green screen photography and lighting scenarios. Practice and experimentation with digital image manipulation and compositional techniques is also included in this course.

Notes: Digital Design Track

Pre-requisites: DDSN 1100, DDSN 1101, DDSN 1102

credit hours: 3

DDSN 2400 Digital Page Layout

Digital Page Layout

This studio course utilizes multi-page layout software to explore long-format design challenges. Topics introduced in this course include advanced InDesign software techniques, design for publication, and file preparation for long-format printing. Students will create concept-driven works for mock clients. Printing and production techniques for long-format design will be employed.

Notes: Graphic Design Track

Pre-requisites: DDSN 1100, DDSN 1101, DDSN 1102, DDSN 1400, DDSN 1401

credit hours: 3

DDSN 2401 Design Studio I

Design Studio I

This studio course explores development of printed branding materials within the Adobe interface. Students will create concept-driven projects exploring execution via various media to communicate an event, promotion or series. Students will work with mock clients to create professional written and verbal presentations for portfolio-ready printed works.

Notes: Graphic Design Track

Pre-requistites: DDSN 1100, 1101, 1102, 1400, 1401, 2100, 2400

credit hours: 3

DDSN 2500 Modeling Studio II - Character Modeling

Modeling Studio II - Character Modeling

This studio course applies advanced character modeling techniques for advanced sculpting and UV and texture maps. Students will identify advanced sculpting techniques and proper topology flow for real time characters.

Notes: Game Art and Animation Track

Pre-requistites: DDSN 1100, 1500, 1501, 1502, 1503, 1504, 1505

credit hours: 3

DDSN 2501 Animation Studio II - Rigging & Weighting

Animation Studio II - Rigging & Weighting

This studio course examines rigging and weighting of characters within the animation interface. Scripting language is introduced. Students are expected to apply animation techniques to construct complex character rigs and techniques for advanced rigging solutions, skeleton, skinning associations with geometry.

Notes: Game Art and Animation Track

Pre-requistites: DDSN 1100, 1500, 1501, 1502, 1503, 1504, 1505

credit hours: 3

DDSN 2502 Digital Art Studio III - Modularity

Digital Art Studio III - Modularity

This studio course explores to use of modular components to allow for efficient reuse in the game design environment. Students will understand how to create these assets with a focus on modularity.

Notes: Game Art and Animation Track

Pre-requistites: DDSN 1100, 1500, 1501, 1502, 1503, 1504, 1505

credit hours: 3

DDSN 2503 Animation Studio III - Advanced Animation and Intro Motion Capture

Animation Studio III - Advanced Animation and Intro Motion Capture

This studio course explores advanced animation techniques as well as motion capture technology. Students will understand and apply motion capture system and integrate motion capture within traditional animation principles.

Notes: Game Art and Animation Track

Pre-requistites: DDSN 1100, 1500, 1501, 1502, 1503, 1504, 1505, 2500, 2501, 2502

credit hours: 3

DDSN 2504 Game Engine Studio I - Intro to Game Engine(s) Pipelines

Game Engine Studio I - Intro to Game Engine(s) Pipelines

This studio course explores the Unreal Engine interface and systems with an introduction of Blueprint scripting language. Students are expected to understand and apply Unreal Engine interface for world building, interface and navigating systems and premade assets.

Notes: Game Art and Animation Track

Pre-requisites: DDSN 1100, 1500, 1501, 1502, 1503, 1504, 1505, 2500, 2501, 2502

credit hours: 3

DDSN 2505 Game Engine Studio II - World Building, Lighting and Post-Processing

Game Engine Studio II - World Building, Lighting and Post-Processing

This studio course examines the Unreal Engine for world-building, lighting and post-processing for a fully rendered scene. Students will create world building, incorporating lighting and post-processing, to assemble environment projects within a world for a fully-rendered scene within a real time environment.

Notes: Game Art and Animation Track

Pre-requisites: DDSN 1100, 1500, 1501, 1502, 1503, 1504, 1505, 2500, 2501, 2502

credit hours: 3

DDSN 2600 Interactive Design Studio I

Interactive Design Studio I

This studio course explores design for mobile, display, aesthetics, UX, UI and interactive solutions. Students are introduced to the latest authoring and animation tools and learn how to apply their knowledge of the software to create dynamic and responsive interactive experiences. Students will communicate ideas via written and verbal presentation.

Notes: Interactive Design Track

Pre-requisites: DDSN 1100, 1101, 1102, 1401, 2100, 2101, CPST 3400, CPST 3410

credit hours: 3

DDSN 2601 Digital Narrative Studio I

Digital Narrative Studio I

This studio course uses story-telling techniques to communicate to an audience. Students will engage in techniques for video editing and visual storytelling through lecture and class projects. Digital editing software is introduced (Adobe Premiere Pro, After Effects). Students will create short narrative stories to solve a problem and present ideas both in written and verbal form.

Notes: Interactive Design Track

Pre-requisites: DDSN 1100, 1101, 1102, 1401, 2100, 2101, CPST 3400, CPST 3410

credit hours: 3

DDSN 2602 Motion Design Studio I

Motion Design Studio I

This studio courses explores vocabularies and concepts of motion design while engaging in previsualization, cinematography, culture, critical studies and media theory. Software such as Adobe Muse and Animate are used to communicate ideas and concepts. Students will create concept-driven storyboarding to articulate ideas and use software to bring these ideas to life.

Notes: Interactive Design Track

Pre-requisites: DDSN 1100, 1101, 1102, 1401, 2100, 2101, CPST 3400, CPST 3410, DDSN 2600, 2601

credit hours: 3

DDSN 3100 Sound Design

Sound Design

This studio course introduces sound design principles, historical perspectives and case studies. Students are expected to story board and compose sound for characters, video, motion graphics or interactive elements. Students will create professional written and verbal presentations.

Notes: Digital Design Track

Pre-requistites: DDSN 1100, 1101, 1102

credit hours: 3

DDSN 3400 Design Studio II

Design Studio II

This studio course explores development of three-dimensional packaging to communicate a brand or persona paired with two-dimensional supporting materials. Students will work alone and in groups to create original works for mock clients and service-learning experiences. Students will create professional written and verbal presentations for portfolio-ready printed works.

Notes: Graphic Design Track

Pre-requistites: DDSN 1100, 1101, 1102, 1400, 1401, 2100, 2400, 2401

credit hours: 3

DDSN 3401 Letterpress Studio

Letterpress Studio

This studio course explores traditional letterpress techniques within a design context. Students will use their original typographic compositions and translate them to the physical letterpress printing method. Students will critique and analyze design solutions via written assignments and verbal class discussions.

Notes: Graphic Design Track

Pre-requistites: DDSN 1100, 1101, 1102, 1400, 1401, 2100, 2400, 2401

credit hours: 3

DDSN 3402 Poster Design

Poster Design

This studio course explores using the poster as a means for visual communication within various projects. Students will work alone and in groups to find concept-driven solutions to design problems translated into the poster medium. Students will critique and analyze design solutions via written assignments and verbal class discussions.

Notes: Graphic Design Track

Pre-requistites: DDSN 1100, 1101, 1102, 1400, 1401, 2100, 2400, 2401, 3400

credit hours: 3

DDSN 3403 M.A.D. Studio (Marketing and Advertising for Designers)

M.A.D. Studio (Marketing and Advertising for Designers)

Marketing and advertising for designers explores the role designers play in the marketing and advertising industries. Students use marketing and advertising to better communicate a brand or persona within various media. Students will work within service-learning projects to articulate a call to action via multiple media platforms both alone and in groups. Students will critique and analyze design solutions via written assignments and verbal class discussions and presentations.

Notes: Graphic Design Track

Pre-requistites: DDSN 1100, 1101, 1102, 1400, 1401, 2100, 2400, 2401, 3400, 3600

credit hours: 3

DDSN 3500 Digital Art Effects - Complex Textures and Materials

Digital Art Effects - Complex Textures and Materials

This studio course explores complex textures, particle systems, materials and advanced Blueprint scripting. Students will create connections between effects and systems with physics simulation.

Notes: Game Art and Animation Track

Pre-requisites: DDSN 1100, 1500, 1501, 1502, 1503, 1504, 1505, 2500, 2501, 2502, 2503, 2504, 2505

credit hours: 3

DDSN 3501 Game Engine Studio III

Game Engine Studio III

This studio course examines the Unreal Engine for the process of importing, viewing and implementation of VFX that can apply to characters, weapons, environments and beyond.

Notes: Game Art and Animation Track

Pre-requisites: DDSN 1100, 1500, 1501, 1502, 1503, 1504, 1505, 2500, 2501, 2502, 2503, 2504, 2505, 3500

credit hours: 3

DDSN 3502 Digital Art Studio IV - User Interface for Game Art & Animation (elective)

Digital Art Studio IV - User Interface for Game Art & Animation (elective)

This studio course explores advanced digital art techniques with the user in mind for intuition and usability. As developers, we know that immersion is everything. When you

Notes: Game Art and Animation Track

Pre-requisites: DDSN 1100, 1500, 1501, 1502, 1503, 1504, 1505, 2500, 2501, 2502, 2503, 2504, 2505, 3500

credit hours: 3

DDSN 3503 Workflow - Introduction to Development Pipelines and Team Management

Workflow - Introduction to Development Pipelines and Team Management

This studio course explores the use of Scrum and Agile to aid in pipeline and team management for the unique challenges of game development. Students will learn to form successful agile teams that incorporate programmers, producers, artists, testers, and designers

Notes: Game Art and Animation Track

Pre-requisites: DDSN 1100, 1500, 1501, 1502, 1503, 1504, 1505, 2500, 2501, 2502, 2503, 2504, 2505, 3500, 3502

credit hours: 3

DDSN 3504 Team Game Art 1

Team Game Art 1

This studio course uses teamwork to develop pre-production assets for a fully-interactive game concept. Students will develop their concept for the group game art senior project. Students will apply team environment skillset to character focused, VFX focused, environment focus, animator leads and develop pre-production assets for larger senior team project.

Notes: Game Art and Animation Track

Pre-requisites: DDSN 1100, 1500, 1501, 1502, 1503, 1504, 1505, 2500, 2501, 2502, 2503, 2504, 2505, 3500, 3502

credit hours: 3

DDSN 3600 Social Media Studio

Social Media Studio

This studio course examines the use of social media within the design field. Students will create graphics for various new media and social media landscapes and develop strategy for implementation. Students will recognize and evaluate social media platforms based on user interaction and outcomes, design strategic graphics for social media campaigns, develop ongoing social media and digital strategy for service-learning client and communicate project via professional written and verbal presentation.

Notes: Interactive Design Track

Pre-requisites: DDSN 1100, 1101, 1102, 1401, 2100, 2101, 2600, 2600, 2601, 2602, CPST 3400, CPST 3410

credit hours: 3

DDSN 3601 SEO / SEM

SEO / SEM

This studio course explores search engine optimization and search engine marketing for the interactive space. Students will understand and evaluate ways to improve search engine optimization and search engine marketing, work in groups to develop creative strategy to assist a local client in improved search engine optimization and evaluate advanced search engine marketing techniques in written form.

Notes: Interactive Design Track

Pre-requisites: DDSN 1100, 1101, 1102, 1401, 2100, 2101, 2600, 2600, 2601, 2602, CPST 3400, CPST 3410

credit hours: 3

DDSN 3602 Interactive Design Studio 2

Interactive Design Studio 2

This studio courses uses advanced UX, UI, interactive design techniques and software to communicate a concept to an audience. Students will understand advanced interactive design techniques and apply techniques to class assignments. Students will create content-rich design solutions showcased within an interactive context using working prototypes in mobile-first design.

Notes: Interactive Design Track

Pre-requisites: DDSN 1100, 1101, 1102, 1401, 2100, 2101, 2600, 2600, 2601, 2602, CPST 3400, CPST 3410

credit hours: 3

DDSN 3603 Digital Narrative Studio II

Digital Narrative Studio II

This studio course explores video production within a team environment to create concept-driven, strategic solutions for a real-world client. Students will work in teams to create storytelling experiences via video and motion. Students will understand and analyze advanced principles of the digital narrative, develop multimodal approach to digital problem solving, create concept-driven solutions to class assignments, work in groups to develop strategy for service-learning client, communicate project via professional written and verbal presentation.

Notes: Interactive Design Track

Pre-requisites: DDSN 1100, 1101, 1102, 1401, 2100, 2101, 2600, 2600, 2601, 2602, 3600,

CPST 3400, CPST 3410

credit hours: 3

DDSN 3604 Motion Design Studio II

Motion Design Studio II

This studio course uses advanced motion techniques to execute a strategic approach to a real-world problem. Students work in teams to create a robust deck of interactive motion elements for a local client. Students will prepare and formulate strategic approach using motion design, apply good interactive marketing, design, narrative and motion techniques to formulate a solution. Students will present this solution both in written form and verbally in project presentation.

Notes: Interactive Design Track

Pre-requisites: DDSN 1100, 1101, 1102, 1401, 2100, 2101, 2600, 2600, 2601, 2602, 3600, 3601, 2602, 3603, CPST 3400, CPST 3410

credit hours: 3

DDSN 4100 Portfolio and Professional Practices

Portfolio and Professional Practices

This studio course prepares students for entry into the workforce. Students will create a personal brand and translate that brand into their portfolio, stationery package and other media for marketing purposes. Students will undergo rigorous self-reflection, mock interviews, presentation techniques and portfolio reworking. Students can expect to create written and verbal communication regarding their brand, personal attributes and portfolio works.

Notes: Digital Design Track

Pre-requisites: DDSN 1100, 1101, 1102, 1400, 1401, 2400, 2401, 3400, 3404, 3600, 4400, 4402, 4404, 4405

credit hours: 3

DDSN 4400 Business of Design

Business of Design

This studio course provides students with real-world applications of business practices within the graphic design industry, contracts, the law, business planning, strategy and marketing. Students will assemble a strategic approach to estimating and planning, project workflow in a design business environment and create original work for service-learning client.

Notes: Graphic Design Track

Pre-requisites: DDSN 1100, 1101, 1102, 1400, 1401, 2100, 2400, 2401, 3400, 3403, 3600

credit hours: 3

DDSN 4401 Design for Good

Design for Good

This studio course explores the greater purpose of design as an agent of change. Students will create multiple projects supporting a cause with a specific call to action. 2D, 3D and interactive elements will be employed to create meaningful works based on a concept. Students will work for personal and service-learning clients and communicate projects via professional written and verbal presentation.

Notes: Graphic Design Track

Pre-requisites: DDSN 1100, 1101, 1102, 1400, 1401, 2100, 2400, 2401, 3400, 3403, 3600

credit hours: 3

DDSN 4402 Packaging Design

Packaging Design

This studio course uses good design techniques paired with visual marketing and advertising strategies to apply design to three-dimensional packaging objects. Students will work alone and in groups to create concept-driven solutions to appeal to an audience via packaging media. Students will communicate projects via professional written and verbal presentation.

Notes: Graphic Design Track

Pre-requisites: DDSN 1100, 1101, 1102, 1400, 1401, 2100, 2400, 2401, 3400, 3403, 3600

credit hours: 3

DDSN 4403 Corporate Identity

Corporate Identity

This studio course greater explores the field of corporate identity and branding within a design context. Students will work alone and in groups to create concept-driven works for mock clients and service-learning projects. Students will explore logo design, branding, brand standards, brand strategy and brand application as part of this course. Students will communicate projects via professional written and verbal presentation.

Notes: Graphic Design Track

Pre-requisites: DDSN 1100, 1101, 1102, 1400, 1401, 2100, 2400, 2401, 3400, 3403, 3600, 4400

credit hours: 3

DDSN 4404 Environmental Design

Environmental Design

This studio course greater explores the field of environmental design within a design context. Students will work alone and in groups to create concept-driven works for mock clients and service-learning projects. Students will explore large-scale graphics for a variety of out-of-home media including billboards, transportation design, way finding and accessibility design. Students will communicate projects via professional written and verbal presentation.

Notes: Graphic Design Track

Pre-requisites: DDSN 1100, 1101, 1102, 1400, 1401, 2100, 2400, 2401, 3400, 3403, 3600, 4400

credit hours: 3

DDSN 4405 Design Studio III

Design Studio III

This studio course explores development of multi-media works surrounding project themes. Students will use print (2D), packaging (3D) and interactive media to communicate a project solution. Students will work alone and in groups to create original works for mock clients and service-learning experiences. Students will create professional written and verbal presentations for portfolio-ready printed works.

Notes: Graphic Design Track

Pre-requisites: DDSN 1100, 1101, 1102, 1400, 1401, 2100, 2400, 2401, 3400, 3403, 3600, 4400, 4402, 4404

credit hours: 3

DDSN 4406 Designer as Author (by application only)

Designer as Author (by application only)

This accelerated studio course explores development of a project where the student is the author of the concept, product, persona, client, research, execution and implementation from start to finish. This course is reserved for students with a 3.5 or higher GPA who can demonstrate exceptional design skills in two-dimensional, three-dimensional and interactive design

techniques. Students interested in taking this course should apply the semester prior via portfolio and written proposal for the course topic.

Notes: Graphic Design Track

Pre-requistites: DDSN 1100, 1101, 1102, 1400, 1401, 2100, 2400, 2401, 3400, 3403, 3600, 4400, 4402, 4404

credit hours: 3

DDSN 4500 Portfolio Studio

Portfolio Studio

This studio course pairs students with expert faculty to further develop their portfolio for successful job placement upon graduation. This course may be taken twice for credit. Students will gain greater in-depth portfolio ready works, critique and evaluate works within dossier for improvement and apply greater focus to area of expertise.

Notes: Game Art and Animation Track

Pre-requistites: DDSN 1100, 1500, 1501, 1502, 1503, 1504, 1505, 2500, 2501, 2502, 2503, 2504, 2505, 3500, 3502, 3503, 3504

credit hours: 3

DDSN 4501 Capstone Game Art Studio

Capstone Game Art Studio

This Capstone course further develops the team game art project. The teams will develop, debug and polish their interactive game and present the final work to a panel. All aspects and developmental processes of the game must be showcased in the presentation.

Notes: Game Art and Animation Track

Pre-requistites: DDSN 1100, 1500, 1501, 1502, 1503, 1504, 1505, 2500, 2501, 2502, 2503, 2504, 2505, 3500, 3502, 3503, 3504

credit hours: 3

DDSN 4600 Multi-media Studio

Multi-media Studio

This studio course encourages the use of multiple media to communicate to an audience.

Students will use narrative, social media, motion, website design and other interactive applications per their strategy to create a multimodal user-experience. Students will present ideas both in written and verbal form.

Notes: Interactive Design Track

Pre-requistites: DDSN 1100, 1101, 1102, 1401, 2100, 2101, 2600, 2600, 2601, 2602, 3600, 3601, 2602, 3603, CPST 3400, CPST 3410

credit hours: 3

BSEC 1000 Economics for Non Majors

Economics for Non Majors

This course covers the basic concepts and analytical techniques used in both microeconomics and macroeconomics. Topics include: consumer choice; firm profit maximization; product, labor, capital, and financial markets; the short-run and long run macroeconomic models; aggregate demand and supply; and the determinants of macroeconomic policy.

Notes: Only School of Professional Advancement students can receive credit for this course, and students will only receive credit for CSEC 1000 OR CSEC 1010.

credit hours: 3

BSEC 1010 Introductory Microeconomics

Introductory Microeconomics

An introduction to theory of prices and the allocation of resources. Topics include the pricing of goods and services, the determination of wages and returns to capital, market structure, and international trade.

Notes: Only School of Professional Advancement students can receive credit for this course, and students will only receive credit for CSEC 1000 or CSEC 1010.

credit hours: 3

BSFN 2200 Special Topics in Finance

Special Topics in Finance

credit hours: 3

BSFN 2210 Introduction to Finance

Introduction to Finance

Analysis of business opportunities and problems from the financial manager

credit hours: 3

BSFN 2540 Introduction to Investment

Introduction to Investment

Fundamental principles of investment and development of the student

credit hours: 3

BSFN 3310 Money and Banking

Money and Banking

A non-technical overview of the role of financial institutions in the economic process with emphasis upon the development of commercial banking since 1960. The course is structured to give relatively equal attention to each of the following three general areas: the supply of loanable funds, the demand for loanable funds, and money and capital markets.

credit hours: 3

BSFN 3460 Financial Markets

Financial Markets

This course is designed to introduce students to the different types of financial instruments and the markets in which they trade. The instructor will discuss the characteristics of the various products, how they are valued, and how the markets in which they trade differ. The student will study the money markets, the bond markets, the private debt market (bank loans, etc.) and the equities market. If time permits, the course will briefly cover the derivatives markets.

credit hours: 3

BSFN 3540 Intermediate Investments

Intermediate Investments

A continuation of Introduction to Investments (BSFN 2540). This course explores investment topics as they relate to individual investors and professionals. Risk and return principles on securities and portfolios are studied as well as valuation techniques and analysis of fixed income securities, equities, and options. Financial statements, futures markets, portfolio theory, and capital market theory are also covered. The course assumes the student has a basic understanding of investment vehicles and their characteristics.

Pre-requisites: BSFN 2540 or instructor approval.

credit hours: 3

BSFN 3560 Personal Financial Planning

Personal Financial Planning

While laws and values continue to change, the abilities to analyze, evaluate and make decisions remain central to building financial security. The course develops these abilities and considers the skills to look for in selecting competent bankers, brokers, accountants, insurance and real estate professionals.

credit hours: 3

GLSP 2010 Introduction to Paralegal Studies

Introduction to Paralegal Studies

Introduces students to the American legal system, including both civil and common law, and focusing upon the role of the paralegal. The course provides basic training in necessary skills, including vocabulary, interviewing and investigation, law office administration, legal document drafting, and litigation support. The course also addresses professional ethics, including but not limited to the unauthorized practice of law.

Pre-requisites: ENGL 1010

credit hours: 3

GLSP 3020 Legal Research

Legal Research

Provides hands-on training in the use of the law library, Westlaw, and other online and print resources for research; and teaches students to develop efficient, effective legal research strategies.

Pre-requisites: ENGL 1010

credit hours: 3

GLSP 3030 Legal Writing

Legal Writing

Builds upon the research and analytical skills developed in GLSP 3020 - Legal Research. Through written assignments, students are trained to draft motions, pleadings, correspondence, and other necessary legal documents.

Pre-requisites: GLSP 3020

credit hours: 3

GLSP 3050 Litigation I

Litigation I

Introduces students to litigation in the U.S. federal and state courts, including both the civil and common law systems. In addition to learning applicable terminology and analyzing jurisdiction and venue, students perform client interviews and investigations; draft initial pleadings; plan for motion practice; and develop skills in calendaring, file management, document production, depositions, and other aspects of discovery. Lectures are supplemented with practical exercises in the drafting of legal documents, including pleadings, motions, memoranda, and discovery documents.

Pre-requisites: ENGL 1010

credit hours: 3

GLSP 3060 Litigation II

Litigation II

Develops knowledge of the U.S. state and federal court systems in greater depth, using the

theory-of-the-case approach to train students in the procedural, evidentiary, and substantive rules governing civil litigation. Students develop skills in legal analysis, critical thinking, formal and informal advocacy, legal writing, rules of evidence, investigative techniques, post-trial rules and procedures. Lectures are supplemented with practical exercises in the drafting of effective pleadings, motions, memoranda, and discovery documents.

Pre-requisites: GLSP 3050

credit hours: 3

GLSP 3070 Computers in the Law Firm

Computers in the Law Firm

Through hands-on exercises and tutorials, students develop skills and knowledge in the use of the software applications and methods that firms use to support litigation and transactional practices, discovery and due diligence, case management, time-keeping, billing, and other vital law office functions.

Pre-requisites: CPST 1000 - Introduction to Microcomputers or equivalent course OR approval of the Director

credit hours: 3

GLSP 4010 Business and Corporate Practice

Business and Corporate Practice

Introduces students to business organizations and relationships, including sole proprietorships, agencies, partnerships, and corporations. Through lectures and drafting exercises, students develop the practical paralegal skills necessary to support corporate and business transactions.

Pre-requisites: GLSP 3030, 3060, and 3070 or approval of Director.

credit hours: 3

GLSP 4030 Louisiana Succession Practice

Louisiana Succession Practice

Through lectures and practical exercises, students develop knowledge of Louisiana

Pre-requisites: GLSP 3030, 3060 and 3070, or approval of Director.

credit hours: 3

GLSP 4040 Real Property Practice

Real Property Practice

Through lectures and practical exercises, students learn the basics of real estate practice and the role of the paralegal in real estate transactions, including retrieving and compiling property information; performing title searches; preparing preliminary abstracts and opinions of title, mortgages and transfer of ownership; requisitioning deeds and leases; and other paralegal functions associated with real estate negotiations and closings.

Pre-requisites: GLSP 3030, 3060, and 3070 or approval of Director.

credit hours: 3

GLSP 4050 Family Law

Family Law

Introduces students to current and projected issues in family law and the role of the paralegal in cases arising from marriage, children, and property. Through lectures and practical exercises, students learn to perform client interviews; analyze child support obligations, prepare pleadings for dissolution, support, and division of property; prepare cases for trial; supervise case progress; draft property settlements; trace assets; and other tasks.

Pre-requisites: GLSP 3030, 3060 and 3070, or approval of Director.

credit hours: 3

GLSP 4070 Immigration Law Practice

Immigration Law Practice

Through practical exercises and online discussions, this participative asynchronous online course introduces students to the development and enforcement of immigration law in the U.S., based upon the Constitution, federal laws, and social policies; the social institutions involved in immigration; and the administration of immigration benefits, including determination of citizenship, naturalization, and other types of immigration status.

Notes: Satisfies Social Science requirement for School of Professional Advancement majors.

Pre-requisites: ENGL 1010

credit hours: 3

GLSP 4080 Criminal Law

Criminal Law

Provides an overview of the practice of criminal law, including criminal procedure and court rules, prosecutorial functions, probation, juvenile courts, mental commitment procedures, bail, and sentencing, with practical exercises to develop skills in performing investigations, discovery, alternative dispositions, and trial preparation.

Pre-requisites: GLSP 3030, 3060 and 3070, or approval of Director.

credit hours: 3

GLSP 4090 Administrative Practice

Administrative Practice

Introduces students to governmental agencies and their promulgation and enforcement of the rules through which state and federal statutes have practical application. Through lectures and practical exercises, students learn to identify and analyze applicable rules, investigate relevant facts, draft responses and inquiries, submit requests under the Freedom of Information Act, review agency files, and perform other paralegal functions.

Pre-requisites: GLSP 3030, 3060 and 3070, or approval of Director.

credit hours: 3

GLSP 4100 Law Office Management

Law Office Management

Develops skills and knowledge regarding the paralegal

Pre-requisites: GLSP 3030, 3060 and 3070, or by approval of Director.

credit hours: 3

GLSP 4120 Admiralty Practice

Admiralty Practice

Explores the substantive laws governing maritime matters, as applied through federal and state regulations. Through lectures and practical exercises, students develop skills to assist in matters involving marine insurance; personal injury rights and liabilities; salvage, ship mortgages, and domestic and foreign towage regulations; and the drafting of bills of lading, limitations of liability, and other documents.

Pre-requisites: GLSP 3030, 3060 and 3070, or approval of Director.

credit hours: 3

GLSP 4140 Oil and Gas Law

Oil and Gas Law

Through lectures, introduces students to the state and federal laws governing the fossil fuel industry and other forms of regulated energy, addressing drilling, storage, transportation, and environmental and societal impacts. Practical exercises focus upon the role of the paralegal in the litigation, transactional, and regulatory matters that arise under energy laws.

Pre-requisites: GLSP 3030, 3060 and 3070, or approval of Director.

credit hours: 3

GLSP 4150 Commercial Law

Commercial Law

Through lectures and practical exercises, students learn the role of the paralegal in the drafting, execution, and enforcement of contracts, mortgages, pledge assignments, and other security devices; allocation of liability; procedures for enforcement and collection; and other skills necessary to perform functions necessary to excel in a commercial practice.

Pre-requisites: GLSP 3030, 3060 and 3070, or approval of Director.

credit hours: 3

GLSP 4160 Legal Interviewing and Investigation

Legal Interviewing and Investigation

This course explores the principles, methods, and investigative techniques for locating, gathering, documenting, and disseminating necessary information in the course of civil and criminal actions. Lessons focus upon developing the interviewing and investigative skills necessary to prepare paralegals to communicate effectively and recognize potential ethical pitfalls.

Pre-requisites: GLSP 3030, 3060 and 3070, or approval of Director.

credit hours: 3

GLSP 4180 Bankruptcy Practice

Bankruptcy Practice

Through practical exercises and online discussions, this participative asynchronous online course introduces students to the U.S. Bankruptcy system, including the development of the U.S. Bankruptcy Code, Federal Rules of Bankruptcy Procedure, the Bankruptcy Court, and the U.S. Trustee system. Assignments focus upon the practical role of the paralegal in cases arising under Chapter 7, Chapter 13, and Chapter 11 of the Bankruptcy Code, including the drafting of pleadings and use of the electronic filing system. The course also explores ethical issues, such as a debtor

Pre-requisites: GLSP 3030, 3060 and 3070, or approval of Director.

credit hours: 3

GLSP 4190 Legal Ethics in America

Legal Ethics in America

Through practical exercises and online discussions, this participative asynchronous online course examines the professional and ethical dilemmas legal professionals face and compares the ethical rules and professional standards developed by the American Bar Association, adopted by Louisiana and presented as guidelines by the two major paralegal associations. The course contrasts the real

Pre-requisites: GLSP 3030, 3060 and 3070, or approval of Director.

credit hours: 3

GLSP 4220 Insurance Law Practice

Insurance Law Practice

This participative asynchronous online course introduces students to the laws governing and legal actions arising under various types of insurance contracts in Louisiana and other states. Through practical exercises and online discussions, students learn to perform the paralegals tasks necessary to the claims process, litigation, defense, and case management; and to identify the issues of ethics and professionalism that arise in an insurance practice.

Pre-requisites: GLSP 3030, 3050 and 3060 or approval of Director.

credit hours: 3

GLSP 4230 Pro Bono Practice

Pro Bono Practice

Through lectures and on-site interviews, students are introduced to the governmental and private agencies that provide legal services free of charge to disadvantaged persons and practical exercises, while practical exercises develop the skills necessary for the tasks typically assigned to paralegals in pro bono practice.

Pre-requisites: GLSP 3030, 3050 and 3060 or approval of Director.

credit hours: 3

GLSP 4280 Personal Injury/Medical Malpractice

Personal Injury/Medical Malpractice

Through practical exercises and online discussions, this participative asynchronous online course addresses the prosecution and defense of personal injury and medical malpractice actions under tort and insurance laws, the Louisiana Medical Malpractice Act, and other applicable laws. Practical exercises develop the skills necessary for assisting in personal injury law practice, including organizing and maintaining files, drafting pleadings, obtaining and summarizing medical records, performing factual investigations and other necessary functions.

Pre-requisites: GLSP 3030, 3060 and 3070, or approval of Director.

credit hours: 3

GLSP 4300 Louisiana Notary Law

Louisiana Notary Law

Through lectures and practical drafting exercises, students learn the broad duties and powers of the Notary Public in Louisiana, focusing upon the laws governing and documents drafted and/or authenticated by notaries in adoptions, emancipations, tutorships, interdictions, successions, wills, real estate transactions, mortgages, security interests, and other legal actions.

Pre-requisites: GLSP 3030, 3060 and 3070, or approval of Director.

credit hours: 3

GLSP 4310 Employment Law

Employment Law

Lectures and in-class discussions explore the state and federal laws governing employment in the U.S., focusing upon the disputes that may arise in the workplace. Through practical exercises, students learn best practices for establishing, maintaining and terminating the employment relationship; evaluating employment claims; and identifying ethical practices.

Pre-requisites: GLSP 3030, 3060 and 3070, or approval of Director.

credit hours: 3

GLSP 4320 Healthcare Compliance

Healthcare Compliance

Through lectures, students develop an understanding of the interaction among insurance, physician-patient relationships, medical records, bioethics, privacy and security, ethical issues, Medicare, and other state and federal laws governing the healthcare industry. Practical exercises develop the skills necessary for employment in law firms, governmental agencies, healthcare corporations, and other businesses in the healthcare industry.

Pre-requisites: GLSP 3030, 3060 and 3070 or approval of Director.

credit hours: 3

GLSP 4330 White Collar Crime

White Collar Crime

Lectures and reading assignments explore white collar crime and enforcement in depth, focusing upon federal laws and the nature of corporate, federal and state governmental, environmental, and economic crimes and their economic and sociological impacts. Practical exercises detail the inter-related roles of prosecutors, defense attorneys, and paralegals in the investigation and prosecution of white collar crime.

Pre-requisites: GLSP 3030, 3060 and 3070 or approval of Director.

credit hours: 3

GLSP 4340 Social Security Disability Law

Social Security Disability Law

Lectures and practical exercises develop a broad knowledge of social security disability laws and legal actions, including the claims evaluation process, the claimant

Pre-requisites: GLSP 3030, 3060 and 3070 or approval of Director.

credit hours: 3

GLSP 4350 Law in American Society

Law in American Society

Through practical exercises and online discussions, this participative asynchronous online course introduces students to the interplay between America's legal system and social structure, providing a detailed analysis of the impact of the legal system upon social, economic, and political relationships. Via interactive assignments, students analyze the functions of the federal and state courts and the availability of justice to citizens of varying socioeconomic means.

Pre-requisites: ENGL 1010

credit hours: 3

GLSP 4370 Workers Compensation Law

Workers Compensation Law

This course provides students with knowledge of the basic structure of Workers Compensation Law, hearings and appeals system, the nature and types of litigation arising from Workers Compensation claims, and the role of the paralegal in assisting clients in submitting applications for Workers Compensation benefits and participating in other aspects of the claims process.

Pre-requisites: GLSP 3030, 3060 and 3070 or approval of Director.

credit hours: 3

GLSP 5500 Selected Topics

Selected Topics

These upper level General Legal Studies courses introduce new legal specialty courses to the curriculum. Courses are chosen based upon levels of legal activity, interest in the practice areas,

and new trends in law practice. Topics previously presented in this format and recently added to the course inventory include White Collar Crime, Social Security Disability Practice, and Workers Compensation.

Pre-requisites: GLSP 3030, 3060 and 3070, or approval of Director.

credit hours: 3

GLSP 5900 Paralegal Practicum

Paralegal Practicum

Students who are in or nearing their final semester of study and have an overall GPA of 2.0 may seek Director approval to register for the Practicum. This course includes both a classroom component and performance of an attorney-supervised 100-hour internship in a law firm or other legal services office. Written assignments and lectures focus upon developing job search skills, applying paralegal skills in the workplace, and resolving issues arising from ethics and professionalism and other aspects of paralegal practice and employment.

Pre-requisites: Approval of Director required.

credit hours: 3

HMLS 2750 Homeland Security: The National Challenge

Homeland Security: The National Challenge

The evolution of homeland security as a concept, and a legal framework, a redirection of national policies and priorities is described. The political, economic, and practical issues of implementation are examined. An overview of the history of the terrorist threat and U.S. responses and an introduction to fundamental policy legislation and documents, such as national security strategies, homeland security decision directives, the National Response Plan, and National Incident Management System is provided. The Department of Homeland Security model of planning, protecting, responding, and recovering from a natural disaster and terrorist attacks is described.

credit hours: 3

HMLS 3150 Health and Medical Issues in Emergency Management

Health and Medical Issues in Emergency Management

A study of the important health and medical management issues involved in crises and emergencies presented for the non-medical emergency manager. The wide range of medical and health issues inherent to crisis including biological, radiological, nuclear events and emergencies are described. Methods for integrating medical, public health, and psychological processes into emergency management programs are discussed.

credit hours: 3

HMLS 3200 Domestic and International Terrorism

Domestic and International Terrorism

This course introduces participants to various aspects of domestic and international terrorist organizations. The student will be introduced to basic principles of terrorist investigations, international and domestic security threats, and the goals, motivational factors, targets, and tactics of terrorist organizations. The student will learn techniques for evaluating an organization's vulnerability to attacks that involve chemical, biological, explosive, radioactive weapons or sabotage. Students will learn the current models, roles, and responsibilities of local, state, and federal agencies in counter-terrorism investigations.

credit hours: 3

HMLS 3250 Emergency Management

Emergency Management

This course will examine core elements of emergency management in the context of the science, law, medicine, and economics that confront 21st Century leaders in business and government. Case studies, including that of Hurricane Katrina, will serve as the focus for readings, class discussion and policy research to improve this vital function of government. Key consideration will be given to asymmetrical problems presented to emergency managers, the established authorities and programs, their effectiveness and how to improve them.

credit hours: 3

HMLS 3500 Intelligence Research, Method and Analysis

Intelligence Research, Method and Analysis

This course is designed to give students an understanding of the history and fundamental concepts of intelligence-gathering and analysis. In addition to tracing the development of intelligence organizations, it examines both the disciplines of intelligence (signals intelligence and espionage, for example) and its products. It focuses on the effects intelligence exercises on decision making, particularly, but not exclusively, in the realm of national security and military policy. It uses case studies to illustrate enduring issues or problems in the study of intelligence.

credit hours: 3

HMLS 3600 Critical Infrastructure Protection

Critical Infrastructure Protection

This course introduces participants to the Critical Infrastructure Protection (CIP) process to secure the effective protection of the people, physical entities, and critical information systems. This course will introduce a time-efficient and resource-restrained practice that ensures the protection of only those infrastructures upon which survivability, continuity of operations, and mission success depend. The CIP course will guide leaders in the theories of physical protection and conducting vulnerability assessments of critical infrastructures. This course will also introduce the critical sectors currently identified by the United States Department of Homeland Security and how disruption of these sectors affects civilians and the economy.

credit hours: 3

HMLS 3700 Transportation and Border Security I

Transportation and Border Security I

This course provides a student with an analysis of issues that concern the protection of the borders of the United States and U.S. policies regarding the safety of the U.S. transportation system. The course analyses the changes in security arrangements from pre to post 9-11 policies, relative to border and transportation security, with a synthesis of the impact of the formation of the U.S. Department of Homeland Security and on the issues concerning internal CONUS security relative to these two security concerns.

credit hours: 3

HMLS 4600 Homeland Security and Approaches to Counter-Terrorism

Homeland Security and Approaches to Counter-Terrorism

This course will examine key policy issues and balances that must be addressed in strategic counterterrorism planning, particularly in the use of applied technology within the context of civil jurisdiction and rule of law. The course will examine terrorist threats to the homeland and how these threats can be met by the application of science and technology. Policy issues that address the balance between security and civil liberties that must be resolved to effectively counter

terrorism will be discussed. These issues will be addressed from the governance perspective of a liberal democracy. Strategic planning principles that integrate capabilities of current and future applied technology and the key legal and policy issues that must be resolved in order to make effective use of information as balanced against civil liberties will be explored as well.

Pre-requisites: HMLS 3200.

credit hours: 3

HMLS 4700 Maritime and Border Security II

Maritime and Border Security II

This course will examine the role of maritime security in terms of protecting the homeland of the United States and other countries who are members of the International Maritime Organization (IMO). The primary focus will be on the ISPS Code and the Maritime Transportation Security Act.

Pre-requisites: HMLS 3700.

credit hours: 3

HMLS 4990 Homeland Security Practicum

Homeland Security Practicum

The Practicum may include job-related field projects, integrative analyses of professional literature and published research, original research, original research projects, and comprehensive project proposals for adoption by third parties. In all cases, the Practicum is intended to demonstrate an extensive understanding of the topic area selected, the ability to develop an integrative and systemic analysis of a problem, and the ability to identify appropriate solutions and recommendations. A written report documenting all aspects of the project will be presented for faculty approval. This course is only open to Post-Baccalaureate Certificate students and should be taken in the final year of study.

credit hours: 3

HMLS 6150 Health and Medical Issues in Emergency Management

Health and Medical Issues in Emergency Management

An advanced study of the important health and medical management issues involved in crises and emergencies presented for the non-medical emergency manager. The wide range of medical and health issues inherent to a crisis including biological, radiological, nuclear events and emergencies are described. Students will focus on innovative response and recovery including long term public health recovery issues methods for integrating medical, public health, and psychological processes into emergency management.

credit hours: 3

HMLS 6500 Intelligence Research, Method and Analysis

Intelligence Research, Method and Analysis

This course is designed to give students an advanced understanding of intelligence-gathering and analysis as it relates to critical thinking; linkages to money laundering, risk management, risk assessment factors, operational concepts and strategic implications. It is a logical follow-on study that further examines the collaborative process of intelligence analysis and will provide homeland security professionals tools, framework and concepts to further develop their leadership skills by understanding how the synthesis and utilization of intelligence impacts decision making in tactical, operational and strategic settings while emphasizing the principles of holistic, all-hazards approach to preparedness.

credit hours: 3

HMLS 6600 Homeland Security and Approaches to Counter-Terrorism

Homeland Security and Approaches to Counter-Terrorism

Students will employ critical analysis to examine key policy issues and balances that must be addressed in strategic counterterrorism planning, particularly in the use of applied technology within the context of civil jurisdiction and rule of law. The course will examine terrorist threats to the homeland and how these threats can be met by the application of science and technology. Policy issues that address the balance between security and civil liberties that must be resolved to effectively counter terrorism will be discussed. These issues will be addressed from the governance perspective of a liberal democracy. Strategic planning principles that integrate capabilities of current and future applied technology and the key legal and policy issues that must be resolved in order to make effective use of information as balanced against civil liberties will be explored as well.

credit hours: 3

HMLS 6700 Maritime and Border Security II

Maritime and Border Security II

This course will examine key policy issues and balances that must be addressed in all aspects of Maritime Homeland Security. The current paradigm of security on the world

credit hours: 3

HMLS 7200 Domestic and International Terrorism

Domestic and International Terrorism

The course will provide insight and analysis into the ideology, structure, financing, and driving forces behind terrorist individuals and groups inside the United States (

credit hours: 3

HMLS 7250 Emergency Management

Emergency Management

This course will be an advanced examination of modern emergency management concepts, trends nationally and internationally, practical and political issues and policies, technological applications to emergency management, and the development and practical implementation of sound emergency management practices designed to protect people, communities, critical infrastructure and key assets. Included will be a brief review of emergency management policy and procedures in the United States and other countries, legal issues, social science perspectives, planning concepts and techniques, disaster modeling, operational problems, analytical methods, special populations, and management styles. Additionally, case studies will be examined to determine the extent of effective or ineffective planning, responding, and recovering from natural and technological disasters.

credit hours: 3

HMLS 7500 Intelligence Analysis/Critical Thinking

Intelligence Analysis/Critical Thinking

This course presents students with an analysis of how intelligence is collected and processed and how the resulting estimates contribute to the formation of national policy and homeland security. This course examines the collaborative process of intelligence analysis and is designed to provide students the tools, framework and concepts required to develop leadership skills through understanding how the synthesis and utilization of intelligence impacts decision making in tactical, operational and strategic settings within the framework of the principles of all hazards preparedness. Students will gain an understanding of the history and fundamental concepts of

intelligence-gathering and analysis. In addition to tracing the development of intelligence organizations, it examines both the disciplines of intelligence (signals intelligence and espionage, for example) and its products. Case studies will be employed to illustrate enduring issues or problems in the study of intelligence.

credit hours: 3

HMLS 7600 Critical Infrastructure Protection

Critical Infrastructure Protection

This course closely examines the Critical Infrastructure Protection process to secure the effective protection of people, physical entities, and critical information and support systems in the event of natural disasters, and accidental or intentional man-made incidents of major destruction. The course will provide an analysis of a time-efficient and resource-restrained practice that ensures the protection of those critical infrastructures upon which survivability, continuity of operations, and mission success depend. The course will guide students in the theories of physical protection and conducting vulnerability assessments of critical infrastructure elements. We will examine the critical sectors identified by the United States Department of Homeland Security and how disruption of these sectors could effect the civil population and the national economy.

credit hours: 3

HMLS 7700 Transportation and Border Security

Transportation and Border Security

This course closely examines the complexities of protecting the borders of the United States and ensuring the safety and security of the U.S. transportation system, including intermodal connections. Fundamentally, the course considers the relationship between security and the need to maintain supply chain flow and how certain strategic approaches can buy down risk. The course also analyzes the changes in security arrangements from pre- to post-9/11 policies, relative to border and transportation security, with a synthesis of the organization of the U.S. Department of Homeland Security and national policy processes. In so doing, the course assesses the adequacies of extant national strategies and implementing plans that address the spectrum of policies involving protection, detection, deterrence, defense, recovery and reconstitution of border and transportation systems. Issues concerning border and transportation security are inextricably linked with global security policies affecting the international supply chain and the cross-border transportation of goods and passengers. Therefore, class discussions and readings will examine the international framework and context of border and transportation security policies.

credit hours: 3

HMLS 7750 Homeland Security: the National Challenge

Homeland Security: the National Challenge

The goal of this course is to explore the published works of leading thinkers regarding the evolving nature of Homeland Security and assist students with the tools and resources necessary to gain an understanding of the principles prescribed. Students will learn techniques oriented toward understanding the threats posed to modern society, while staying abreast of the current and future roles and responsibilities of all levels of government agencies in countering threats from the prospective of all hazards preparedness. The political, economic, and practical issues of implementation are thoroughly examined. The course will examine responses to the terrorist threat as well as natural and manmade disasters to include public policy legislation and documents, such as national security strategies, homeland security decision directives, the National Response Framework and National Incident Management System. An overview of the

history of The Department of Homeland Security model of planning, protecting, responding, and recovering from a natural disaster and terrorist attack is analyzed. This course provides an overview of Terrorism, Homeland Security, and risk assessment methodologies. Students will learn how to identify vulnerabilities, analyze and mitigate risk, and harden critical infrastructure sites through countermeasure proposals. This course also includes an examination of the basic legislation and operations of the U.S. Department of Homeland Security and its role in protecting the United States by detecting, deterring, preventing, and responding to potential threats, current and future.

credit hours: 3

BSLS Internship

Internship

credit hours: 3

HRDV 2200 Special Topics in Human Resource Development

Special Topics in Human Resource Development

credit hours: 3

HRDV 2450 Career for Life: Finding Bliss

Career for Life: Finding Bliss

credit hours: 3

HRDV 3000 Learning and Training in Organizations

Learning and Training in Organizations

An overview of human resources training and development, including needs assessment, training design, implementation and evaluation. This course will integrate applied principles of adult learning. Various methods and training media will be explored.

credit hours: 3

HRDV 3330 Human Resources

Human Resources

This class is an introduction to organizational, legal, and psychological frameworks governing modern Human Resources Administration. This course provides an overview of the Human Resources function and the Human Resources department's role in furthering both employee and organizational goals.

credit hours: 3

HRDV 3420 Managing Troubled Employees: Sex, Drugs and Violence

Managing Troubled Employees: Sex, Drugs and Violence

This course will prepare the student to understand, identify and manage the troubled employee on a macro and micro basis. The student will learn to develop effective policies and procedures to address the causes and concerns of troubled employees. The student will become familiar with the legal and ethical issues surrounding troubled employees. This course covers workplace trends, sexual equality, sexual harassment, discrimination, life/work balancing, stress, mental illness, drug and alcohol abuse, workplace violence, post-traumatic stress intervention and employee assistance programs.

Pre-requisites: Human Resources 3330. Instructor approval required for waiver of prerequisite.

credit hours: 3

HRDV 3450 Professional Interviewing

Professional Interviewing

This course teaches the art of interviewing individuals in various situations. Potential interviewees will include victims, witnesses, suspects, job applicants and children. Emphasis will be placed on interviewing process with the intent to reveal deceit, expose untruthfulness and corroborate truthfulness. The interviewing process will be learned from the beginning stages whereby the interviewer determines the objectives of the interview and establishes a rapport with the interviewee. When necessary and warranted, techniques for inducing stress and discomfort will be explored and potential responses to stress will be discussed.

credit hours: 3

HRDV 3520 Compensation and Benefits

Compensation and Benefits

This is a comprehensive analysis of the purpose, structure and effectiveness of compensation systems. Topics include legal issues, job design, job analysis, job evaluation, pay systems, incentives, psychological and motivational aspects of pay, executive compensation and compensation plan administration. Benefits are addressed at a basic level.

credit hours: 3

HRDV 3530 Benefits Administration

Benefits Administration

This course addresses issues regarding mandatory benefits such as social security and workers compensation and voluntary benefits such as medical and life insurance. Cost containment and the changing legal environment regarding benefits are covered.

Pre-requisites: Human Resources 3520 and its prerequisite. Instructor approval required for waiver of prerequisites.

credit hours: 3

HRDV 3650 Planning, Recruitment, and Selection of Human Resources

Planning, Recruitment, and Selection of Human Resources

This course addresses the strategic, legal and administrative issues associated with recruitment and selection of employees, including assessment of staffing needs. The psychological aspects of Human Resources flow systems are emphasized. Career issues are examined from the point of view of the employee and the organization. The coordination of Human Resources planning and organizational competitive strategy is covered.

Pre-requisites: Human Resources 3330.

credit hours: 3

HRDV 3700 Performance Appraisal and Productivity

Performance Appraisal and Productivity

This course includes developing and implementing performance appraisal systems appropriate for the organization's competitive strategy. Students are introduced to productivity-enhancing work designs such as Total Quality Management, teams, empowerment, and Business Process Reengineering.

Pre-requisites: Human Resources 3330. Instructor approval required for waiver of prerequisite.

credit hours: 3

HRDV 3820 Human Resources Information Systems

Human Resources Information Systems

Human Resource functions are rapidly being computerized. This course will cover computer

applications in Human Resources including applicant tracking, payroll and benefits administration, employee data bases, and other applications. Basic HR research and program evaluation will be introduced.

Pre-requisites: Human Resources 3330. Instructor approval required for waiver of prerequisite.
credit hours: 3

HRDV 3920 Employment and Labor Law

Employment and Labor Law

The Federal laws surrounding employment and their impact on Human Resource policies and practices are addressed in this class. These include the Equal Employment Opportunity Act, the Family and Medical Leave Act, Americans with Disabilities Act, Occupational Safety and Health Act, the National Labor Relations Act, and many others.

Pre-requisites: Human Resources 3330.
credit hours: 3

HRDV 3930 Industrial Relations

Industrial Relations

This course covers the fundamentals of Industrial Relations in the United States. It addresses the historical roots of the labor movement and its social and economic underpinnings. The major Federal laws governing the relationship between unions and employers are covered. The issues of union organizing, contract negotiations, impasses and strikes, contract administration and grievance systems are discussed. The key differences between unions in the public and the private sector are addressed. The trends in Industrial Relations are addressed, including labor-management cooperation, the decline of U.S. unions and the impact of globalization on U.S. unions. Union avoidance through good Human Resource practices is discussed.

credit hours: 3

JOUR 2010 Journalism and PR

Journalism and PR

This course introduces students to researching, reporting, and writing news stories for print, broadcast, Internet and other media. Through extensive reporting/writing assignments, guest speakers, and quizzes on current events, the course will cover the nature of news, journalistic style, the preparation of manuscripts for publication, the development of leads, interviewing techniques, selection and organization of facts, and the difference between various media styles.

credit hours: 3

JOUR 3010 News Writing and Reporting I

News Writing and Reporting I

This course develops research, organization, and composition skills for the production of professional-quality articles for publication in newspapers, magazines, Internet sites, and other media. It explores the knowledge and skills needed for building on story ideas by acquiring sources, researching effectively, and writing polished, informative stories.

Pre-requisites: JOUR 2010
credit hours: 3

JOUR 3400 On-Line Journalism

On-Line Journalism

This course is designed to enable students to streamline, enhance and tailor their writing for new media publications, online magazines and commercial web sites.

Pre-requisites: JOUR 2010 or instructor's permission.

credit hours: 3

JOUR 3600 Editing

Editing

This course explores the editing, layout and design practices of print media and develops the skills necessary for successful editors and desktop publishers. Students learn copy editing and preparation, composition strategies, layout, design, headline and caption writing, photo editing, and newsletter production.

Pre-requisites: JOUR 2010 and 3010 or instructor's permission.

credit hours: 3

JOUR 4010 News Writing and Reporting II

News Writing and Reporting II

This course further develops research, organization, and composition skills for the production of professional-quality articles for publication in newspapers, magazines, Internet sites, and other media.

Pre-requisites: JOUR 2010 and 3010 or instructor's permission

credit hours: 3

JOUR 4050 Investigative Journalism

Investigative Journalism

This course introduces students to the field of investigative journalism, including career prospects, ethical concerns, basic interviewing techniques, finding and following documented sources, and writing stories for maximum interest and impact. Students practice organizing materials and writing with clarity and precision.

Pre-requisites: JOUR 2010 and 3010.

credit hours: 3

HEWE 1400 Introduction to Health Sciences

Introduction to Health Sciences

This course offers a basic overview of human health with emphasis on basic organization of health care and public health systems.

credit hours: 3

HEWE 1800 Wellness in Contemporary American Society

Wellness in Contemporary American Society

A holistic approach to wellness is presented via the components of total fitness (physical, social, emotional, and intellectual). Content addresses both theoretical and applied perspectives of wellness that can be used in developing personalized exercise programs and healthy lifestyles.

credit hours: 3

HEWE 2010 Social Aspects of Health

Social Aspects of Health

Examination of health problems facing groups and communities, including those associated with environmental hazards.

credit hours: 3

HEWE 2220 Mind/Body Health

Mind/Body Health

This course will examine the influenced by physical, intellectual, social, spiritual and emotional determinants as they relate to the prevention, onset, and progression of, and recovery from, disease. The aim is to provide an overview of the mind/body connection in relation to overall wellness using established theoretical and applied perspectives.

credit hours: 3

HEWE 2230 Stress Management

Stress Management

This course examines stress from psycho-physiological and behavioral perspectives. It will afford each student the opportunity to experience various strategies used in coping with stress, e.g., self-mastery, meditation, imagery, exercise, nutrition, and cognitive restructuring. Various theories are discussed that serve as the foundation for the understanding of and coping with everyday stressors as well as those that occur unexpectedly.

credit hours: 3

HEWE 2330 Nutrition and Behavior

Nutrition and Behavior

This course is intended to bridge the gap between the theory and practice of nutritional science. Emphasis is given to the basic food constituents and their physiological relationships within the body. Topics will include but not limited to: the fundamental principles of normal nutrition; the interactions between diet and energy expenditure; gender differences; changes in nutrient needs throughout the life cycle; computer-assisted nutritional analyses; and, web-based nutritional sites. Includes the investigation of optimal health, allergies, hyperactivity, hypoglycemia, learning disabilities, eating disorders, delinquency, mental disorders and senility as they pertain to nutritional practices.

credit hours: 3

HEWE 3001 Special Topics

Special Topics

Special topics in Kinesiology.

credit hours: 3

HEWE 3002 Special Topics

Special Topics

Special topics in Kinesiology.

credit hours: 3

HEWE 3003 Special Topics

Special Topics

Special topics in Kinesiology.

credit hours: 3

HEWE 3004 Special Topics

Special Topics

Special topics in Kinesiology.

credit hours: 3

HEWE 3110 Exercise and Sport Psychology

Exercise and Sport Psychology

This course will examine the psychological and social-psychological antecedents and

consequences of exercise, physical activity and sports participation. Emphasis will be on theory and research on personality, motivation, arousal, cognition, attributions, leadership, and group dynamics.

credit hours: 3

HEWE 3120 Biomechanics

Biomechanics

This course is designed to develop an understanding of the application of mechanical principles to human movement and methods of motion analysis.

credit hours: 3

HEWE 3130 Lifespan Motor Development

Lifespan Motor Development

This course is designed to provide the student with a knowledge base in the study of changes in motor behavior across the lifespan, the processes that underlie these changes, and factors that affect them.

credit hours: 3

HEWE 3200 The Human Body

The Human Body

This course will focus on the structural and functional significance of the human body with emphasis on the specific systems of the body, including but not limited to skeletal, muscular, neurological, endocrine, respiratory, reproductive, and integumentary systems. This course will cover an introduction to common illnesses/disease processes/injuries specific to each body system.

credit hours: 3

HEWE 3220 Global Health

Global Health

This course will introduce students to critical issues in the current global health scene. Students will learn how to respond to global health problems in effective, culturally sensitive, and ethical ways. Emphasis is placed on the main principles of global health, including an analysis of global health systems, diseases, programs, health governance and policies, identification and interpretation of current relevant data sources, and multidisciplinary intervention strategies. Topics covered will include globalization and health, global health systems and economics, the global burden of chronic and infectious diseases, mental health issues worldwide, cultural humility and cultural competence, women and children

credit hours: 3

HEWE 3250 Issues in Women's and Men's Health

Issues in Women's and Men's Health

Students will explore health concepts as they apply to the particular health needs of women and men within the context of a gender-based health care system in the United States. The course will address: epidemiologic and sociological analysis of the major causes of morbidity and mortality of women and men; impact of social and behavioral influences; relationship of social, economic, and political inequality trends to women and men

credit hours: 3

HEWE 3330 Exercise, Nutrition, and Aging

Exercise, Nutrition, and Aging

Explores the benefits and risks of physical activity in later years, as well as the challenges and incentives that coincide with active living. Emphasis is on understanding the physiological and psychosocial changes of older adults, and developing skills in designing and implementing strategies to address specific, age-appropriate needs. Students the effect of diet, the evaluation of food products for nutrient content, the recommended components to promote weight control and energy balance from conception through adulthood on psychological and physiological states.

credit hours: 3

HEWE 3500 Cultural Differences in Healing

Cultural Differences in Healing

This course is designed to explore the impact of culture on the perception of health and illness, and how this translates into health-seeking behaviors and broader health systems. This course will present an anthropological view of health and illness through its various cultural markers, such as pain, stress, care vs. cure, diet, gender, doctor/patient relationships, mental health, among others. Other topics include epidemiology and research methods, and comparative health systems.

credit hours: 3

HEWE 3600 Economics of Health & Wellness

Economics of Health & Wellness

This course provides an introduction to the application of economic theory to the field of health and wellness. In particular, students will study the individual as a producer of health/wellness and as a consumer of healthcare services. Also, the role of physicians, hospitals, insurance providers, and the government in the health and medical care marketplace will be examined. Finally, the role of universal insurance and international comparisons of the efficiency and effectiveness of health care systems will be studied.

credit hours: 3

HEWE 3650 Childhood Obesity

Childhood Obesity

This course will examine the prevalence and impact of obese conditions on disease development in childhood and adolescence. The course will analyze current evidence focused on interventions used in the behavior and clinical management of overweight and obese youth in community and clinical settings.

credit hours: 3

HEWE 3910 Independent Study

Independent Study

Students complete an independent project under the supervision of a faculty member. Approval is required by the Program Director.

credit hours: 3

HEWE 4010 Catastrophic Illnesses and Injuries

Catastrophic Illnesses and Injuries

This course reviews the many catastrophic diseases and epidemics that have ravaged human populations, past and present, and how societies have understood and responded to these challenges over time. Possible changes in social conventions, information sharing and healthcare practices which may be necessary to deal with current and future epidemics are

discussed. Lessons learned from previous catastrophes may help to deal with future ones.

credit hours: 3

HEWE 4030 Exercise Physiology

Exercise Physiology

Basic human physiology with emphasis on the physiological changes associated with exercise and overload that affect the underlying function of cells and organ systems of the human body.

credit hours: 3

HEWE 4050 Mass Media and Health

Mass Media and Health

This course examines the effects of mass media on population health, from the negative impact of advertising of unhealthy products (e.g., cigarettes, alcohol and junk food), to the positive impact of public health campaigns. Content includes an overview of behavioral science theory, themes and approaches to advertising, mass media prevention, and health promotion campaigns. Case studies of current media coverage and advertising campaigns will be used to demonstrate the effects of media on health and social behavior.

credit hours: 3

HEWE 4070 Motor Learning

Motor Learning

This course is an introduction to applied and basic theoretical aspects of motor learning as they apply to exercise science and related professions. It also includes a major hands-on component introducing the student to the experimental study of motor learning principles.

credit hours: 3

HEWE 4110 Sports Medicine

Sports Medicine

This course will examine therapeutic modalities and the advanced care, prevention, and treatment of athletic injuries.

credit hours: 3

HEWE 4120 Strength & Conditioning

Strength & Conditioning

This course will examine the development and evaluation of training principles and programs for diverse populations. Emphasis is placed on physiological adaptations and mechanical principles related to the application of resistance training.

credit hours: 3

HEWE 4150 Exercise Prescription

Exercise Prescription

This course presents students with the most current information on health-related physical fitness testing and exercise programming for individuals of all ages, fitness levels, and disease states.

credit hours: 3

HEWE 4200 Mental Health

Mental Health

This course examines mental health issues in the context of social, environmental, governmental, and legal conditions.

credit hours: 3

HEWE 4250 Environmental Health

Environmental Health

This course provides students with an introduction to scientific approaches to the investigation and modification of the effects of environmental factors on human health. Contributions of the fields of toxicology and epidemiology and the implications of research findings for policy and regulation are examined. The roles of local, state, and federal governments in environmental health are critically evaluated, as are initiatives by non-governmental organizations.

credit hours: 3

HEWE 4600 Wellness Coaching

Wellness Coaching

This course will explore the trans-theoretical model of behavior change as it pertains to any desired individual behavioral shift. In addition, motivational interviewing strategies to include non-confrontation, reflective listening, client self-efficacy, and risk reduction will be emphasized in this course. Participants will become knowledgeable in the philosophies, practices, and outcomes of models of behavior change.

credit hours: 3

HEWE 4650 Grant Writing

Grant Writing

This course will provide students with the background necessary to develop a competitive funding proposal. Students will also be informed about local, state, and federal funding sources for various healthcare sources.

credit hours: 3

HEWE 4910 Independent Study

Independent Study

Students complete an independent project under the supervision of a faculty member. Approval is required by the Program Director.

credit hours: 1

HEWE 4920 Independent Study

Independent Study

Students complete an independent project under the supervision of a faculty member. Approval is required by the Program Director.

credit hours: 2

HEWE 4930 Independent Study

Independent Study

Students complete an independent project under the supervision of a faculty member. Approval is required by the Program Director.

credit hours: 3

HEWE 5001 Internship

Internship

This course will help students bridge between college or work or between current careers and the next. Students complete a minimum of 100 hours field experience in a Health and Wellness related facility. This course is to be taken during the senior year of study for the student or with approval of the Program Director. Students are required to turn in a weekly timesheet and weekly journal summaries detailing their duties and experiences on the internship site. Upon completion

of the internship, students will submit a final paper and an evaluation from the internship site supervisor. A 2.5 grade point average is required for enrollment in the internship. All internships must be approved by Program Director.

credit hours: 3

HEWE 6100 Cross-Disciplinary Aspects of Health and Wellness Management

Cross-Disciplinary Aspects of Health and Wellness Management

This course examines overall management of wellness programs and facilities with an emphasis on human resource management. Future wellness professionals will enhance their knowledge of how these elements can be applied to wellness management settings. Topics include organizational structure, training and managing staff, financial management, legal and ethical concerns and customer service relations.

credit hours: 3

HEWE 6250 Leadership in Health & Wellness Professions

Leadership in Health & Wellness Professions

This course surveys major concepts, examples, practices, and theories of organizational leadership with a special emphasis on analyzing and developing personal leadership skills. It is designed to build upon fundamental leadership theories, e.g. situational, charismatic, servant, transactional/transformational, path-goal, trait leadership, skill-based, and the life cycle theory. Participants will study the theoretical and applied nature of administration and leadership with an organizational context in efforts to develop their personal and philosophical framework, e.g. understanding individuals as followers and leaders, decision-making, promoting diversity and respect for all individuals.

credit hours: 3

HEWE 6450 Legal and Ethical Principles of Wellness Management

Legal and Ethical Principles of Wellness Management

This course provides students with the opportunity to gain insight and understanding about the law and its implications on professionals in the fields of health, wellness, sport, education, leisure, and fitness. This course will examine federal, state, and local health care regulations impacting ethical decision-making; the rapidly expanding Codes of Professional Ethics for health care service providers in the fields of health, wellness, sports, education, leisure, insurance, and management; the legal aspects of health information management; and the HIPAA Privacy Standards and rules concerning the use and disclosure of medical and health information.

credit hours: 3

HEWE 6650 Research Methods in Kinesiology

Research Methods in Kinesiology

In this course, students will investigate research methodology, experimental design and scientific writing, research literature and conduct research. Students will also be introduced to concepts in probability, basic statistical inference procedures of estimation, confidence intervals and hypothesis testing directed toward applications in science.

credit hours: 3

HEWE 7100 Exercise and Nutrition in Health Disease

Exercise and Nutrition in Health Disease

This course addresses the key health concerns and core differences in programming needs of various populations throughout the life cycle. An examination of nutritional concerns,

requirements and metabolism from psychosocial, physical, and economic factors affecting nutritional status through the life span. Preparation of the health professional in assessing and providing services to clients and populations will be addressed. Students will also learn the roles that physical activity and nutritional practices play in the prevention, management, and treatment of chronic diseases and conditions, such as obesity, cardiovascular disease, cancer, diabetes, COPD, arthritis, depression, and anxiety. Populations of focus include children, adolescents, adults, and senior citizens. Methods of physical activity and nutritional assessment for each stage of the life cycle will be examined.

credit hours: 3

HEWE 7150 Programming Approaches in Health and Wellness

Programming Approaches in Health and Wellness

This course provides an overview of leading health program planning theories including PRECEDE/PROCEDE and intervention mapping. Organizational and administrative approaches utilized in the conduct of health/wellness promotion programs will be described. Emphasis will be placed upon the selection, development, promotion, conduct, and evaluation of the various components of health/wellness promotion programs.

credit hours: 3

HEWE 7200 Health and Wellness Intervention Strategies

Health and Wellness Intervention Strategies

This course will provide students with an understanding of the process involved in planning health interventions in health education and health promotion environments. Practical applications of the needs assessment process, program development and implementation will be executed including the skills, theory and practice involved in assessing clients to develop health related life skills.

credit hours: 3

HEWE 7250 Motivational Interviewing for Health Managers

Motivational Interviewing for Health Managers

This course will include content of exploration into the attitudes and motivations of personal health behavior and an in-depth exploration of motivational interviewing principles and applications.

credit hours: 3

HEWE 7300 Employee Health & Worksite Wellness

Employee Health & Worksite Wellness

The relationship of employee health to healthcare costs and productivity will be discussed as a return on investment (ROI) and an investment in human capital. Strategic and product management planning are developed in relationship to disease management versus population wellness theory. Assessments of employer needs, organizational culture, environmental policy, and procedures supportive to desired outcomes are practiced. Professionals learn about aligning client needs and wants with best practice programs design, implementation, and evaluation for successful results. Age, gender, race, and issues that affect participation in wellness programs are reviewed.

credit hours: 3

HEWE 7350 Integrating Health Promotion and Wellness into the School Setting

Integrating Health Promotion and Wellness into the School Setting

This course addresses the growing demand for wellness initiatives for students, their families, and school staff. The coordination of teachers, school nurses, school administrators, and community health promotion professionals will set the stage for a comprehensive approach to building wellness programming within the school community.

credit hours: 3

HEWE 7400 Health Systems and Policy for Wellness Managers

Health Systems and Policy for Wellness Managers

This course provides information pertaining to the U.S. healthcare system with emphasis on health and wellness. It provides an overview of the major public and private stakeholders including public health, insurance, and healthcare providers. Participants will examine how health policy impacts the design and financing of wellness programs.

credit hours: 3

HEWE 7450 Health Equity and Determinants

Health Equity and Determinants

This course is designed to examine the impact of social, economic, and environmental determinants of health on various populations. Health inequities found among marginalized groups due to socioeconomic status, race/ethnicity, sexual orientation, gender, disability status, geographic location, or some combination of these factors will be highlighted. This course will explore health outcomes found among these populations and will address health promotion policies required to attend to these issues.

credit hours: 3

HEWE 7800 Internship

Internship

The goal of this experience is to provide graduate students in Health Promotion and Wellness Management with an opportunity to apply the professional knowledge they have gained in their coursework to a professional setting. In addition to participating in the daily operation of the site, the student will complete a major project on site and submit a document that describes the learning experience.

credit hours: 3

BSMT 2200 Special Topics in Management

Special Topics in Management

credit hours: 3

BSMT 2250 Business Communications

Business Communications

This course focuses on the three main areas for learning: The theoretical - a brief background and sources of communication theory. The practical tools of communication theory as they apply to the world of work. The experiential putting the tools to work in both a classroom setting and in a real world "business setting."

credit hours: 3

BSMT 2310 Principles of Management

Principles of Management

Analysis of the basic management process such as planning, organization, coordination and control. Survey of the various schools of management thought with emphasis on the process, human behavior and quantitative schools of management. No prerequisites are required.

credit hours: 3

BSMT 2750 Introduction to Franchising

Introduction to Franchising

This course will examine franchising as a business form. During the semester, students will study franchising from the perspective of both the franchisor and the franchisee covering all relevant issues, including franchising agreements and related documents, financing, site selection, marketing, financial management and operations. the course will examine the franchisee/franchisor relationship, contractual requirements, trademarks, territorial rights, compliance issues, legal considerations and current issues in franchising.

credit hours: 3

BSMT 3250 Business Statistics

Business Statistics

A survey of some of the more important concepts and techniques of statistics. Illustrations are drawn from the business world; in particular, time series analysis and index numbers are introduced. Students are brought in contact with computer implementation of statistical procedures. It is recommended that the student have a background in high school algebra. Meets math proficiency requirement for Bachelor of Arts degree only.

credit hours: 3

BSMT 3340 Managing Organizational Behavior

Managing Organizational Behavior

This course is an introduction to how organizations function. The student will develop abilities to diagnose and respond more flexibly in organizations they participate in and explore and reflect critically on key themes in modern organizations. Major emphasis is placed on teams, globalization and diversity, interpersonal and group communication, organizational cultures and negotiating the fit between the individual and the organization.

credit hours: 3

BSMT 3380 Business Ethics

Business Ethics

A theoretical critique and case oriented analysis of the moral, ethical, and value issues that challenge business, industry, and corporate life with a view toward discovering ethical principles and strategies applicable to the management process. Also, in response to the recent barrage of charges of breaches of ethical conduct by business leaders (WorldCom, Enron, Arthur Anderson, Martha Stewart Living Omnimedia, ImClone, Tyco, etc.), one module of the course will be devoted to the exploration of your personal business ethics code of conduct.

credit hours: 3

BSMT 3600 Entrepreneurship

Entrepreneurship

This course gives a brief historical survey of entrepreneurship, discusses the personality traits common to many entrepreneurs, explores ways to analyze new venture opportunities from marketing, production, and organizational perspectives; and reviews the legal considerations involved in starting a business and protecting a new venture idea. Special emphasis is placed on solving the problem of financing the new venture.

Pre-requisites: Finance 2210 and Marketing 3200 or approval of instructor.

credit hours: 3

BSMT 3650 Developing a Small Business

Developing a Small Business

This course is designed to introduce students to the essentials of small business start-up and management. This course will teach students how to locate and to analyze opportunity, set up the operating structure, develop marketing and financial plans, and utilize financial reports for effective management of a developing small business.

credit hours: 3

BSMT 3700 Global Business

Global Business

What is globalization and why is it sometimes portrayed as the devil incarnate and at other times as our salvation? The first question is more technical whilst the second gives rise to emotional responses that sometimes frequent the front page whenever there is a meeting of international economic leaders. We will be focusing our studies on the first question to allow you to explain business in this context and then to inspire critical thinking and discussion. This course will touch on most aspects of global business; economics, finance, management, legal, ethics, culture, and risk.

credit hours: 3

BSMT 3750 Business Internships

Business Internships

This course is designed to help students prepare for a career in business through both education and experience. Students will be required to spend 75 hours working in a business office. The internship will be secured by the student with assistance from the professor. In addition to the 75 hour requirement, students will attend all class meetings scheduled. These class meetings are for the student's benefit and designed to enhance their professional work experience.

Notes: The Business Internship class should be taken during your last year of study for the Associate's Degree.

credit hours: 3

BSMK 2200 Special Topics in Marketing

Special Topics in Marketing

credit hours: 1-3

BSMK 3200 Introduction to Marketing Principles

Introduction to Marketing Principles

A study of our present-day marketing system from a managerial point of view. Subjects covered include products, consumers, promotion, channels of distribution, market research, pricing, marketing, feasibility analysis, marketing law and international marketing. The majority of class time is spent in lecture and discussing solutions to marketing cases by the application of marketing principles. An out-of-class project is required in which student groups observe actual business operations of their choice and analyze particular problems that these businesses are encountering.

credit hours: 3

BSMK 3300 Consumer Behavior

Consumer Behavior

Understanding the consumer is the key to developing and implementing successful marketing strategies. Disciplines such as psychology, sociology, and anthropology provide insight into the

factors that influence the decision to buy. These factors are used to identify market segments and to explain their buying habits and mental processes.

credit hours: 3

BSMK 3400 Principles of Advertising

Principles of Advertising

This course covers the fundamentals of advertising, beginning with the history and evolution of advertising as an element in the economy, a specialized form of communication, a craft, and an area of ethical sensitivity. At the practical level, students will be introduced to media planning and the emergence of new media, market research, agency organization and creativity as well as the legal and ethical concerns that advertising professionals must bear in mind.

credit hours: 3

BSMK 3410 Advertising II

Advertising II

This course requires the students to put together projects and advertising campaigns that should enhance their understanding of advertising and give them meaningful projects for their portfolio.

credit hours: 3

BSMK 4100 Marketing Research Design

Marketing Research Design

This course focuses on the fundamental techniques and skills of marketing research today, including research and survey design, data collection methods, behavioral science techniques, computer programs and techniques for statistical analysis, and marketing applications for new product development and testing, sales forecasting, and advertising for retail, industrial and international markets.

credit hours: 3

MLAR 7010 Classics of Ancient Political Thought

Classics of Ancient Political Thought

This course will be devoted to a study of classical works of ancient political philosophy in the Western tradition, with an emphasis on Plato and Aristotle.

credit hours: 3

MLAR 7020 Classics of Modern Political Thought

Classics of Modern Political Thought

This course will be devoted to a study of classical works of modern political philosophy in the Western tradition, covering such thinkers as Machiavelli, Hobbes, Locke, Rousseau, Marx, or Mill.

credit hours: 3

MLAR 7030 Masterworks of Western Literature I

Masterworks of Western Literature I

This course will examine literary works, ancient and medieval, that have played an important role in shaping Western thought and imagination.

credit hours: 3

MLAR 7040 Masterworks of a Western Literature II

Masterworks of a Western Literature II

This course will examine literary works central to the Western tradition from the Renaissance to

the 20th century.

credit hours: 3

MLAR 7050 Understanding America 1

Understanding America 1

This course is an intense analytical investigation of social, political, economic, religious, and philosophical issues in the early years of the American republic. The course examines the people and events of the founding of the American republic from the revolution, through the creation of the American Constitution, and culminating in the election of 1800. This course is primarily an intellectual history course and the main scholarly work that we will read is the work of historians, but the course also delves deeply into issues in political theory, political economy, and political and social philosophy. The course charts the development of American political ideas about constitutionalism, governance, political freedom, economic freedom, representative democracy, republicanism, and federalism primarily from the vantage point of the careers of two of the main figures from this period, John Adams and Thomas Jefferson. The views of other figures will also be central to our investigation, particularly the views of James Madison and Alexander Hamilton. The student will be challenged to examine fundamental assumptions about these topics in order to rethink the intellectual origins of the American political tradition in its founding years.

credit hours: 3

MLAR 7060 Understanding America 2: Philosophy of Richard Rorty

Understanding America 2: Philosophy of Richard Rorty

This course is an intense encounter with the work of perhaps the most significant, original, and influential philosopher in American history, Richard Rorty (1931-2007). The material that we read will cover all the main aspects of Rorty

credit hours: 3

MLAR 7080 The Economic World: Causes and Consequences of the Great Recession - Spring 2011

The Economic World: Causes and Consequences of the Great Recession - Spring 2011

This course examines the causes and consequences of the Great Recession, the economic crisis of 2008 and beyond. Over the past thirty years, the economic and political landscape of the world has been transformed by sweeping economic changes that reflect the influence of the once marginalized but now dominant ideology of neo-liberalism and

credit hours: 3

MLAR 7100 The Representation of War in Literature and Film

The Representation of War in Literature and Film

In this course we will look at the ways war has been portrayed by writers or film directors and address a number of important questions: Why do countries go to war? When, if ever, is resorting to war legitimate or necessary? What are the psychological effects of the experience of battle? What standards of human character are invoked in time of war?

credit hours: 3

MLAR 7111 Knowledge and Society

Knowledge and Society

This course examines several related questions about knowledge and belief in society. We begin by asking what knowledge and truth might be, and how they have been classically

understood. We then ask core questions about what we know: Is knowledge or truth relative to culture, society or tradition? How should an individual knower treat the fact that other equally intelligent people disagree? And since we rely on others for knowledge, when can we trust them? Finally, we ask what the political and ethical repercussions might be of relativism or disagreement.

credit hours: 3

MLAR 7122 King Arthur: History and Legend

King Arthur: History and Legend

In this course, we will investigate the evidence, both textual and archaeological, for the existence of an historical Arthur, King of the Britons, and will then consider how that evidence was transformed into an imaginative cycle of stories concerning kingship and chivalry that were highly influential within and beyond the Middle Ages. We will pay particular attention to three themes: the ideals of monarchy and knightly behavior that inform the Arthurian stories (e.g. the medieval theory of the divine right of kings); the development within the Arthurian materials of ideas about medieval romantic love or fin amor, especially in representations of the passionate but doomed relationship between Lancelot and Guinevere; and the mystical dimensions of Arthurian romance, as these emerged from writings about the Round Table fellowship

credit hours: 3

MLAR 7123 Robin Hood

Robin Hood

This course will explore the legendary history of the medieval outlaw figure, Robin Hood, as it developed through the Medieval and Early Modern periods and into our own century. We will begin by examining historical and archaeological evidence for the person

credit hours: 3

MLAR 7130 Love, Romance, and Marriage in Literature and Film

Love, Romance, and Marriage in Literature and Film

In this course we will look at the portrayal of love, romance, and marriage in modern society in short stories, plays and films.

credit hours: 3

MLAR 7133 Culture and the Politics of Marriage

Culture and the Politics of Marriage

This is a masters level seminar on the social institution of marriage. This course engages questions such as: What is marriage? Where does our notion of marriage come from? How does popular culture act to construct and reinforce that notion and make it part of our taken-for-granted stock of knowledge?

credit hours: 3

MLAR 7160 Contemporary Culture in Literature and Film

Contemporary Culture in Literature and Film

In this course we will look at problems in our contemporary culture as they have been represented in short stories, plays, and films.

credit hours: 3

MLAR 7161 Civil War New Orleans

Civil War New Orleans

This course is a seminar which emphasizes reading, discussion, research, and writing. Despite

the contentions of some historians, the Civil War had a profound impact on the people and history of New Orleans. During the late antebellum period (1840s-1850s), the city was the principal slave market in the nation. This domestic trade fueled the lower south and New Orleans's economic development. Slavery shaped the economic and social character of the south, over the years creating not only a society with slaves, but also a slave society. Despite its dominance and apparent unanimity, slavery was also a contentious and divisive institution. Slavery in New Orleans was no exception to these twin dynamics. The historical record—newspapers, acts of sales, successions, census records, and private correspondence—demonstrate the centrality of slavery to New Orleans's antebellum society. On the other hand, the city's complex racial, ethnic, and sectional composition heightened political and social tensions, raising suspicions and fears about racial identity, naturalization and citizenship, and loyalty. Slavery and ethnicity shaped issues of civil liberties, criminal justice, and politics. The presidential and secession elections of 1860 and 1861 sharply divided New Orleans, as they did throughout much of the urban south. These divisions did not disappear with mobilization and civil war, but were only intensified in the hothouse of occupation, reunion, reconstruction, and, above all, loss. New Orleans suffered greatly during and after the Civil War. Thousands of men were killed or died from wounds and disease and even more were maimed physically and scared emotionally. The fighting ended, but the war continued beyond Appomattox Court House. To this day, the privileges and immunities of American citizens are intensely debated, bringing not only hope but also rancor and division, as much as they did in antebellum New Orleans and America.

credit hours: 3

MLAR 7200 Liberty and Diversity

Liberty and Diversity

This course examines some traditional philosophical grounds for accepting liberty, and then considers contemporary challenges. Along the way, we will discuss the role that community and tradition should play in a pluralistic society.

credit hours: 3

MLAR 7240 Justice, Law, and Public Policy

Justice, Law, and Public Policy

This course will examine considerations of justice and morality that help shape law and public policy. Issues to be discussed may include: crime and punishment, drugs, gun control, treatment of enemy combatants, torture, surveillance and privacy, free speech and national security.

credit hours: 3

MLAR 7245 Medieval New Orleans

Medieval New Orleans

By way of numerous Power Point tours of on and off campus sites and materials, as well as our reading of a popular American novel, Mark Twain's *A Connecticut Yankee in King Arthur's Court*, this course will consider the influence of medieval culture and ideas on New Orleans and, to some extent, Southern culture in general, especially during the post-Civil War period and Reconstruction. For instance, we will discuss medieval architectural styles preserved in Tulane and other local buildings (Richardsonian Romanesque and Gothic Revival), experience medieval music by New Orleans Musica da Camera (a special guest performance), and explore real medieval manuscript materials from the Tulane Rare Books Room in Jones Hall. We will also talk about medieval influences on such pre-Lenten festivals as Mardi Gras and on such regional foods as gumbo and turducken. Class will conclude with our viewing of a musical film

version of Connecticut Yankee, which suggests how Hollywood adapted medieval experience to bring it in line with certain nineteenth-century attitudes toward the Middle Ages. Three written assignments: a midterm (essay format), short critical paper (5 typed pp.), and a final examination (on course terminology). Required Text: Mark Twain, A Connecticut Yankee in King Arthurs Court, ed. by MLAR Justin Kaplan (New York: Penguin, 1972).

credit hours: 3

MLAR 7250 Verbal and Visual Rhetoric

Verbal and Visual Rhetoric

This course will focus on theories and practices of verbal discourse in comparison with visual imagery and technology. While concentrating on rhetorics of western cultures, some comparison will be made with rhetorical discourse and imagery in other cultures. The course will examine topics such as the interfaces of religion and politics, mass media and persuasive campaign, or the role of values in institutional leadership and issue campaigns.

credit hours: 3

MLAR 7500 Independent Study

Independent Study

For specific topics, see Schedule of Classes.

credit hours: 3

MLAR 9980 Master's Research

Master's Research

credit hours: 0

MDAR 1020 Introduction to Digital Design

Introduction to Digital Design

This course explores the basic issues of Digital Design as a career path. The course examine the role of digital designers and their work through various media including illustration, graphic design, photography, animation, web design, surface decoration, video and other multi-media. The course also covers legal and ethical issues in design, priding and trade customs for various media within digital design, and the use of contracts and negotiation.

credit hours: 3

MDAR 2200 Digital Illustration

Digital Illustration

This course explores basic issues of illustration, using the computer as a drawing tool. Students are introduced to both creative and professional applications of technology to drawing, color theory and systems, and computer-based artistic production with design software. The course examines the role of digital illustration in art history and addresses the application of classroom knowledge to solving problems in desktop publishing. (Satisfies humanities requirement for SoPA students)

credit hours: 3

MDAR 2300 Digital Imaging

Digital Imaging

This course provides students with the knowledge and skills needed for computer-based photo manipulation, including the basics of drawing and painting. Students learn Photoshop software and desktop skills to produce and edit bitmap images. The course also provides instructions in the application of classroom knowledge to solving problems in desktop publishing, including an

overview of preparing Photoshop projects for pre-press productions.

credit hours: 3

MDAR 2400 Screenwriting I

Screenwriting I

This course introduces students to the art and technical demands of contemporary screenwriting. Students explore the concepts of character, story, and dramatic structure of the screenplay while studying transformation of an idea into a finished script. Students are acquainted with strict standards of the screenwriting format and discuss the realities of professional screenwriting. Students will begin writing a full-length film script to demonstrate their skills in these areas. (This course is a prerequisite to MDAR 4200).

credit hours: 3

MDAR 2450 The Art and Craft of Film

The Art and Craft of Film

This course goes beyond critical and theoretical perspectives of film to explore the practical aesthetics of film from the viewpoint of filmmakers. Students learn to recognize the various technical, stylistic, and narrative options available to filmmakers in any given work, and to evaluate the aesthetic merit of the choices made by the artists. Course objectives include promoting insightful cinematic experiences and building skills by which students can articulate those insights. The course also explores various career options in the film industry.

credit hours: 3

MDAR 2500 The Art and Craft of Television

The Art and Craft of Television

Students trace the roles of television in the American lifestyle: surveillance, authority, communicator, entertainer.

credit hours: 3

MDAR 2810 Web Design I

Web Design I

This course teaches students how to become discerning users of the Internet and create efficient, useful, and usable Web pages. Students develop Internet and online searching and researching competencies in addition to Web design and information management skills.

credit hours: 3

MDAR 3200 Animation I

Animation I

This course provides students with the knowledge and the skills needed to expand upon skills learned in Intro to Computer Illustration. Students will create sequential images and animations based upon a story or theme for both print and the web. Students will continue to develop skills through concept-based assignments. Students will get hands on experience with a variety software packages while learning terminology as well as an overview of the history of illustrative animation to the present.

Pre-requisites: MDAR 2200

credit hours: 3

MDAR 3350 Graphic Design II

Graphic Design II

This course continues the skills developed in MDAR 2800 in design, grid systems, advertising

techniques, and electronic publication by providing students with in-depth proficiency in design principles and vocabulary. With QuarkXPress and Photoshop software, students learn advanced techniques in traditional graphic design and desktop publishing.

Pre-requisites: MDAR 2350, Graphic Design 1

credit hours: 3

MDAR 3400 Intermediate Screenwriting

Intermediate Screenwriting

This course further develops students

Pre-requisites: MDAR 2400 (Screenwriting 1) or instructor's permission

credit hours: 3

MDAR 3550 History of Radio

History of Radio

This course examines the past one hundred years of radio and how it has shaped our culture and us as individuals. Also, conversely, we will see how cultural forces have shaped, and reshaped, radio. Through reading, discussion, and critical listening of various formats of radio we will address questions such as: How has radio changed to address cultural voices? How has radio dealt with the building of audiences? How do people listen to or interact with different types of radio? In discussions and writing assignments we will also address these questions in the context of how radio figures into New Orleans as a community. We will also discuss the future of radio broadcasting via the Internet and otherwise.

credit hours: 3

MDAR 3810 Designing Websites

Designing Websites

This course explores advanced concepts in Web design with an emphasis on Visual communication and animation for the web including web 3D design and concerns. Students are introduced to both the creative and professional applications of technology towards visual impact, identity, clarity, narrative, organization and presentation of information for the interactive environment of the web. The course will also examine the role of the web designer and addresses the application of classroom knowledge to solving problems alone and in a team for desktop web publishing.

Pre-requisites: MDAR 2200, 2300, 2350 and 2810 or instructor's permission

credit hours: 3

MDAR 4300 Animation II

Animation II

This course provides students with the knowledge and the skills needed for computer based photo manipulation, 3D design and gives an introduction to 3D animation. Using state-of-the-art object, figurative, and landscape based 3D software, students learn to think in 3D and develop skills through concept based assignments. Students will get hands on experience with a variety of 3D software packages while learning terminology as well as an overview of the history of animation to the present.

Pre-requisites: MDAR 2200 and 3200

credit hours: 3

MDAR 4320 Digital Portfolio Development

Digital Portfolio Development

credit hours: 3

PRPA 1010 Intro to Mass Media

Intro to Mass Media

This course is designed to offer a broad appreciation of all types of media, and an understanding of how media shapes and reflects our culture. The course will examine the impact of books, newspapers, magazines, movies, radio, TV and the Internet. The course will also cover advertising and public relations and how these industries are used in mass media to shape consumer perceptions and behaviors.

credit hours: 3

PRPA 2010 Ethical Issues in the Media

Ethical Issues in the Media

This course discusses traditional moral theory and ethical philosophies while applying them to current-day issues, including truth in media, privacy, social justice, stereotyping, advertising, communications law and the Internet. Students are presented with case studies of events and issues surrounding various media as they focus on a systematic approach to making ethical decisions.

credit hours: 3

PRPA 2050 Media and the Law

Media and the Law

This course provides historical survey and analysis of the current and future trends in the development of the media-related law in America. Students explore media-related ethical theories and the law in current issues, case studies, and problem-solving scenarios. Students explore the moral philosophies that govern such concerns as royalties, copyright infringement, libel, and intellectual property. (Satisfies humanities requirement for SoPA students).

credit hours: 3

PRPA 2100 Visual Communication

Visual Communication

This course provides an introduction to visual literacy with the fundamentals of Visual Communications. Class discussions and assignments will demonstrate how these tools are used to communicate visually to an audience. The value, ethics, and methods of visual communicators will be explored and analyzed by discussing examples from graphic art, print, film/video slides, and computer graphics.

credit hours: 3

PRPA 2610 Principles of Public Relations

Principles of Public Relations

This course focuses on the communication between an individual or organization and the public to promote public acceptance and approval. Students explore traditional and emerging components of the public relations process through mass media, as well as the needs of different types of businesses, such as corporations, nonprofit organizations, and government offices.

credit hours: 3

PRPA 2650 Public Relations Writing

Public Relations Writing

Pre-requisites: PRPA 2610

credit hours: 3

PRPA 2700 PR Event Planning

PR Event Planning

Pre-requisites: PRPA 2610

credit hours: 3

PRPA 3610 Public Relations Campaigns

Public Relations Campaigns

This course studies real-life public relations cases with a view to understanding why some campaigns succeed while others fail. Special attention is given to contemporary cases and to development of the tools necessary for effective campaigns. Using contemporary campaigns as models, the course examines the development of public relations strategies and communications for employees, the media, the community, the consumer, and other relevant groups. Students also practice the elements of public relations research and writing.

Pre-requisites: PRPA 2610

credit hours: 3

PRPA 3650 Internet Public Relations

Internet Public Relations

This course explores the opportunities and special demands of digital media in the business and promotion of public relations and PR campaigns. Students are taught the techniques of using blogging, social networking and advanced web technology in the promotion and publicizing of public relations clients.

credit hours: 3

PRDM 2900 Digital Media Strategy and Theory

Digital Media Strategy and Theory

credit hours: 3

PRDM 3010 Creating Digital Content

Creating Digital Content

credit hours: 3

PRDM 3410 SEO & SEM Strategies

SEO & SEM Strategies

credit hours: 3

PRDM 4100 Digital Marketing Campaigns Capstone

Digital Marketing Campaigns Capstone

credit hours: 3

PRDM 4150 Digital Media Analytics & Reporting

Digital Media Analytics & Reporting

credit hours: 3

PRDM 4200 Customer Relations and Database Marketing

Customer Relations and Database Marketing

credit hours: 3

PRDM 4200 Customer Relations and Database Marketing

Customer Relations and Database Marketing

credit hours: 3

PRLW 1010 Understanding the Law

Understanding the Law

Students will explore the interplay between America's legal system and our social structure. This includes a detailed analysis and discussion of the development of social, economic, and political relationships and how the legal system affects and imposes upon those relationships. The students will also study and discuss the functions of the federal and state court systems and their accessibility and availability to citizens of varying socioeconomic means.

Notes: Satisfies social science requirement for School of Professional Advancement majors.

credit hours: 3

PRLW 3900 Special Topics

Special Topics

Recent special topics include Understanding Civil Rights/Liberties and Understanding Criminal Law/Procedure.

credit hours: 3

REAL 2200 Special Topics in Real Estate

Special Topics in Real Estate

credit hours: 3

REAL 2320 Principles and Practices of Real Estate

Principles and Practices of Real Estate

This course discusses the real estate business, market, ownership and interests, contracts, land surveying, property description, title transfers, closings, financing, mortgage market, liens, taxes, assessments, brokerage, appraisal, leases and property insurance. Experts in special fields contribute to lectures and discussions.

credit hours: 3

REAL 2450 Introduction to Urban Planning

Introduction to Urban Planning

An examination of the rules and regulations governing land use controls and how these must be taken into consideration throughout design and construction phases. The student will come to understand the necessity for such regulations and the importance of conforming to them.

credit hours: 3

REAL 3320 Advanced Real Estate Principles

Advanced Real Estate Principles

This course presents the principles of Real Estate that are necessary for effective decision making in the marketing of real estate, purchasing of real estate, and buy-hold-sell situations. The student will study factors of supply and demand, financing options, investment analysis, and the development process use in decision making by real estate developers. (Discounted Cash Flows) The Louisiana Real Estate Commission has approved this course for 45 hours towards resident and general appraisal certification.

credit hours: 3

REAL 3340 Real Estate Law

Real Estate Law

Legal aspects of real estate, including sales, mortgages, leases, servitudes, successions, wills,

closing costs and procedures, judgments, liens, surveys, purchase contracts, condominiums and townhouses.

credit hours: 3

REAL 3350 Real Estate Appraisal I

Real Estate Appraisal I

This introductory course emphasizes appraisal principles and procedures. Special topics include the new appraisal law, changes in current appraisal standards of professional practice, and report writing techniques. A field inspection and the preparation of a factual demonstration report is part of the course.

credit hours: 3

REAL 3360 Real Estate Appraisal II

Real Estate Appraisal II

This course is a continuation of Real Estate Appraisal I and an introduction to appraising income-producing property. The emphasis is on the development of income and expense statements and the use of capitalization techniques. This course also includes a seminar on the uses of computers in appraising real estate.

credit hours: 3

REAL 3400 Real Estate Brokerage

Real Estate Brokerage

This course is designed to give an overview of general real estate brokerage. It includes the broker and the license law, the real estate commission, the specialist and the generalist in brokerage, when and how to expand, sales personnel, recruiting, training and supervision, administration of the brokerage operation, and other topics pertaining to the day-to-day brokerage business.

credit hours: 3

REAL 3510 Real Estate Finance

Real Estate Finance

An introduction to residential, multi-family, and commercial financing. The course covers government guaranteed loans, conventional loans, and innovative financing. Guest speakers are brought in to lecture on construction loans, appraisals, title insurance, private mortgage insurance and legal aspects of the mortgage.

credit hours: 3

REAL 3600 Current Issues in Real Estate

Current Issues in Real Estate

This course will be taught as a seminar. Topics include: creative financing, advanced investment structuring, time sharing, property insurance, transferring title-recording, taxes and assessments, real estate appraisal, condominiums, leasing real estate, syndication exchange, and historic preservation. There may be changes in these subject areas as the interest and accent change from year to year.

credit hours: 3

BSEN 3310 Business Report Writing

Business Report Writing

This course addresses skills for writing in the business environment. Students learn to differentiate various styles and voice and the documents and occasions appropriate for them.

credit hours: 3

SPEC 1400 Persuasive Public Speaking

Persuasive Public Speaking

Principles of audience analysis, speech composition, and delivery. Special attention is given to persuasive techniques

Notes: Credit will not be given for both COMM 121 and USPC 140.

credit hours: 3

SPEC 3110 Dynamics of Group Communication: Skills, Concepts, and Characteristics

Dynamics of Group Communication: Skills, Concepts, and Characteristics

An analysis of the impact of social, psychological, emotional and environmental factors on the small-group decision-making process. Emphasis is on the study and application of current problem-solving theories and techniques. (Satisfies humanities requirement for SoPA students.)

credit hours: 3

School of School of Science and Engineering Courses

[COSC 3000 C++ Programming for Science and Engineering](#)

C++ Programming for Science and Engineering

This course begins with an introduction to C++ and will cover up to relatively sophisticated programming techniques including data structures, abstract data types, interfaces, and algorithms. The goal is for the student to get a taste of the design and implementation of large programs and to become proficient at programming in C++.

credit hours: 3

[AGST 7020 Interdisciplinary Seminar on Aging I](#)

Interdisciplinary Seminar on Aging I

This course is the first in a two-part, team-taught seminar series designed to introduce students to the behavioral, biological, cognitive, physiological, and societal impact of aging. In particular, presenters in this course will focus on the interactive relationships between common and diverse disciplines. Special emphasis will be given to integrating knowledge and practices from across the academic community into a research approach that will serve to expand the general understanding of aging but also translate into applied practices or technologies. This course will also discuss what it means to become older within a community, what a person can expect during the aging process, and what kind of control an older person has over their aging body.

Pre-requisites: Approval of Instructor.

credit hours: 3

[AGST 7040 Interdisciplinary Seminar on Aging II](#)

Interdisciplinary Seminar on Aging II

This course is the continuation of a two-part seminar series designed to introduce students to the behavioral, biological, cognitive, physiological, and societal changes associated with aging. In particular, presenters in this course will focus on the interactive relationships between common and diverse disciplines. Special emphasis will be given to integrating knowledge and practices from across the academic community into a research approach that will serve to expand the general understanding of aging but also translate into applied practices or technologies. This course will also discuss what it means to become older within a community, what a person can expect during the aging process, and what kind of control an older person has over their aging body.

Pre-requisites: AGST 7020 and approval of instructor.

credit hours: 3

[AGST 7060 Topics in Aging Research I](#)

Topics in Aging Research I

This team-taught course introduces students to aging research topics and methods.

Pre-requisites: Approval of instructor.

credit hours: 1

[AGST 7080 Topics in Aging Research II](#)

Topics in Aging Research II

This team-taught course is a treatment of select topics and methods in aging research for

advanced students.

Pre-requisites: AGST 7060 and approval of Instructor.

credit hours: 1

AGST 7100 Seminar on Aging

Seminar on Aging

This team-taught course is a treatment of advanced topics and methods in aging research for graduate students.

Pre-requisites: AGST 7020, AGST 7040 and approval of Instructor.

credit hours: 1

ASTR 1000 Descriptive Astronomy

Descriptive Astronomy

A one-semester survey of astronomy for the liberal arts student. The solar system, properties and evolution of stars and galaxies, and cosmology. Recent discoveries in astronomy are emphasized.

Notes: Students who take 1000 may not take 1010 or 1020.

credit hours: 3

ASTR 1010 The Solar System

The Solar System

The organization and origin of the solar system, the earth in motion, the sun, the moon, the planets, comets, and meteors.

Notes: Not open for credit to students who have completed 1000.

credit hours: 3

ASTR 1020 Stellar Astronomy

Stellar Astronomy

The stars, their distances, spectra, magnitudes. Stellar atmospheres and interiors, stellar evolution. Variable and collapsing stars, nebulae, galaxies and cosmology.

Notes: Not open for credit to students who have completed 1000.

credit hours: 3

ASTR 1100 Observational Astronomy

Observational Astronomy

Activities, readings, and projects in observational astronomy. This course provides students with practical experience in observational techniques, while guiding them to an understanding of the role of measurement in the scientific method.

Pre-requisites: ASTR 1000 or approval of instructor.

credit hours: 3

ASTR 3010 Archaeoastronomy

Archaeoastronomy

A study of ancient Old- and New-World astronomy as exhibited in archaic myth, megalithic monuments, Mesoamerican buildings, stelae and manuscripts, and alignments of archaeological sites. The fundamentals of spherical astronomy will be presented, with emphasis on horizon phenomena, making it possible to explore the implications of possible astronomical alignments, astronomical content of Mesoamerican codices, and the sky-lore of a variety of cultures. Special attention will be given to early Bronze Age megalith monuments in Britain, to Middle American astronomy, and to astronomy of the Native American Indians.

Notes: See also Physics 6070, Physics 6750.

credit hours: 3

SCEN 4110 Basic Medical Biochemistry

Basic Medical Biochemistry

Basic Medical Biochemistry aims to establish the student's biochemical competency for admission to medical school and success in the first-year medical curriculum. The course focuses on topics, mechanisms, and analyses that are most relevant to human health and disease, including biomolecule structure and function, gene regulation, and metabolism in cancer, diabetes, and heart disease. The instructors are faculty in the Tulane Medical School, and classes are held on the medical campus. Course topics are drawn from those addressed by Tulane medical students. Instructional methods include those currently employed in the Tulane Medical School, such as the flipped classroom and team-based learning. Students will be provided an array of learning aids, including instructional videos. Pre-requisite: CHEM 2410 and junior standing or instructor approval. Course does not count towards major requirements in CMB, BIOC, CHEM, or CHE. Credit not given for this course and CELL 4010/6010, CHEM 3830, CENG 4450 or CENG 4460.

Pre-requisites: CELL 2050 or EBIO 2070 and CHEM 2410

credit hours: 3

BMEN 2020 Computing Concepts and Applications

Computing Concepts and Applications

This course introduces students to the foundations of algorithm development and programming, basics of matrix algebra and numerical analysis, solving ordinary differential equations.

credit hours: 4

BMEN 2310 Product and Experimental Design

Product and Experimental Design

The objective of this course is to introduce students to the design process as they are starting the BMEN Curriculum. Through team projects geared toward translating bench research into product development, students will be challenged to begin thinking critically and applying physical fundamentals to complex systems. Weekly lectures will highlight phases of the design process, including problem identification, conceptual design, and early prototyping. Additionally, in the context of product and experimental design, students will gain experience with computer aided design and be provided an introduction to statistics. Course restricted to BMEN majors, or by permission of the instructors.

credit hours: 3

BMEN 2600 Introduction to Organic and Bio-Chemistries

Introduction to Organic and Bio-Chemistries

This course introduces the main principles of Organic Chemistry and Biochemistry, preparing the student for BMEN 3030/3040. Topics include nomenclature of organic compounds and biomolecules, major reactions of organic chemistry, relationship between chemical structures and biological functions, and the reaction pathways of major metabolic processes. Students will be introduced to the three-dimensional structure of organic compounds and biomolecules using molecular models and software tools.

Pre-requisites: CHEM 1080 and CHEM 1085, or approval of instructor.

credit hours: 3

BMEN 2730 Biomedical Electronics with Lab

Biomedical Electronics with Lab

Rectifiers, filters, regulators and power supplies. Analog amplifiers and active filters of interest for medical devices. Combinational and sequential digital logic design techniques and circuits. Brief overview of modulation, encoding, and interfacing. Electrical safety. Extensive weekly lab projects.

Pre-requisites: ENGP 2010.

credit hours: 4

BMEN 3010 The Physical Dimensions of Aging

The Physical Dimensions of Aging

This course is designed to introduce students to the physiological, behavioral, and socio-economic changes associated with aging. In particular, we will focus on what physiological and structural changes are typical for an aging human body focusing on the brain, cardiovascular and musculoskeletal systems. We will also discuss what it means to become older within a community, what can a person expect during the aging process, and what kind of control a person has over his/her aging body. Course participants travel to local aging centers and continuing care facilities as part of the learning process.

credit hours: 3

BMEN 3030 Anatomy and Physiology for Engineers

Anatomy and Physiology for Engineers

This course is a single semester course in human structural anatomy. Course participants will examine both typical and pathological examples for the various subsystems including body tissues; the musculoskeletal; neurological; cardiovascular; respiratory; digestive; and reproductive systems.

Pre-requisites: ENGP 2430 and CELL 1010 or EBIO 1010.

Co-requisites: BMEN 3035.

credit hours: 3

BMEN 3035 Anatomy and Physiology Lab for Engineers

Anatomy and Physiology Lab for Engineers

This single-semester laboratory coordinates hands on learning in human structural anatomy. Course participants will dissect and examine both typical and pathological examples for the various subsystems including body tissues; the musculoskeletal; neurological; cardiovascular; respiratory; digestive; and reproductive systems.

Co-requisites: BMEN 3030.

credit hours: 1

BMEN 3070 Quantitative Physiology

Quantitative Physiology

This course places emphasis upon the chemical basis of life; cells and cellular metabolism; histology and tissues; the endocrine, skeletal and nervous systems; respiratory, digestive, cardiovascular, lymphatic and reproductive systems; nutrition and metabolism; water, electrolyte and acid-base balance, and human growth and development.

Pre-requisites: CHEM 1070, CHEM 1080, CELL 1010, BMEN 2600 (or equivalent)

Co-requisites: BMEN 3075.

credit hours: 3

BMEN 3075 Quantitative Physiology Lab

Quantitative Physiology Lab

Subject matter will include blood, nutrition, and metabolism; and the cardiovascular, lymphatic, digestive, respiratory, urinary, and reproductive systems.

Co-requisites: BMEN 3070.

credit hours: 1

BMEN 3300 Biomechanics

Biomechanics

This course introduces students to the various interdisciplinary fields in biomechanics. Specific topics include: kinematics during human activity; the analysis of forces and stresses/strains in biological structures under loading; models for biological materials; the relationship between structure and function in orthopedic tissues and continuum mechanics. Fulfills departmental "domain" requirement. An additional non-graded once a week lab section to accompany lectures.

Pre-requisites: BMEN 3030

credit hours: 3

BMEN 3400 Biomaterials and Tissue Engineering

Biomaterials and Tissue Engineering

This course will focus on fundamental materials science and biological principles that impact the engineering design of biomaterials and tissue-engineered products. Topics addressed will include structural hierarchies of materials and tissues, physical and chemical properties of surfaces, degradation of materials, and cell-surface, cell-cell, and cell-matrix interactions. The course will conclude with inflammatory, immunological, and pathological events associated with responses to such products. Laboratory exercises will be utilized to illustrate selected concepts, introduce assessment methods, and provide hands-on experiences with cells and materials. Fulfills departmental domain requirement. An additional non-graded once a week lab section to accompany lectures.

Pre-requisites: ENGP 3120 and BMEN 2600, or permission of instructor.

credit hours: 3

BMEN 3420 Transport in Cells and Organs

Transport in Cells and Organs

Fundamental principles of Fluid mechanics and mass transport will be applied to biological systems at the cellular, tissue, and organ levels. The topics of this course will be the cardiovascular, respiratory systems and cell adhesion, drug transport and pharmacokinetics, and transport-related pathophysiological conditions (inflammation, atherosclerosis, thrombosis, sickle cell disease, cancer metastasis). The lab session will provide training in measurement and analysis of cell transport in parallel-plate flow systems. Fulfills departmental "domain" requirement.

credit hours: 3

BMEN 3440 Biofluid Mechanics

Biofluid Mechanics

This class focuses on fundamental concepts and properties of fluid mechanics with applications to the body. Topics to be covered include basic equations of fluid statics, dynamics and mass transport in differential and integral form using both system and control volume viewpoints. Rheological properties of biological fluids are studied as well as dimensional analysis and

similitude. Advanced applications are investigated using the finite element method.

Pre-requisites: ENGP 1410, ENGP 2430, MATH 2240.

credit hours: 3

BMEN 3650 Biomechanics and Biotransport

Biomechanics and Biotransport

This course introduces students to biomechanics and biotransport. Specific topics include: the analysis of forces and stresses/strains in biological structures under loading; constitutive models for biological materials; the relationship between structure and function in tissues and organs. These topics will be related to fundamental principles of fluid mechanics and mass transport of biological systems at the cellular, tissue, and organ levels including cell adhesion and migration; intracellular, transmembrane and transvascular transport; drug transport and pharmacokinetics. Fulfills departmental 'domain' requirement.

credit hours: 3

BMEN 3710 BMEN Seminar

BMEN Seminar

Each week, a one-hour seminar on current research is presented.

credit hours: 0

BMEN 3730 Biomedical Signals and Systems

Biomedical Signals and Systems

Fundamentals of biomedical Signals and analysis and introduction to control systems. Topics include Laplace and Fourier transforms, the convolution theorem, time- and space-frequency-domain analysis, signals and noise, the mathematics of imaging, and examples and applications to biomedical signals. The use of MATLAB and Simulink to analyze biomedical systems will be reinforced.

credit hours: 3

BMEN 3780 Projects in Embedded Control

Projects in Embedded Control

Design and construction of embedded controllers using Atmega and Arduino hardware. Control of servo devices, robotics, display and sensor interfacing, and data storage are considered. Assembly language is introduced. In-lab and final projects. Fulfills departmental domain requirement.

Pre-requisites: BMEN 2730.

credit hours: 3

BMEN 3820 Mathematical Modeling and Analysis of Biological Systems

Mathematical Modeling and Analysis of Biological Systems

The objective of this course is to teach basic mathematical modeling constructs and analysis techniques that are used for studying biological processes. Topics to be covered include ordinary differential equations, compartment systems, basics of dynamic systems, stability, statistical inference and model construction. These will be applied to study models of chemical kinetics, physiological control, AIDS transmission, population dynamics, and growth. Students will use Mathematica to develop and analyze models.

Pre-requisites: MATH 2240, CELL 1010.

credit hours: 3

BMEN 3910 TRIZ-Theory of Inventive Design

TRIZ-Theory of Inventive Design

The objective of this course is to introduce students to TRIZ (Russian acronym for "Theory of Inventive Problem Solving") a design method initially developed in the Soviet Union and used today by many Fortune 500 companies. TRIZ is an algorithmic approach to solving technical problems. In this course, students will learn and apply TRIZ principles to the design of technical systems in their area of interest-including but not limited to medical implant design, scientific research, and assistive device technology, 3910 fulfills departmental "domain" requirement: 6930 additionally requires patent search and application of TRIZ to "design around a patent".

credit hours: 3

BMEN 3932 Elements of Biomedical Engineering Design

Elements of Biomedical Engineering Design

This course develops the fundamental aspects of the mechanical performance of devices and components. Topics include a review of stress analysis, failure criteria, fatigue analysis and stress concentrations, as well as the mechanical behavior of fasteners, welded joints, spring selection, bearing design, and introduction to finite element analysis; with applications to biomedical engineering.

Pre-requisites: Mechanics of Materials.

credit hours: 3

BMEN 4030 Team Design Projects I

Team Design Projects I

Techniques and experience in the solution of constrained and open-ended design problems. Lecture topics include all aspects of the design process, including goal setting, idea generation, prototyping, fabrication, and product and evaluation. Also included are technical presentation, project planning and management. Included as needed are other topics such as standards, fastening and joining, motors and control, esthetics and finish. Each team will design and construct a device or system to assist an individual with a disability. These designs are presented in a public show during the second semester.

Pre-requisites: at least one BMEN3xxxdomain course

credit hours: 2

BMEN 4040 Team Design Projects II

Team Design Projects II

Techniques and experience in the solution of constrained and open-ended design problems. Lecture topics include all aspects of the design process, including goal setting, idea generation, prototyping, fabrication, and product and evaluation. Also included are technical presentation, project planning and management. Included as needed are other topics such as standards, fastening and joining, motors and control, esthetics and finish. Each team will design and construct a device or system to assist an individual with a disability. These designs are presented in a public show during the second semester.

Pre-requisites: BMEN 4030

credit hours: 3

BMEN 4090 Special Problems in Biomedical Engineering

Special Problems in Biomedical Engineering

Independent study and investigation of special problems in biomedical engineering. Details can be arranged with individual biomedical engineering faculty members.

credit hours: 1-4

BMEN 4100 Special Problems in Biomedical Engineering

Special Problems in Biomedical Engineering

Independent study and investigation of special problems in biomedical engineering. Details can be arranged with individual biomedical engineering faculty members.

credit hours: 3

BMEN 4560 BME Professional Internship I

BME Professional Internship I

Description: Internship relevant to professional practice in biomedical engineering, 1-3 letter-graded credits (no S/U option), may count as credits towards graduation. May only be taken once, requires instructor approval

credit hours: 1-3

BMEN 4570 BME Professional Internship II

BME Professional Internship II

Description: Internship relevant to professional practice in biomedical engineering, 1-3 credits graded S/U, may NOT count as credits towards graduation. May only be taken once, requires instructor approval

Pre-requisites: BMEN 4560

credit hours: 1-3

BMEN 4890 Service Learning: Beyond Design

Service Learning: Beyond Design

The required BMEN 4030/4040 design sequence is centered on the design and construction of a device or system to assist an individual with a disability or a group servicing such individuals. As an option, students may choose to supplement their interaction with their clients with a service learning component that follows Tulane's guidelines for service learning courses and specifically requires: Completing at least 40 hours in a community setting during the semester; keeping a journal of weekly activities that will allow the student to describe and evaluate his/her experiences with the activity; and creating a product that can be evaluated as part of the course grade (e.g., a review paper on an issue relevant to the service activity, or some product of value to the site).

Pre-requisites: Approval of instructor.

Co-requisites: BMEN 4030 or 4040.

credit hours: 1

BMEN 4900 RPP: Art of Professional Engineering

RPP: Art of Professional Engineering

Research and Professional Practice (RPP) is a 2-semester sequence beginning in Spring of the Junior year. It satisfies the University's "Writing Intensive" requirement. A lecture series in the Spring semester, called "Art of Professional Engineering" includes economic analysis, ethics, professional communication including writing and oral presentation, research techniques including literature searching, citation, and the structure of a scientific paper. Students must also register for either 4901 or 4902 in the Spring semester, and continue the sequence with 4911 or 4912/4930 in the following Fall semester.

credit hours: 1

BMEN 4901 RPP: Grand Challenges I

RPP: Grand Challenges I

The 2-semester sequence presents a group of upper division undergraduates with a very difficult problem in biomedical engineering that will require creative invention, innovation, laboratory hard skills, and unique design methodologies to address. Though the problem is tractable, is not expected that the GC problem will be completely solved. Rather, the intent is that the GC group of students will push forward a developed "good solution" to the point where the need to protect intellectual property arises, and where market value and potential venture investments is apparent.

Pre-requisites: Instructor Approval

credit hours: 2

BMEN 4902 RPP: Senior Research and Professional Experience I

RPP: Senior Research and Professional Experience I

This two-course sequence is designed to facilitate an individual biomedical research or design experience in a laboratory. Students will be introduced to the tools, techniques, and rules necessary to function independently and professionally as a researcher or engineer. Topics include thesis writing, technical communication, and time management. The main component of the course is a two semester long research or design project under the direction of a faculty member, scientist or other professional. The course sequence culminates in a formal Senior Thesis and Research Conference presentation. Students participating in the 5th year BSE-MS program should not register for BMEN 4912 in the Fall of the Senior year, registering instead for BMEN 4930.

credit hours: 2

BMEN 4911 RPP: Grand Challenges II

RPP: Grand Challenges II

The 2-semester sequence presents a group of upper division undergraduates with a very difficult problem in biomedical engineering that will require creative invention, innovation, laboratory hard skills, and unique design methodologies to address. Though the problem is tractable, is not expected that the GC problem will be completely solved. Rather, the intent is that the GC group of students will push forward a developed "good solution" to the point where the need to protect intellectual property arises, and where market value and potential venture investments is apparent.

Pre-requisites: Instructor Approval

credit hours: 2

BMEN 4912 RPP: Senior Research and Professional Experience II

RPP: Senior Research and Professional Experience II

This two-course sequence is designed to facilitate an individual biomedical research or design experience in a laboratory. Students will be introduced to the tools, techniques, and rules necessary to function independently and professionally as a researcher or engineer. Topics include thesis writing, technical communication, and time management. The main component of the course is a two semester long research or design project under the direction of a faculty member, scientist or other professional. The course sequence culminates in a formal Senior Thesis and Research Conference presentation. Students participating in the 5th year BSE-MS program should not register for BMEN 4912 in the Fall of the Senior year, registering instead for BMEN 4930.

credit hours: 2

BMEN 4930 BSE-MS Thesis

BSE-MS Thesis

In order to meet undergraduate degree requirements, this course will allow fifth year students to more effectively concentrate on their research projects in lieu of completing the course requirements of BMEN 4912. The grade for BMEN 4930 will be listed as In Progress (IP) until such time as the master's thesis is completed, whereupon the student's advisor and thesis committee will assign a grade necessary to fulfill bachelor's degree requirements.

Pre-requisites: Approval of instructor; admission to 5th year BSE-MS program.

credit hours: 2

BMEN 6010 The Physical Dimensions of Aging

The Physical Dimensions of Aging

This course is designed to introduce students to the physiological, behavioral, and socio-economic changes associated with aging. In particular, we will focus on the effects of exercise on the aging human system. We will also discuss what it means to become older within a community, what can a person expect during the aging process, and what kind of control a person has over his/her aging body.

Pre-requisites: Instructor approval. Open only to graduate students.

credit hours: 3

BMEN 6030 Anatomy and Physiology for Engineers

Anatomy and Physiology for Engineers

This is a single-semester course in human structural anatomy. Course participants will examine both typical and pathological examples for the various subsystems including, body tissues; the musculoskeletal, neurological, cardiovascular, respiratory, digestive and reproductive systems.

Pre-requisites: Either CELL 1010 or EBIO 1010.

Co-requisites: BMEN 3130 or BMEN 3035. Open only to graduate students.

credit hours: 3

BMEN 6035 Anatomy and Physiology for Engineers Lab

Anatomy and Physiology for Engineers Lab

This single-semester laboratory coordinates hands-on learning in human structural anatomy. Course participants will dissect and examine both typical and pathological examples for the various subsystems including, body tissues; the musculoskeletal, neurological, cardiovascular, respiratory, digestive and reproductive systems.

Co-requisites: BMEN 6030. Open only to graduate students.

credit hours: 1

BMEN 6070 Quantitative Physiology

Quantitative Physiology

Tulane University Health Sciences Center Staff. This course places emphasis upon the chemical basis of life; cells and cellular metabolism; histology and tissues; the endocrine, skeletal and nervous systems; respiratory, digestive, cardiovascular, lymphatic and reproductive systems; nutrition and metabolism; water, electrolyte and acid-base balance, and human growth and development.

Co-requisites: BMEN 6075. Open only to graduate students.

credit hours: 3

BMEN 6075 Quantitative Physiology Lab

Quantitative Physiology Lab

Subject matter will include blood, nutrition, and metabolism; and the cardiovascular, lymphatic, digestive, respiratory, urinary, and reproductive systems.

Co-requisites: BMEN 6070. Open only to graduate students.

credit hours: 1

BMEN 6080 Technology Invention and Commercialization

Technology Invention and Commercialization

"Technology Invention & Commercialization" models innovation and entrepreneurial theory & practices from across a range of commercial size-scales—from small startup companies to intrapreneurial units within large, established companies. The twin poles of theory & practice are balanced through classroom lectures & experiential training. Weekly lectures furnish students with effective & portable theoretical frameworks for identifying, selecting and executing opportunities for technological innovations in healthcare, energy, water and the environment. In the experiential training, students will apply their classroom learning to targeted, formal innovation & entrepreneurship competitions—including regional & national design contests, technology challenges, and business model competitions. Completion of this course will supply students with intellectual groundwork & practical experience in advancing inventive technological ideas towards commercialization and ultimately public benefit.

credit hours: 3

BMEN 6170 Biomedical Optics

Biomedical Optics

The field of biophotonics is a rapidly-expanding re-search area in which the interactions of photons with matter are leveraged to increase our understanding of biology and to improve the outcomes in human medicine. The objectives of this course are to familiarize students with the fundamental interactions between light and biological samples, and how these are implemented in an array of technologies that are finding successful application in biomedical research and clinical application. Topics will include fundamentals of photon transport in turbid media; optical spectroscopy variants (reflectance, fluorescence, Raman; steady-state and time-resolved); diffuse optical imaging; biological microscopy; coherence techniques; hybrid technologies (e.g. photo-acoustic imaging); and optical molecular imaging. Special attention will be paid to quantitative methods for spectroscopy and imaging in solid tissues. The class will be composed of lectures, and interactive discussions on recent papers representing the state of the art in the field.

credit hours: 3

BMEN 6260 Molecular Principles of Functional Biomaterials

Molecular Principles of Functional Biomaterials

Functional biomaterials are non-viable materials that have been designed or modified in order to elicit specific biological responses when interacting with human fluids, cells, tissues, or organs. This course will focus on chemical principles utilized in endowing polymeric materials with biological functionality for medical applications. Following a brief review of polymer properties with a focus on hydrogels, topics addressed will include attachment of proteins to materials, induction of cell-binding and differentiation, responsive polymers, and spatial and temporal control of material properties for biological signaling. Unifying concepts will be introduced by directed reading and discussion of landmark papers in the biomaterials literature. Supplemental laboratory exercises will be utilized to illustrate selected concepts and introduce experimental procedures.

Pre-requisites: BMEN 3230/6230.

credit hours: 3

BMEN 6300 Biomechanics

Biomechanics

This course introduces students to the various interdisciplinary fields in biomechanics. Specific topics include: kinematics during human activity; the analysis of forces and stresses/strains in biological structures under loading; viscoelasticity models for biological materials; and the relationship between structure and function in orthopedic tissues; and continuum mechanics. Fulfills departmental "domain" requirement. An additional non-graded once a week lab section to accompany lectures.

Pre-requisites: Open only to graduate students.

credit hours: 3

BMEN 6310 Continuum Models in Biomedical Engineering

Continuum Models in Biomedical Engineering

The course begins with a presentation of the kinematics of continuous media and elementary tensor manipulations. We will then cover the conservation principles of mass, linear momentum, angular momentum, and energy. Additional topics will include the formulation of constitutive laws, continuum models in electrodynamics, and simple descriptions of piezoelectric materials. These concepts will be applied to fundamental problems in bio-solid mechanics, bio-fluid mechanics, and bio-electromagnetism.

Pre-requisites: ENGP 2430, BMEN 3300, BMEN 3440.

credit hours: 3

BMEN 6330 Advanced Biofluid Mechanics

Advanced Biofluid Mechanics

This course will cover general intermediate/advanced fluid mechanics, and will provide a foundation from which to base one's studies of biofluid mechanics. Issues pertinent to the study of biofluid mechanics will be emphasized. Topics to be studied include kinematic principles, the Navier-Stokes equations, boundary conditions for viscous flows, basic solutions to steady and unsteady Navier-Stokes equations, turbulence, analysis of the vorticity equation, and interfacial phenomena. Whenever possible, problems of a biological nature will be used as examples.

Pre-requisites: ENGP 2430, BMEN 3440.

credit hours: 3

BMEN 6340 Soft Tissue Mechanics

Soft Tissue Mechanics

This course provides an introduction to the various approaches used in modeling soft tissues, with particular attention paid to those of the musculoskeletal system (e.g. ligament, tendon, cartilage). Particular emphasis will be placed on the theoretical and experimental consequences of the large deformation behavior of these tissues. An important objective of this class is to enable the student to develop a sense for the physical and mathematical relationships between the many types of models (and the associated experiments) currently being utilized in soft tissue mechanics.

Pre-requisites: ENGP 2430, BMEN 3300.

credit hours: 3

BMEN 6360 Introduction to Finite Element Analysis

Introduction to Finite Element Analysis

Matrix structural analysis techniques as applied to frames, problems in plane strain, plane stress, and axisymmetric and 3-D structures. Development of the isoparametric family of finite elements. Use of user written and packaged software.

Pre-requisites: BMEN 3300 or equivalent.

credit hours: 3

BMEN 6400 Biomaterials and Tissue Engineering

Biomaterials and Tissue Engineering

This course will focus on fundamental materials science and biological principles that impact the engineering design of biomaterials and tissue-engineered products. Topics addressed will include structural hierarchies of materials and tissues, physical and chemical properties of surfaces, degradation of materials, and cell-surface, cell-cell, and cell-matrix interactions. The course will conclude with inflammatory, immunological, and pathological events associated with responses to such products. Laboratory exercises will be utilized to illustrate selected concepts, introduce assessment methods, and provide hands-on experiences with cells and materials. An additional non-graded once a week lab section to accompany lectures.

Pre-requisites: ENGP 3120 and BMEN 2600, or permission of instructor. Open only to graduate students.

credit hours: 3

BMEN 6420 Transport in Cells and Organs

Transport in Cells and Organs

Open only to graduate students. Fundamental principles of fluid mechanics and mass transport will be applied to biological systems at the cellular, tissue, and organ levels. The topics of this course will be the cardiovascular and respiratory systems; and cell adhesion and migration, intracellular, transmembrane and transvascular transport: drug transport and pharmacokinetics, and transport-related pathophysiological conditions (inflammation, atherosclerosis, thrombosis, sickle cell disease, cancer metastasis). The lab sessions will provide training in measurement and analysis of cell transport in parallel-plate flow systems.

credit hours: 3

BMEN 6430 Vascular Bioengineering

Vascular Bioengineering

The objectives of this graduate-level course are to familiarize students with contemporary research areas that cover the field of vascular biology, and to provide an understanding of bioengineering principles related to physiological function and therapeutic modalities. Example topics include smooth muscle cell and endothelial cell lineage, leukocyte-endothelial cell interactions, angiogenesis, drug targeting via the microcirculation, neural vascular control, atherosclerosis, and hypertension. These topics will be presented in the context of four over-arching sections: 1) Vascular Cell Biology; 2) Principles of Vascular Function and Design; 3) Vascular Pathophysiology, and 4) Therapeutic Design. For each section of the course students will be required to read, critically analyze, and present relevant articles. As indicated by the section titles, the course will culminate by highlighting how our basic understanding of physiological function/dysfunction can be translated to therapeutic design.

Pre-requisites: BMEN 3070, BMEN 3400/6400.

credit hours: 3

BMEN 6460 Cellular Mechanotransduction

Cellular Mechanotransduction

This course reviews cellular mechanotransduction in a variety of tissues that adapt to physiological loading. A partial list of mechanosensing cells in these tissues include hair cells in inner ears, chondrocytes in cartilage, osteocytes in bone, endothelial cells in blood vessels, etc. In particular, this course emphasizes the role of mathematical modeling in solving biological problems. Hands-on mathematical modeling will be assigned as homework and projects.

Pre-requisites: ENGP 2430, BMEN 3030, BMEN 3440/6440 or instructor's approval.

credit hours: 3

BMEN 6600 Computational Modeling of Biomedical Systems

Computational Modeling of Biomedical Systems

The objective of this graduate course is to provide students with the skills and knowledge necessary for computational modeling of biological and physiological systems. The first half of the course will cover introduction to UNIX, elements of programming (Matlab and FORTRAN), and numerical methods commonly used in biomedical research. The second half will immerse the students in specific biomedical applications including hemodynamics, respiratory flow, cellular mechanobiology, and neural dynamics. Most lectures will be accompanied by computer labs.

credit hours: 4

BMEN 6610 Introduction to Computational Biomechanics

Introduction to Computational Biomechanics

This course covers fundamentals of computational methods with the emphasis in biomechanics applications. The computational methods include finite element methods and finite difference methods at the introductory level. The course will use MATLAB to implement these methods. The underlying theories of these numerical methods will be taught, and example problems will be discussed during the lecture. Example problems will include those from implant design, bone biomechanics, soft tissue biomechanics, etc. in static and dynamic conditions. The course will also discuss some special issues such as the stability/convergence criteria and the error estimation. The student will work on a term project to exercise these issues on a biomechanics problem of his/her choice.

credit hours: 3

BMEN 6620 Multiscale Modeling of Biophysical Systems

Multiscale Modeling of Biophysical Systems

This course is an introduction to multi-scale modeling from the atomistic- to continuum-levels. This course will begin with an introduction to molecular modeling with an emphasis on biomolecules and applications related to membranes, proteins and DNA. Continuum mechanics models of DNA and membranes will be developed, including equations of state describing the large-scale influence of atomistic structures in fluid systems. Students will learn to perform continuum mechanics calculations that will link to these atomistic structures, and thus model dynamic systems that span many scales.

credit hours: 3

BMEN 6630 Cell Mechanics

Cell Mechanics

Fundamental principles of continuum mechanics will be applied to problems of biomechanics at the cellular level. Topics covered include structure of mammalian cells, cell membrane

mechanics, mechanics of the cytoskeleton, models of cell viscoelasticity, cell adhesion, active cell processes, flow-induced deformation of blood cells, and experimental techniques (micropipette aspiration, biointerface probe, atomic force microscopy, magnetic twisting cytometry, optical tweezers, and flow chamber assays).

credit hours: 3

BMEN 6670 Pulmonary Mechanics

Pulmonary Mechanics

This is a survey course in which mechanical models of the pulmonary system are discussed. Topics to be addressed include mucous transport, airflow/diffusion in the pulmonary airways, ventilation/perfusion relationships, flow through collapsible airways and interfacial phenomena.

Pre-requisites: MATH 2240, BMEN 6330 or equivalent.

credit hours: 3

BMEN 6680 Orthopaedic Bioengineering

Orthopaedic Bioengineering

Concentration on various engineering aspects of the human knee and the treatment of its common orthopaedic pathologies. Topics include histophysiology of wound healing, synovial joint anatomy and tissue biomechanics, knee biomechanics, osteochondral and ligamentous graft reconstruction, prosthetic ligaments, and knee arthroplasty with emphasis on the design issues involved and the integration of clinical practice.

Pre-requisites: ENGP 1410, ENGP 2430, ENGP 3120.

credit hours: 3

BMEN 6710 Departmental Seminar

Departmental Seminar

Each week, a one-hour seminar on research within or outside the department is presented. During the Spring semester, all seniors are required to give a presentation on their project or internship. Attendance of all seniors and graduate students is required in the Fall semester.

credit hours: 0

BMEN 6720 Research Day Conference

Research Day Conference

Each week, a one-hour seminar on research within or outside the department is presented. During the Spring semester, all seniors are required to give a presentation on their project or internship.

Notes: Attendance of all graduate students is required in the Fall semester.

credit hours: 0

BMEN 6740 Data Acquisition and Control

Data Acquisition and Control

Acquisition, digital processing, and output of signals of biomedical interest. Closed loop control applications for medical devices. Programming in the National Instruments LabVIEW environment. In-lab and final projects.

Pre-requisites: BMEN 2730.

credit hours: 3

BMEN 6780 Projects in Embedded Control

Projects in Embedded Control

Design and construction of embedded controllers using Atmega and Arduino hardware. Control

of servo devices, robotics, display and sensor interfacing, and data storage are considered.

Assembly language is emphasized. In-lab and final projects.

Pre-requisites: BMEN 2730. Open only to graduate students.

credit hours: 3

BMEN 6790 Biomedical Engineering Design Studio

Biomedical Engineering Design Studio

This course is intended to provide students with a realistic design experience from virtual design, to rapid prototype fabrication, to testing, through redesign. It will focus on the practical application of leading commercial design software, including the creative extension of this software to innovate research applications. The course will be project intensive with commensurate report submissions and future design recommendations. Projects will include analyses of existing clinical problems, as well as research development of cell scaffolds and cell mechanotransduction.

Pre-requisites: BMEN Graduate or BMEN Senior Undergraduate standing.

credit hours: 3

BMEN 6820 Fundamentals of Mathematical Modeling and Analysis of Biological Systems

Fundamentals of Mathematical Modeling and Analysis of Biological Systems

The objective of this course is to teach basic mathematical modeling constructs and analysis techniques that are used for studying biological processes. Topics to be covered include ordinary differential equations, compartment systems, basics of dynamic systems, stability, statistical inference and model construction. These will be applied to study models of chemical kinetics, physiological control, AIDS transmission, population dynamics, and growth. Students will use Mathematica to develop and analyze models.

Pre-requisites: MATH 2240. Open only to graduate students.

credit hours: 3

BMEN 6830 Intro to Biomedical Imaging and Image Processing

Intro to Biomedical Imaging and Image Processing

The objective of this course is to teach graduate students the concepts, algorithms and programming of image analysis techniques and apply them to address real world biomedical imaging challenges. The physics of medical imaging modalities including x-ray, MRI, CT, PET and microscopic imaging will be introduced. The basic underlying mathematical signal processing techniques such as Fourier analysis and linear system theory will be studied to model and process biomedical images. Finally, students will learn how to use MATLAB as a tool and apply the image processing techniques to solve some medical imaging problems such as image enhancement, segmentation and pattern classification.

Pre-requisites: Experience with MATLAB.

credit hours: 3

BMEN 6840 Medical Imaging Physics

Medical Imaging Physics

This course will introduce imaging methods in medicine, including radiography, computed tomography (CT), magnetic resonance imaging (MRI), nuclear medicine (PET and SPECT), and ultrasound imaging. The basic physical principles of each imaging modality will be introduced, including the imaging energy source, properties and interaction with tissue. Basic concepts of image reconstruction will be discussed. This course will include laboratory visits to the School of Medicine Department of Radiology to explore real world uses of medical imaging systems. A

course project will be assigned for students to assess new and emerging medical imaging systems.

Pre-requisites: BMEN3730/BMEN6730 Biomedical Signals and Systems or equivalent
credit hours: 3

BMEN 6860 Seminar in Biofluid Mechanics

Seminar in Biofluid Mechanics

credit hours: 3

BMEN 6930 TRIZ-Theory of Inventive Design

TRIZ-Theory of Inventive Design

The objective of this course is to introduce students to TRIZ (Russian acronym for "Theory of Inventive Problem Solving") a design method initially developed in the Soviet Union and used today by many Fortune 500 companies. TRIZ is an algorithmic approach to solving technical problems. In this course, students will learn and apply TRIZ principles to the design of technical systems in their area of interest-including but not limited to medical implant design, scientific research, and assistive device technology. Patent search and application of TRIZ to design around a patent also required.

credit hours: 3

BMEN 6932 Elements of Biomedical Engineering Design

Elements of Biomedical Engineering Design

This course develops the fundamental aspects of the mechanical performance of devices and components. Topics include a review of stress analysis, failure criteria, fatigue analysis and stress concentrations, as well as the mechanical behavior of fasteners, welded joints, spring selection, bearing design, and introduction to finite element analysis; with applications to biomedical engineering. ·

Pre-requisites: Mechanics of Materials. Open only to graduate students.

credit hours: 3

BMEN 7100 Current Topics in Biomedical Engineering

Current Topics in Biomedical Engineering

This course focuses on state-of-the art technologies and scientific discoveries in biomedical engineering. Experimental design/analysis topics will include proper controls, statistics, data presentation, and data interpretation. These types of technologies to be included are in the areas of epigenetics and genetics, molecular and cellular biology, proteins, mechanics and materials science, modeling and simulation, high-throughput omics, and/or imaging. Seminal articles from top-tier journals in the field of biomedical engineering will also be selected and discussed in class. The chosen articles will span a wide range of topic areas including articles that focus on basic science as well as fundamental engineering. Student-based discussion is a key component of the teaching approach utilized.

credit hours: 3

BMEN 7210 Directed Readings in Biomedical Engineering

Directed Readings in Biomedical Engineering

Taught on a tutorial basis, this course allows a student to make an in-depth study in an area of expertise of members of the department. Some recent and current topics include non-Newtonian fluid mechanics; the mechanics of the inner ear; the mechanics of bone; the mechanics of soft tissue; ceramics engineering; physical metallurgy; laser applications in medicine; and modeling

of neural networks.

credit hours: 1-6

BMEN 7220 Directed Readings in Biomedical Engineering

Directed Readings in Biomedical Engineering

Taught on a tutorial basis, this course allows a student to make an in-depth study in an area of expertise of members of the department. Some recent and current topics include non-Newtonian fluid mechanics; the mechanics of the inner ear; the mechanics of bone; the mechanics of soft tissue; ceramics engineering; physical metallurgy; laser applications in medicine; and modeling of neural networks.

credit hours: 1-6

BMEN 9980 Master's Research

Master's Research

credit hours: 3

BMEN 9990 Dissertation Research

Dissertation Research

credit hours: 3

SCEN 2010 Clinical Musculoskeletal Anatomy - Upper Extremity

Clinical Musculoskeletal Anatomy - Upper Extremity

This course is designed to provide students with a fundamental working knowledge of normal gross anatomy of the upper limb - the shoulder, arm, forearm, and hand. The structure of this part of the body is taught as a basis for applying the knowledge learned to normal function (physiology). In order to encourage students to understand the relationship between structure and function, examples of tools used in the clinical practice of medicine will be taught. Radiologic imaging (radiographs and ultrasound scans) will be used to aid learning of the structure of the upper limb. Examples of abnormal function and conditions seen in clinical medicine will also be taught. During laboratory, students will work in teams of 5 (small group learning) to perform structured dissection of the limb, and learn basic skills in how to use dissecting tools, and how to suture.

credit hours: 3

SCEN 2020 Communicating Science: STEM Enrichment

Communicating Science: STEM Enrichment

Description: The Tulane Center for K-12 STEM Education has partnered with local middle schools to bring hands-on STEM activities into their school. Students will work with various graduate students who are leading these workshops at the Center's local partner schools and/or assisting with the planning and execution of the Center's events. Tulane students will learn middle school pedagogy (teaching techniques) as well as how to make learning science fun and exciting for our local students. SCEN 2020 satisfies the lower tier Service Learning graduation requirement. The service is a minimum of 40 hours over the course of the semester. Class time is not counted toward hours, and weekly attendance is required.

credit hours: 1

SCEN 7240 College Teaching Pedagogy

College Teaching Pedagogy

Description: The objective of Teaching Pedagogy is to provide a structured learning experience

for doctoral students to facilitate their preparation to teach at the collegiate level and to increase their competitiveness on the job market. The course focuses on strategies and techniques to teach undergraduate and graduate courses.

credit hours: 3

CELL 1010 General Biology

General Biology

A study of phenomenology and fundamental concepts that apply to all living systems. Major topics include: cell biology, physiology, genetics, and development.

credit hours: 3

CELL 1030 Heredity and Society

Heredity and Society

The nature, scope, and implications of recent accomplishments in genetics, including consideration of human birth defects, hereditary diseases, and the potential of the human species to manipulate its own genes.

Notes: Satisfies the college non-laboratory science requirement. Satisfies the college laboratory science requirement with completion of CELL 1035, formerly CELL 1060. Does not count toward the requirements for a major or minor in cell and molecular biology.

credit hours: 3

CELL 1035 Heredity and Society Laboratory

Heredity and Society Laboratory

Laboratory and computer exercises to reinforce concepts discussed in CELL 1030. Students will learn basic laboratory skills, including microscopy and molecular biological techniques.

Notes: Satisfies the college laboratory science course requirement with completion of CELL 1030. Does not count toward the requirements for the major or minor in cell and molecular biology.

credit hours: 1

CELL 1890 Service Learning

Service Learning

credit hours: 0

CELL 2050 Genetics

Genetics

The principles of genetic analysis and the nature of genes. Discussion of DNA, chromosomes, and molecular mechanism of replication, mutation, expression, and transmission of heritable characteristics.

Pre-requisites: CELL 1010.

credit hours: 3

CELL 2115 General Biology Laboratory

General Biology Laboratory

Laboratory exercises emphasizing concepts in cell, molecular, and developmental biology. Designed for majors in the biological sciences.

Pre-requisites: CELL 1010 and CHEM 1080.

credit hours: 1

CELL 3030 Molecular Biology

Molecular Biology

Introduction to theory and applications of molecular biology.

Pre-requisites: CELL 2050.

credit hours: 3

[CELL 3035 Molecular Biology Laboratory](#)

Molecular Biology Laboratory

Laboratory experience in molecular biology techniques.

credit hours: 1

[CELL 3050 Foundations of Pharmacology](#)

Foundations of Pharmacology

This course explains cellular mechanisms by which drugs act in the body. Specific topics include basic pharmacokinetics, drug receptor interactions, drug tolerance, toxicity and drug interactions. The course integrates biology and chemistry by using examples of drug action on the autonomic and central nervous systems, cardiovascular and endocrine systems as well as the treatment of infections. Concepts from cell biology, anatomy, biochemistry, neurochemistry and physiology are covered.

Pre-requisites: Four credits of biology and eight credits of chemistry including organic chemistry or equivalent, or permission of instructor.

credit hours: 3

[CELL 3210 Cellular Physiology](#)

Cellular Physiology

This course is a survey of the organ systems of the human body. The cellular and molecular mechanisms of organ function are discussed. Emphasis is placed on clinical implications.

Notes: See CELL 6210.

Pre-requisites: CELL 1010.

credit hours: 3

[CELL 3310 Cellular Neuroscience](#)

Cellular Neuroscience

In-depth coverage of the basic principles of cellular neuroscience, including the biophysical basis of the membrane potential, action potential generation and propagation, and synaptic signaling. Students will be introduced to the synaptic organization of higher neural systems, such as the visual system and somatic sensory system.

Notes: See CELL 6310.

Pre-requisites: CELL 1010.

credit hours: 3

[CELL 3315 Cellular Neuroscience Laboratory](#)

Cellular Neuroscience Laboratory

An introduction to in vitro electrophysiology techniques.

Pre-requisites: CELL 3310 or approval of Instructor.

credit hours: 1

[CELL 3320 Systems Neuroscience](#)

Systems Neuroscience

The subject of this course is the human nervous system, its anatomy, connectivity and function. Discusses the normal structure of the nervous system and the relationship of that structure to

physiological function. The course is taught from a practical, clinical point of view and is intended to prepare students for further study in the neurosciences.

Notes: See CELL 6320.

Pre-requisites: CELL 1010 or approval of instructor.

credit hours: 3

CELL 3325 Neuroanatomy Laboratory

Neuroanatomy Laboratory

The subject of this course is the anatomy of the human nervous system. Students will learn to identify and map the structure and position of nuclei, pathways, and anatomical divisions of the brain and spinal cord. The course is a practical correlate to Systems Neuroscience, and is intended to prepare students for further study in the neurosciences.

credit hours: 1

CELL 3400 The Biology of Regeneration

The Biology of Regeneration

This course encompasses the mechanisms of natural regeneration that occurs in both invertebrates and vertebrates and little bit about the application to the development of therapies to restore tissues and organs damaged by injury or disease. This course focuses mainly on the vertebrate regeneration and the primary objective of this course is to introduce students to regeneration mechanism in tissue, cellular and molecular level.

credit hours: 3

CELL 3560 Fundamentals of Pathophysiology

Fundamentals of Pathophysiology

This course focuses on the molecular pathophysiology of infectious disease, immunopathology of the cardiovascular system and skin disorders. The impact of a diseased cardiovascular system will be examined. Concepts from cell biology, anatomy, biochemistry, and physiology are covered.

Pre-requisites: CELL 2050 and CHEM 2420.

credit hours: 3

CELL 3750 Cell Biology

Cell Biology

An examination of the structure and function of eukaryotic cells. Emphasis is placed on mechanisms of intracellular and transmembrane transport, cellular control, and intercellular and intracellular signaling. Experimental methods and applications will be discussed.

Pre-requisites: CELL 3030.

credit hours: 3

CELL 3755 Cell Biology Laboratory

Cell Biology Laboratory

Laboratory experience in in vitro methodologies. Students will learn to maintain and manipulate mammalian cell cultures.

credit hours: 1

CELL 3890 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of a three-credit corequisite course.

Pre-requistites: Departmental approval.

credit hours: 1

CELL 4010 Cellular Biochemistry

Cellular Biochemistry

Structure and function of biological molecules, energetics, metabolism, synthesis of macromolecules and assembly of structures.

Notes: See CELL 6010.

Pre-requistites: CELL 2050 and CHEM 2420 or H2460.

credit hours: 3

CELL 4110 Cells and Tissues

Cells and Tissues

Descriptive study of mammalian microscopic anatomy in a physiological context. Lectures and laboratory.

Notes: See CELL 6010.

Pre-requistites: CELL 3750, formerly CELL 3010 or approval of instructor.

credit hours: 4

CELL 4130 Embryology

Embryology

Anatomical study of developmental processes in humans. Lectures and online laboratory.

Notes: See CELL 6130.

Pre-requistites: CELL 3010 or approval of instructor.

credit hours: 3

CELL 4160 Developmental Biology

Developmental Biology

The origin and development of form and patterns in organisms. Recent investigations and research methodology on the processes of growth and differentiation are stressed.

Notes: See CELL 6160.

Pre-requistites: CELL 2050 or approval of instructor.

credit hours: 3

CELL 4200 General Endocrinology

General Endocrinology

This course explains the basics of hormone action and hormone interactions with their receptors, with an emphasis on the molecular mechanisms by which homeostasis is maintained in multicellular organisms. Physiological outcomes of hormone actions on different organs, as well as aberrant hormone action will be covered.

Pre-requistites: CELL 3750 or CELL 3030 or by instructor approval.

credit hours: 3

CELL 4220 Microbiology

Microbiology

Taxonomy, physiology, genetics and ecology of microorganisms. This course will cover the role of microbes in medicine and industry, and as model systems for research.

Notes: See CELL 6220.

Pre-requistites: CELL 3010 or approval of instructor.

credit hours: 3

CELL 4225 Microbiology Laboratory

Microbiology Laboratory

Laboratory studies of microbial taxonomy, physiology, biochemistry, and genetics.

credit hours: 1

CELL 4250 Principles in Immunology (Capstone)

Principles in Immunology (Capstone)

An introduction to the biology of the human immune system with review of relevant literature.

Pre-requisites: CELL 3010.

credit hours: 3

CELL 4260 Principles of Biomedical Writing (Capstone)

Principles of Biomedical Writing (Capstone)

An examination of various types of scientific literature, scientific writing and presentation.

Exploration of scientific databases such as PubMed. Emphasis on critical reading of scientific literature and writing in a scientific style. Also satisfies writing intensive requirement.

Pre-requisites: CELL 3010, or CELL 3110, or CELL 4010.

credit hours: 3

CELL 4340 Neurobiology of Disease

Neurobiology of Disease

This is an advanced course which reviews the physiology of the nervous system and the various pathologies that attack the system. The course focuses on the cellular mechanisms of the pathology, what treatments are available, and what the current research literature has to say about the diseases. Emphasis is placed on readings from original clinical and research papers. Pathologies discussed range from motor control and neuromuscular diseases to high cognitive function, autism, and dementia.

Notes: See CELL 6340.

Pre-requisites: CELL 3310.

credit hours: 3

CELL 4350 Developmental Neurobiology

Developmental Neurobiology

A broad overview of the different stages of neural development. Examination of the molecular aspects of developmental neurobiology, with reference to some important signaling pathways involved in neural growth and specification. Particular attention will be given to those active research fields, such as growth cone guidance and collapse, activity-dependent development, and applications of these to injury and disease.

Notes: See CELL 6350.

Pre-requisites: CELL 3110 or CELL 3310 or approval of instructor.

credit hours: 3

CELL 4370 Molecular Neurobiology

Molecular Neurobiology

Introduction to the molecular biology of neurons and neuronal functions. Topics of study will include: the molecular composition of nerve cells, and how this provides a basis for their functional properties; their synaptic connectivity; how they receive, transmit, and retain information at a molecular level. Studies will focus on current research in the field of molecular neurobiology.

Notes: See CELL 6370.

Pre-requisites: CELL 3110 or CELL 3320, or approval of instructor.

credit hours: 3

CELL 4440 Advanced Molecular Biology

Advanced Molecular Biology

Current topics in molecular biology with emphasis on higher-order chromatin structure and transcription, mutability, and DNA repair mechanisms in prokaryotes and eukaryotes. Other topics include: nuclear hormone receptors, HOX gene activation in development, RNAi, and genome organization.

Notes: See CELL 6440.

Pre-requisites: CELL 3110 or approval of instructor.

credit hours: 3

CELL 4500 Advanced Molecular Neurobiology

Advanced Molecular Neurobiology

This course provides detailed description and in-depth discussion of current techniques and experimental topics in the field of molecular neurobiology.

Pre-requisites: CELL/NSCI 4370 or CELL 4440 or CELL/NSCI 4350.

credit hours: 3

CELL 4560 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing. Registration is completed in the academic department sponsoring the internship.

Notes: A maximum of three credits may be earned in one or two courses.

Pre-requisites: Approval of instructor and department.

credit hours: 1-3

CELL 4570 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing. Registration is completed in the academic department sponsoring the internship.

Notes: A maximum of three credits may be earned in one or two courses.

Pre-requisites: Approval of instructor and department.

credit hours: 1-3

CELL 4660 Special Topics in Cell and Molecular Biology

Special Topics in Cell and Molecular Biology

Courses offered by visiting professors or permanent faculty primarily for undergraduates. For description, consult department.

Notes: See CELL 6660.

credit hours: 3

CELL 4710 The Molecular Biology of Cancer

The Molecular Biology of Cancer

The complex multistep process which transforms a normal cell into a cancer cell, carcinogenesis, will be examined with emphasis on current molecular insights.

Notes: See CELL 6710.

Pre-requisites: CELL 3010.

credit hours: 3

CELL 4780 Developmental Genetics

Developmental Genetics

This course examines the genetic pathways regulating development and the underlying molecular mechanisms by which these pathways are regulated. The goal of the course is to expose students to topics and techniques shaping the field of development biology.

Notes: See CELL 6780.

Pre-requisites: CELL 4160, or approval of instructor.

credit hours: 3

CELL 4880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

CELL 4890 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of a three-credit corequisite course.

Pre-requisites: Departmental approval.

credit hours: 1

CELL 4910 Independent Studies

Independent Studies

Laboratory or library research under direction of a faculty member.

credit hours: 1-3

CELL 4920 Independent Studies

Independent Studies

Laboratory or library research under direction of a faculty member.

credit hours: 1-3

CELL 5110 Capstone

Capstone

Notes: Fulfills the capstone requirement for majors.

credit hours: 0

CELL 6000 Biomedical Ethics

Biomedical Ethics

An interdisciplinary course that examines the moral principles that apply to biology and medicine. Ethical principles will be analyzed in relation to such topical issues as informed consent, abortion, death and dying, allocation of scarce resources, personhood, AIDS, risk, human experimentation, and public policy. Case studies and class discussion will complement lectures and video presentations.

Pre-requisites: CELL 1010 or approval of instructor.

credit hours: 3

CELL 6010 Cellular Biochemistry

Cellular Biochemistry

Structure and function of biological molecules, energetics, metabolism, synthesis of macromolecules and assembly of structures. In addition, a term paper is required.

Pre-requistites: CELL 2050 and CHEM 2420 or H2460.

credit hours: 3

CELL 6030 Molecular Biology

Molecular Biology

Introduction to theory and applications of molecular biology.

Pre-requistites: CELL 2050.

credit hours: 3

CELL 6035 Molecular Biology Lab

Molecular Biology Lab

Laboratory experience in molecular biology techniques.

credit hours: 1

CELL 6050 Foundations of Pharmacology

Foundations of Pharmacology

This course explains cellular mechanisms by which drugs act in the body. Specific topics include basic pharmacokinetics, drug receptor interactions, drug tolerance, toxicity and drug interactions. The course integrates biology and chemistry by using examples of drug action on the autonomic and central nervous systems, cardiovascular and endocrine systems as well as the treatment of infections. Concepts from cell biology, anatomy, biochemistry, neurochemistry and physiology are covered.

credit hours: 3

CELL 6070 Neurobiology of Aging

Neurobiology of Aging

This course will survey the current literature in clinical and research journals regarding the Neurobiology of the aging process. Emphasis is placed on the state of research in aging, looking at experimental design issues as well as published results. Connections will be drawn between the research literature and current clinical practice, as well as what the research literature says regarding aging and lifestyle.

credit hours: 3

CELL 6080 Advanced Developmental and Cell Biology II

Advanced Developmental and Cell Biology II

Lectures, readings, and discussion of the literature in the fields of cellular, developmental, and molecular biology.

Pre-requistites: Approval of instructor.

credit hours: 3

CELL 6110 Cells and Tissues

Cells and Tissues

Descriptive study of mammalian microscopic anatomy in a physiological context. Lectures and laboratory. In addition, a term paper is required.

Pre-requisites: CELL 3010 or approval of instructor.

credit hours: 4

CELL 6130 Embryology

Embryology

Anatomical study of developmental processes in humans. Lecture. In addition, a term paper is required.

Pre-requisites: CELL 3010 or approval of instructor.

credit hours: 3

CELL 6150 Methods in Neuroscience

Methods in Neuroscience

A lecture course exposing students to contemporary theories and techniques used in cellular and behavioral neuroscience by Tulane neuroscientists in their own research programs. The course is taught by faculty members representing several departments from both the uptown and downtown campus and the Health Sciences Center.

Pre-requisites: PSYC/NSCI 3300.

credit hours: 3

CELL 6155 Methods in Neuroscience Laboratory

Methods in Neuroscience Laboratory

A laboratory course allowing students to follow a neuroscience and cellular biology experiment from hypothesis-design development to neurochemical analyses. The course provides direct exposure to drug administration, behavioral assessment, tissue preparation, and cell culture.

Notes: Satisfies psychology and neuroscience laboratory requirement. Fulfills college laboratory requirement.

Pre-requisites: PSYC/NSCI 3300.

Co-requisites: CELL/NSCI 6150.

credit hours: 1

CELL 6160 Developmental Biology

Developmental Biology

The origin and development of form and patterns in organisms. Recent investigations and research methodology on the processes of growth and differentiation are stressed. In addition, a term paper is required.

Pre-requisites: CELL 2050 or approval of instructor.

credit hours: 3

CELL 6200 General Endocrinology

General Endocrinology

This course explains the basics of hormone action and hormone interactions with their receptors, with an emphasis on the molecular mechanisms by which homeostasis is maintained in multicellular organisms. Physiological outcomes of hormone actions on different organs, as well as aberrant hormone action will be covered.

Pre-requisites: CELL 3750 or CELL 3030 or by instructor approval.

credit hours: 3

CELL 6210 Cellular Physiology

Cellular Physiology

This course is a survey of the organ systems of the human body. The cellular and molecular

mechanisms of organ function are discussed. Emphasis is placed on clinical implications.

Pre-requisites: CELL 1010.

credit hours: 3

CELL 6220 Microbiology

Microbiology

Taxonomy, physiology, genetics and ecology of microorganisms. This course will cover the role of microbes in medicine and industry, and as model systems for research. In addition, a term paper is required.

Pre-requisites: CELL 3010 or approval of instructor.

credit hours: 3

CELL 6225 Microbiology Laboratory

Microbiology Laboratory

Laboratory studies of microbial taxonomy, physiology, biochemistry, and genetics.

Pre-requisites: CELL 4220.

credit hours: 1

CELL 6310 Cellular Neuroscience

Cellular Neuroscience

An introduction to in vitro electrophysiology techniques. In addition, a term paper is required.

credit hours: 3

CELL 6320 Systems Neuroscience

Systems Neuroscience

The subject of this course is the human nervous system, its anatomy, connectivity and function.

Discusses the normal structure of the nervous system and the relationship of that structure to physiological function. The course is taught from a practical, clinical point of view and is intended to prepare students for further study in the neurosciences. In addition, a term paper is required.

Pre-requisites: CELL 1010 or approval of instructor.

credit hours: 3

CELL 6325 Neuroanatomy Laboratory

Neuroanatomy Laboratory

The subject of this course is the anatomy of the human nervous system. Students will learn to identify and map the structure and position of nuclei, pathways, and anatomical divisions of the brain and spinal cord. The course is a practical correlate to Systems Neuroscience, and is intended to prepare students for further study in the neurosciences.

credit hours: 1

CELL 6340 Neurobiology of Disease

Neurobiology of Disease

Advanced course on the higher neural functions of the nervous system and neurological diseases resulting from disruption of these functions. An emphasis is placed on the physiology of the nervous system and neural dysfunction caused by inherited and acquired diseases. Topics range from motor control and neuromuscular diseases to high cognitive function and dementia. In addition, a term paper is required.

Pre-requisites: CELL 3310.

credit hours: 3

CELL 6350 Developmental Neurobiology

Developmental Neurobiology

A broad overview of the different stages of neural development. Examination of the molecular aspects of developmental neurobiology, with reference to some important signaling pathways involved in neural growth and specification. Particular attention will be given to those active research fields, such as growth cone guidance and collapse, activity-dependent development, and applications of these to injury and disease. In addition, a term paper is required.

Pre-requisites: CELL 3310 or CELL 4160 or approval of instructor.

credit hours: 3

CELL 6360 Topics in Neurophysiology

Topics in Neurophysiology

Journal club course intended as a supplement to Cellular Neuroscience in order to receive graduate credit for Cellular Neuroscience. Meets once a week for one hour. Students prepare and give oral presentations of topical papers from literature. Grade received contributes to final grade in Cellular Neuroscience.

Notes: Intended for Graduate students only in CELL/NSCI 6310 Cellular Neuroscience.

Co-requisites: CELL/NSCI 6310.

credit hours: 0

CELL 6370 Molecular Neurobiology

Molecular Neurobiology

Introduction to the molecular biology of neurons and neuronal functions. Topics of study will include: the molecular composition of nerve cells, and how this provides a basis for their functional properties; their synaptic connectivity; how they receive, transmit, and retain information at a molecular level. Studies will focus on current research in the field of molecular neurobiology. In addition, a term paper is required.

Pre-requisites: CELL 3110 or CELL 3320, or approval of instructor.

credit hours: 3

CELL 6400 The Biology of Regeneration

The Biology of Regeneration

This course encompasses the mechanisms of natural regeneration that occurs in both invertebrates and vertebrates and a little bit about the application to the development of therapies to restore tissues and organs damaged by injury or disease. This course focuses mainly on the vertebrate regeneration and the primary objective of this course is to introduce students to regeneration mechanism in tissue, cellular and molecular level.

credit hours: 3

CELL 6440 Advanced Molecular Biology

Advanced Molecular Biology

Current topics in molecular biology with emphasis on higher-order chromatin structure and transcription, mutability, and DNA repair mechanisms in prokaryotes and eukaryotes. Other topics include: nuclear hormone receptors, HOX gene activation in development, RNAi, and genome organization. In addition, a term paper is required.

Pre-requisites: CELL 3110 or approval of instructor.

credit hours: 3

CELL 6490 Human Anatomy

Human Anatomy

An exploration of the back, upper and lower extremities with an emphasis on bones, muscles, arteries, nerves, and veins in these regions of the human body.

Notes: Open only to CELL graduate students.

credit hours: 4

CELL 6500 Advanced Molecular Neurobiology

Advanced Molecular Neurobiology

This course provides detailed description and in-depth discussion of current techniques and experimental topics in the field of molecular neurobiology.

Pre-requisites: CELL/NSCI 4370 or CELL 4440 or CELL/NSCI 4350.

credit hours: 3

CELL 6550 Synaptic Organization of the Brain

Synaptic Organization of the Brain

To discuss and understand functional connections within and between areas of the brain to lead to a greater understanding of brain function and behavior.

Pre-requisites: CELL/NSCI 3310 or approval of instructor.

credit hours: 3

CELL 6560 Fundamentals of Pathophysiology

Fundamentals of Pathophysiology

This course focuses on the molecular pathophysiology of infectious disease, immunopathology of the cardiovascular system and skin disorders. The impact of a diseased cardiovascular system will be examined. Concepts from cell biology, anatomy, biochemistry, and physiology are covered.

Pre-requisites: CELL 2050 and CHEM 2420.

credit hours: 3

CELL 6630 Cellular Neurophysiology

Cellular Neurophysiology

Survey of current topics and techniques in the physiology of neurons and neuronal circuits, concentrating primarily on electrophysiological studies.

Pre-requisites: CELL 3310 or approval of instructor.

credit hours: 3

CELL 6660 Special Topics in Cell and Molecular Biology

Special Topics in Cell and Molecular Biology

Courses offered by visiting professors or permanent faculty. For description, consult department.

credit hours: 3

CELL 6710 Molecular Biology of Cancer

Molecular Biology of Cancer

The complex multistep process which transforms a normal cell into a cancer cell, carcinogenesis, will be examined with emphasis on current molecular insights. In addition, a term paper is required.

Pre-requisites: CELL 3010.

credit hours: 3

CELL 6750 Cell Biology

Cell Biology

An examination of the structure and function of eukaryotic cells. Emphasis is placed on mechanisms of intracellular and transmembrane transport, cellular control, and intercellular and intracellular signaling. Experimental methods and applications will be discussed.

credit hours: 3

CELL 6755 Cell Biology Laboratory

Cell Biology Laboratory

Laboratory experience in in vitro methodologies. Students will learn to maintain and manipulate mammalian cell cultures.

credit hours: 1

CELL 6780 Developmental Genetics

Developmental Genetics

This course examines the genetic pathways regulating development and the underlying molecular mechanisms by which these pathways are regulated. The goal of the course is to expose students to topics and techniques shaping the field of development biology. In addition, a term paper is required.

Pre-requisites: CELL 4160, or approval of instructor.

credit hours: 3

CELL 6840 Current Topics in Developmental Biology

Current Topics in Developmental Biology

Reports and discussions of current literature on developmental processes.

Pre-requisites: Approval of instructor.

credit hours: 2

CELL 7110 Ph.D. Research Rotations

Ph.D. Research Rotations

credit hours: 3

CELL 7120 Ph.D. Research Rotations

Ph.D. Research Rotations

credit hours: 1

CELL 7130 Ph.D. Research

Ph.D. Research

credit hours: 2

CELL 7860 Seminars in Cell and Molecular Biology

Seminars in Cell and Molecular Biology

credit hours: 1

CELL 7870 Seminars in Cell and Molecular Biology

Seminars in Cell and Molecular Biology

credit hours: 1

CELL 7990 Master's Research

Master's Research

credit hours: 3

CELL 8000 Research

Research

credit hours: 3

CELL 9990 Dissertation Research

Dissertation Research

credit hours: 3

CELL H4990 Honors Thesis

Honors Thesis

For juniors and seniors with approval of department and the Honors Committee. Students who complete H4990 and H5000 with the preparation of a senior thesis may be recommended to the college for the award of degree with departmental honors.

credit hours: 3

CELL H5000 Honors Thesis

Honors Thesis

For juniors and seniors with approval of department and the Honors Committee. Students who complete H4990 and H5000 with the preparation of a senior thesis may be recommended to the college for the award of degree with departmental honors.

credit hours: 3

CELL 4450 Genome Biology

Genome Biology

Genome-level science is changing the pace of biomedical research and medicine. This course will examine how whole genomes, transcriptomes, and proteomes are studied, and what we are learning about the biology of multiple organisms using these novel techniques. Epigenetics, genomics, and proteomics will be covered in the context of disease and the development of novel therapeutics.

Pre-requisites: CELL 3030 or NSCI 4370

credit hours: 3

CELL 6450 Genome Biology

Genome Biology

Genome-level science is changing the pace of biomedical research and medicine. This course will examine how whole genomes, transcriptomes, and proteomes are studied, and what we are learning about the biology of multiple organisms using these novel techniques. Epigenetics, genomics, and proteomics will be covered in the context of disease and the development of novel therapeutics.

Pre-requisites: CELL 3030 or NSCI 4370

credit hours: 3

CELL 7450 Genome Biology

Genome Biology

Genome-level science is changing the pace of biomedical research and medicine. This course will examine how whole genomes, transcriptomes, and proteomes are studied, and what we are learning about the biology of multiple organisms using these novel techniques. Epigenetics, genomics, and proteomics will be covered in the context of disease and the development of novel therapeutics.

Pre-requisites: CELL 3030 or NSCI 4370

credit hours: 3

CENG 2505 Introduction to Biotechnology Laboratory

Introduction to Biotechnology Laboratory

This course is designed to introduce students to essential laboratory skills and modern techniques utilized in the field of biotechnology. These include aseptic technique, microbial and mammalian cell culturing, flow cytometry, and engineering and analysis of genes in *E. coli*. Laboratory notebook maintenance, executing protocols, analyzing data and teamwork are emphasized. This course is intended for students without any prior research experience.

credit hours: 1

CENG 3120 Materials Science and Engineering

Materials Science and Engineering

The structure and properties of engineering materials are considered. Coverage includes basic atomic and microscopic structure, testing methods, phase relationships, and strengthening techniques. Emphasis is placed on common industrial materials. Thermodynamics and kinetics aspects of material science are discussed.

Pre-requisites: CHEM 1070, CHEM 1080, PHYS 1310, PHYS 1320, MATH 2210

credit hours: 3

CENG 2110 Material and Energy Balances

Material and Energy Balances

Basic concepts in mass and energy balances are presented in this introduction to chemical process engineering. Properties of pure materials and relevant equations of state are reviewed in illustrative examples.

Pre-requisites: CHEM 1080, MATH 1220.

credit hours: 3

CENG 2120 Thermodynamics I

Thermodynamics I

Concepts of energy, equilibrium, and reversibility are presented in the setting of the theoretical development of classical thermodynamics. Energy conversion cycles and elementary fluid mechanics are used to illustrate applied thermodynamics in chemical process technology.

Pre-requisites: MATH 2210 (Calc III) as pre-/co-requisite CHEM 1080 (Gen Chemistry II) as pre-/co-requisite PHYS 1310 (General Physics I) or instructor approval

credit hours: 3

CENG 2230 Professional Development for Chemical Engineers

Professional Development for Chemical Engineers

This course is designed for students who wish to enhance the soft skills necessary for life-long success as a professional engineer. Topics include effective written and oral communication, resume building, networking, employment search strategies, the interview process, teamwork and critical thinking. Learning will be reinforced through practical activities including a mock interview, a staged networking event and oral presentations with class discussion and feedback.

credit hours: 3

CENG 2320 Transport Phenomena I

Transport Phenomena I

Principles of hydrostatics and fluid mechanics. Emphasis is on mass, energy and momentum balances. Fluid flow through pipes and other types of chemical engineering equipment are

considered in detail. The fundamental operations of vector analysis and the development of basic differential equations that govern fluid flow are used to solve representative problems in which viscosity is important.

Pre-requisites: MATH 2210 (Calc III) pre-/co-requisite

Co-requisites: CENG 2120, equivalents or approval of instructor.

credit hours: 3

CENG 2500 Introduction to Biotechnology and Biomolecular Engineering

Introduction to Biotechnology and Biomolecular Engineering

This course begins with an introduction to physical and biological properties of cells through cell and molecular biology teachings, and then expands with the application of these principles to the realm of biotechnology. Theory and practice of specific laboratory techniques will be covered and demonstrated, and typical data sets will be interpreted. Applications of biotechnology in the business and medical communities will be discussed.

credit hours: 3

CENG 3020 Chemistry and Engineering Science in the Community

Chemistry and Engineering Science in the Community

This course satisfies the university's public-service requirement. Topics include public outreach, application of engineering principles to community issues, and educating the community on scientific and engineering issues.

Co-requisites: CENG 3890

credit hours: 1

CENG 3110 Thermodynamics II

Thermodynamics II

Basic concepts in physical and chemical equilibria. Systems of variable composition. Chemical reaction equilibria. Thermodynamic analysis of processes. Principles of statistical mechanics. Partition functions.

Pre-requisites: CENG 2120 (Thermodynamics I)

credit hours: 3

CENG 3230 Numerical Methods for Chemical Engineers

Numerical Methods for Chemical Engineers

Numerical solution of linear and nonlinear algebraic equations, and ordinary and partial differential equations. Numerical differentiation and integration. Linear and nonlinear regression analysis. Optimization methods. Applications to chemical and biomolecular engineering design-oriented problems. Excel spreadsheets are used for all computations. An introduction to Visual Basic for Applications programming is included. All applications and homework problems are related to Chemical and Biomolecular Engineering. A brief introduction to MatLab is included.

Pre-requisites: MATH 2240 (Applied Math [Diff Eq])

credit hours: 3

CENG 3240 Unit Operations Laboratory

Unit Operations Laboratory

Bench scale laboratory experiments in Unit Operations. Report writing, safety, oral presentations, ethics and group activities are emphasized.

Pre-requisites: CENG 3110 (Thermo II), CENG 3390 (Transport II)

credit hours: 4

CENG 3340 Separation Processes

Separation Processes

The analysis and design of mass-transfer based separation processes. Fundamental concepts are derived and applied to representative industrial process configurations. Subject area coverage includes the fundamentals of mass transfer, as well as the design of countercurrent operations such as gas-liquid absorption, distillation, liquid-liquid extraction and leaching.

Pre-requisites: CENG 3390 (Transport II)

credit hours: 3

CENG 3390 Transport Phenomena II

Transport Phenomena II

The analysis of problems in conductive, convective, and radiative heat transfer. The formulation and solution of heat and mass transfer problems by means of shell balances. Exact and numerical solutions to heat and mass transfer problems. Correlations for convective heat transfer. Analogies between heat and mass transfer. The application of basic principles of heat/mass transfer to heat exchange, evaporation, condensation, boiling and drying operations.

Pre-requisites: CENG 2320 Transport I MATH 2240 (Applied Math [Diff Eq])

Co-requisites: MATH 2240 (Applied Math [Diff Eq])

credit hours: 3

CENG 4130 Surface and Colloid Phenomena

Surface and Colloid Phenomena

A study of surface and colloid chemistry. Topics include characterization of particles and surfaces, stability of colloidal systems, interactions of charged particles, and electrokinetic phenomena.

Pre-requisites: CHEM 1080 (General Chemistry II) PHYS 1320 (General Physics II)

credit hours: 3

CENG 4150 Reactor Design

Reactor Design

The design and analysis of chemical, biological, and polymerization reactor systems are achieved by application of the principles of chemical kinetics and equilibrium coupled with mass and energy transport. Specific areas of study include kinetics, ideal reactors, multiple reactor systems, nonideal flow and mixing, and catalysis.

Pre-requisites: MATH 2240 (Applied Math [Diff Eq]) CENG 2120 (Thermo I)

credit hours: 3

CENG 4310 Chemical Process Design Capstone

Chemical Process Design Capstone

The elements of industrial design and supporting economics are presented in the context of a representative design project. Extension of the student's early background in unit operations through practical design considerations including materials of construction is accomplished. Methods are presented for capital and operating cost estimation, raw materials and utilities pricing, and assembly of investment costs, taxes, environmental and other site requirements. Realistic design constraints are included; e.g., economic factors, safety, reliability aesthetics, ethics, and social impact.

Pre-requisites: CENG 4150 (Reactor Design) Senior standing or departmental approval.

credit hours: 3

CENG 4400 Introduction to Gene Therapy

Introduction to Gene Therapy

A survey into the fundamental aspects of gene delivery and their application to gene therapy. Topics include various gene carriers, carrier/DNA interaction and complex formation, complex interactions with cells and cell structures, targeting, gene therapy applications, host response. A knowledge of cell and molecular biology is not required.

credit hours: 3

CENG 4450 Applied Biochemistry I

Applied Biochemistry I

Biochemistry is the study of the chemistry and chemical processes involved with the molecules that are utilized by living organisms. This two-semester series will provide an in-depth coverage of carbon- and nitrogen-containing molecules such as proteins and DNA and certain cofactors. In the first semester enzyme kinetics and catalysis will be covered, along with carbohydrates and their metabolism. The metabolic pathways and associated bioenergetics of glycolysis and the TCA cycle will be examined in detail. The material will be related to everyday life, diet, nutrition, and exercise performance.

Pre-requisites: CHEM 2410/2430, CHEM 2420 (Organic Chemistry II)

credit hours: 3

CENG 4460 Applied Biochemistry II

Applied Biochemistry II

This course is a continuation of CENG 4450 (please refer to the related course description). Principles taught in CENG 4450 will be extended as they are applied to lipids and nitrogen-containing molecules, and the metabolism of each. Example molecules include fats, triglycerides, DNA, amino acids, heme, and urea. The interplay of biochemistry and molecular biology will also be examined.

Pre-requisites: CENG 4450 (Applied Biochemistry I)

credit hours: 3

CENG 4500 Chemical Process Control

Chemical Process Control

An introduction to linear control theory is presented in which processes are described mathematically through transfer functions and conventional three-mode controllers are specified. Other topics are introduced including inverse response, cascade control, feedforward control, dead-time compensation, and multivariable control. Automatic control systems are designed for a number of actual non-linear processes described by computer software.

Pre-requisites: MATH 2240 (Applied Math), CENG 4310 (Process Design)

Co-requisites: CENG 4150 (Reactor Design)

credit hours: 3

CENG 4550 Sol-Gel Science

Sol-Gel Science

A study of chemistry, physics, and applications of sol gel processing. Designs and fabrications of functional and nanostructured materials. Recent advances of sol-gel science in nanotechnology, microelectronics, and biomedical engineering.

credit hours: 3

CENG 4710 Biochemical Engineering

Biochemical Engineering

An advanced course in biochemical engineering. Topics include enzyme catalyzed and cell-associated reactions, engineering aspects of recombinant DNA technology, cell culture, bioreactors and tissue engineering.

Pre-requisites: CENG 2500 or equivalent.

credit hours: 3

CENG 4750 Practice School

Practice School

Students are placed in groups of three or four and are assigned to a project at a local industrial facility, hospital, or government agency. The project is one of current concern to the organization and may range from a study of an operating process to the development of a new process. The projects are open ended and the students are expected to apply the principles of good design practice involving realistic constraints such as economics, safety, reliability, aesthetics, ethics, and social impact. Students normally are assigned to a project which fulfils certain career goals. This internship, under the direction of a faculty member, utilizes engineers and other personnel at the host site. Students are required to submit interim and final written and oral reports.

Pre-requisites: CENG 3240 (Unit Operations Laboratory) CENG 3340 (Separations) Senior Standing.

Co-requisites: CENG 4150 (Reactor Design)

credit hours: 6

CENG 4770 Advances in Biotechnology

Advances in Biotechnology

The objectives of the course are to enhance understanding of the basic principles of biotechnology and to introduce the most current biotechnology research. Topics include gene therapy, microbial pesticides, genetically engineered food, stem-cell technology and tissue engineering.

credit hours: 3

CENG 4810 Undergraduate Independent Studies

Undergraduate Independent Studies

Under special circumstances, course credit is granted to students undertaking independent research studies. A project adviser should be identified and permission for enrollment filed with the department chair prior to registration.

credit hours: 2-4

CENG 4820 Undergraduate Independent Studies

Undergraduate Independent Studies

Under special circumstances, course credit is granted to students undertaking independent research studies. A project adviser should be identified and permission for enrollment filed with the department chair prior to registration.

credit hours: 3

CENG 4870 Biomolecular and Cellular Engineering

Biomolecular and Cellular Engineering

Introduction to genetic and environmental manipulation of cells for production of proteins and other bioproducts. Topics include biomolecular interactions (protein energetics, binding equilibria, association kinetics), protein aggregation, cloning and gene expression in different

host systems, posttranslational processing, and protein engineering. Will include case studies class discussions of primary literature

Pre-requisites: CENG 2500 or CHEM 3830.

credit hours: 3

CENG 4890 Polymer Engineering and Science

Polymer Engineering and Science

Fundamentals of polymer science and engineering, including synthesis, characterization, properties and processing of polymeric materials. An overview of polymer structure, including classification, tacticity, conformation and configuration will be given. Synthetic techniques will be reviewed, including addition and condensation polymerization and copolymerization. Polymer thermodynamics will be described, including an introduction to Flory-Huggins theory, as well as polymer-polymer miscibility and blends. A brief overview of characterization will be given, including molecular weight and glass transition temperature determination. Properties will be discussed, including mechanical properties of semi-crystalline polymers and elastomers. The time-temperature superposition principle will be described, as well as a brief introduction to processing techniques.

credit hours: 3

CENG 4910 Undergraduate Independent Studies

Undergraduate Independent Studies

Under special circumstances, course credit is granted to students undertaking independent research studies. A project adviser should be identified and permission for enrollment filed with the department chair prior to registration.

credit hours: 1-3

CENG 4920 Undergraduate Independent Studies

Undergraduate Independent Studies

Under special circumstances, course credit is granted to students undertaking independent research studies. A project adviser should be identified and permission for enrollment filed with the department chair prior to registration.

credit hours: 1-4

CENG 6000 Chemical Engineering Research Seminar

Chemical Engineering Research Seminar

Students are exposed to the important research findings, presented by invited speakers as well as by professors and advanced PhD candidates of our own department.

credit hours: 0

CENG 6010 Mathematical Methods for Engineers

Mathematical Methods for Engineers

Review of calculus and ordinary differential equations, series solutions and special functions, complex variables, partial differential equations, and integral transforms.

Pre-requisites: MATH 2240.

credit hours: 3

CENG 6110 Thermodynamics and Properties of Matter

Thermodynamics and Properties of Matter

Molecular thermodynamics of multi-component systems are reviewed with particular attention to separation processes. Thermal and chemical equilibrium properties are examined for pure and

mixed fluids.

Pre-requisites: CENG 3110.

credit hours: 3

CENG 6120 Graduate Transport Phenomena

Graduate Transport Phenomena

Mathematical formulation and solution of problems involving theoretical concepts in fluid mechanics, heat and mass transfer, thermodynamics and elementary reaction theory. Emphasis is placed upon transient transport processes and the associated partial differential equations.

Pre-requisites: CENG 2320, 3330, 3340, and MATH 2210, MATH 2240 or equivalents.

credit hours: 3

CENG 6130 Surface and Colloid Phenomena

Surface and Colloid Phenomena

A study of surface and colloid chemistry. Topics include characterization of particles and surfaces, stability of colloidal systems, interactions of charged particles, and electrokinetic phenomena.

credit hours: 3

CENG 6160 Heterogeneous Catalysis

Heterogeneous Catalysis

A study of the fundamental concepts underlying catalytic processes in the petroleum processing industry and in synthetic fuels research. Topics include molecular theories of adsorption and catalysis, catalyst design and formulation, instrumental methods of catalyst characterization, transport in catalysts, shape-selective catalysis, etc. Applications discussed include catalytic cracking, reforming, hydrodesulfurization, Fischer-Tropsch synthesis, direct and indirect coal liquefaction, etc.

credit hours: 3

CENG 6250 Applied Numerical Analysis

Applied Numerical Analysis

Numerical techniques for the solution of mathematical problems in the engineering analysis of systems are presented for computer implementation. Topics include interpolation, integration, solution of systems of linear and nonlinear algebraic equations, optimization, and regression. A comparison of numerical solution methods for ordinary and partial differential equations is given. Eigenvalue and split boundary problems are included.

Pre-requisites: CENG 3230 or equivalent, MATH 2240.

credit hours: 3

CENG 6330 Advanced Separations Design

Advanced Separations Design

Design of separations processes based upon newer technologies. Special emphasis is placed upon membrane separations and those processes involving colloidal and surface phenomena.

Pre-requisites: CENG 2320, 3330, 3340 or approval of instructor.

credit hours: 3

CENG 6400 Introduction to Gene Therapy

Introduction to Gene Therapy

A survey into the fundamental aspects of gene delivery and their application to gene therapy. Topics include various gene carriers, carrier/DNA interaction and complex formation, complex

interactions with cells and cell structures, targeting, gene therapy applications, host response. A knowledge of cell and molecular biology is not required.

credit hours: 3

CENG 6420 Advanced Materials Design

Advanced Materials Design

Fundamentals of condensed matter are elaborated upon, namely bonding, structure, physical properties, phase equilibria and thermodynamics of solids. Characterization of condensed phases as it reviewed. Manipulation of material properties for specific applications is discussed.

Pre-requisites: Consent of instructor.

credit hours: 3

CENG 6450 Applied Biochemistry

Applied Biochemistry

Biochemistry is the study of the chemistry and chemical processes involved with the molecules that are utilized by living organisms. This two-semester series will provide an in-depth coverage of carbon- and nitrogen-containing molecules such as proteins and DNA and certain cofactors. In the first semester enzyme kinetics and catalysis will be covered, along with carbohydrates and their metabolism. The metabolic pathways and associated bioenergetics of glycolysis and the TCA cycle will be examined in detail. The material will be related to everyday life, diet, nutrition, and exercise performance.

Pre-requisites: CHEM 2410/2430.

credit hours: 3

CENG 6460 Applied Biochemistry II

Applied Biochemistry II

This course is a continuation of CENG 6450 (please refer to the related course description). Principles taught in CENG 6450 will be extended as they are applied to lipids and nitrogen-containing molecules, and the metabolism of each. Example molecules include fats, triglycerides, DNA, amino acids, heme, and urea. The interplay of biochemistry and molecular biology will also be examined.

Pre-requisites: CENG 6450.

credit hours: 3

CENG 6550 Sol-Gel Science

Sol-Gel Science

A study of chemistry, physics, and applications of sol gel processing. Designs and fabrications of functional and nanostructured materials. Recent advances of sol-gel science in nanotechnology, microelectronics, and biomedical engineering.

credit hours: 3

CENG 6710 Biochemical Engineering

Biochemical Engineering

An advanced course in biochemical engineering. Topics include enzyme catalyzed and cell-associated reactions, engineering aspects of recombinant DNA technology, cell culture, bioreactors and tissue engineering.

Pre-requisites: CENG 2500 or equivalent.

credit hours: 3

CENG 6770 Advances in Biotechnology

Advances in Biotechnology

The objectives of the course are to enhance understanding of the basic principles of biotechnology and to introduce the most current biotechnology research. Topics include gene therapy, microbial pesticides, genetically engineered food, stem-cell technology and tissue engineering.

credit hours: 3

CENG 6860 Readings and Research

Readings and Research

credit hours: 2-4

CENG 6870 Biomolecular and Cellular Engineering

Biomolecular and Cellular Engineering

Introduction to genetic and environmental manipulation of cells for production of proteins and other bioproducts. Topics include biomolecular interactions (protein energetics, binding equilibria, association kinetics), protein aggregation, cloning and gene expression in different host systems, posttranslational processing, and protein engineering. Will include case studies class discussions of primary literature

Pre-requisites: CENG 2500 or CHEM 3830.

credit hours: 3

CENG 6890 Polymer Engineering and Science

Polymer Engineering and Science

Fundamentals of polymer science and engineering, including synthesis, characterization, properties and processing of polymeric materials. An overview of polymer structure, including classification, tacticity, conformation and configuration will be given. Synthetic techniques will be reviewed, including addition and condensation polymerization and copolymerization. Polymer thermodynamics will be described, including an introduction to Flory-Huggins theory, as well as polymer-polymer miscibility and blends. A brief overview of characterization will be given, including molecular weight and glass transition temperature determination. Properties will be discussed, including mechanical properties of semi-crystalline polymers and elastomers. The time-temperature superposition principle will be described, as well as a brief introduction to processing techniques.

credit hours: 3

CENG 7120 Thermodynamics of Macromolecules

Thermodynamics of Macromolecules

Thermodynamics is applied to macromolecules. Fundamentals of the thermodynamics of polymers in solution and in the melt. Topics of polymer self-assembly, polymer-surfactant interactions, and polymer nanocomposites are incorporated in the course. Students will learn methods of characterization of polymer thermodynamics using spectroscopy, microscopy and scattering techniques.

Pre-requisites: 6110 or equivalent.

credit hours: 3

CENG 7150 Advanced Reactor Design

Advanced Reactor Design

Coupled reaction and transport phenomena as they are involved in major reactor configurations are studied with attention to data resources and computational capabilities.

credit hours: 3

CENG 7520 Applied Statistical Mechanics

Applied Statistical Mechanics

The course covers the fundamental principles and methods of statistical mechanics. Emphasis is placed on applications to thermodynamics, phase behavior, polymer science and self-assembly phenomena.

credit hours: 3

CENG 7810 Advanced Independent Research

Advanced Independent Research

Research studies performed under faculty tutelage by prior arrangement.

credit hours: 3

CENG 7820 Advanced Independent Research

Advanced Independent Research

Research studies performed under faculty tutelage by prior arrangement.

credit hours: 3

CENG 7880 Polymer Rheology

Polymer Rheology

Non-Newtonian phenomena, material functions and generalized Newtonian fluids, rheometry, linear viscoelasticity, multiphase systems and mixing.

credit hours: 3

CENG 7890 Adv Macromolecular Chemistry and Materials

Adv Macromolecular Chemistry and Materials

This course will cover various topics on the design, synthesis and applications of polymers and nanocomposites. The goals of this course are to teach the students basic polymer science, in particular, polymer synthesis and characterization, and to expose the students to the current-state-of-art polymer research. The representative topics include basic polymer synthesis and characterization, supramolecular assembly, functional polymers, polymeric nanocomposites, biopolymers, and polymeric devices.

credit hours: 3

CENG 7910 Master's Level Research Orientation and Methods

Master's Level Research Orientation and Methods

credit hours: 3

CENG 7920 Master's Level Research Orientation and Methods

Master's Level Research Orientation and Methods

credit hours: 3

CENG 7930 Master's Level Research Orientation and Methods

Master's Level Research Orientation and Methods

credit hours: 3

CENG 7940 Master's Level Research Orientation and Methods

Master's Level Research Orientation and Methods

credit hours: 3

CENG 8910 Doctoral Level Research Seminar

Doctoral Level Research Seminar

credit hours: 3

CENG 8920 Doctoral Level Research Seminar

Doctoral Level Research Seminar

credit hours: 3

CENG 9980 Master's Research

Master's Research

credit hours: 3

CENG 9990 Dissertation Research

Dissertation Research

credit hours: 3

CENG H4990 Honors Thesis

Honors Thesis

Students pursuing an undergraduate degree in Chemical Engineering with high Latin Honors (i.e., Magna or Summa Cum Laude) must register for this course during the Fall Semester of their Senior Year.

credit hours: 3

CENG H5000 Honors Thesis

Honors Thesis

Students pursuing an undergraduate degree in Chemical Engineering with high Latin Honors (i.e., Magna or Summa Cum Laude) must register for this course during the Spring Semester of their Senior Year.

credit hours: 3

CHEM 1070 General Chemistry I

General Chemistry I

An introduction to chemical principles. Stoichiometry, thermochemistry, states of matter, periodic relationships, atomic structure and bonding. Three hours of lecture per week. Concurrent registration in 1075 required.

Co-requisites: CHEM 1075.

credit hours: 3

CHEM 1075 General Chemistry Laboratory I

General Chemistry Laboratory I

Laboratory to accompany 1070. **Basic principles of chemical safety.** Introduction to laboratory techniques in chemistry. Experiments dealing with stoichiometry, thermochemistry, properties of gases, and simple analytical techniques. One three hour lab per week. Concurrent registration in 1070 required.

Co-requisites: CHEM 1070.

credit hours: 1

CHEM 1080 General Chemistry II

General Chemistry II

The chemistry of solutions, equilibrium, thermodynamics, electrochemistry, kinetics. Three hours

of lecture per week. Concurrent registration in 1085 required.

Pre-requisites: CHEM 1070 and 1075.

Co-requisites: CHEM 1085.

credit hours: 3

CHEM 1085 General Chemistry Laboratory II

General Chemistry Laboratory II

A continuation of 1075. **Chemical safety in the workplace.** Experiments to illustrate principles of chemical equilibrium, electrochemistry, kinetics, thermodynamics, qualitative and quantitative analysis. One three hour laboratory per week. Concurrent registration in 1080 required.

Pre-requisites: CHEM 1075.

Co-requisites: CHEM 1080.

credit hours: 1

CHEM 2310 Quantitative Analysis

Quantitative Analysis

Basic theory of gravimetric, volumetric and selected instrumental methods of analysis. Three hours of lecture per week. Concurrent registration in 2330 required. Offered by arrangement.

Pre-requisites: CHEM 1080 and 1180, or equivalent or instructor approval.

Co-requisites: CHEM 2330.

credit hours: 3

CHEM 2315 Quantitative Analysis Laboratory

Quantitative Analysis Laboratory

Laboratory to accompany 2310. Practice of gravimetric, volumetric and selected instrumental methods of analysis. Two four hour laboratory periods per week. Concurrent registration in 2310 required. Offered by arrangement.

Pre-requisites: CHEM 1080 and 1085, or equivalent.

Co-requisites: CHEM 2310.

credit hours: 3

CHEM 2410 Organic Chemistry I

Organic Chemistry I

An introduction to organic reaction mechanism and organic spectroscopy. Three hours of lecture per week. Concurrent registration in 2415 required.

Pre-requisites: CHEM 1080 and 1085, or equivalent.

Co-requisites: CHEM 2415.

credit hours: 3

CHEM 2415 Organic Chemistry Laboratory I

Organic Chemistry Laboratory I

Laboratory to accompany 2410. Introduction to laboratory techniques in organic chemistry. Synthesis of organic compounds. One four-hour laboratory period per week. Concurrent registration in 2410 required.

Pre-requisites: CHEM 1080 and 1085, or equivalent.

Co-requisites: CHEM 2410.

credit hours: 1

CHEM 2420 Organic Chemistry II

Organic Chemistry II

A continuation of 2410 with emphasis on mechanisms of organic reactions based on functional group reactivity. Three hours of lecture per week. Concurrent registration in 2440 required.

Pre-requisites: CHEM 2410 and 2430.

Co-requisites: CHEM 2440.

credit hours: 3

CHEM 2425 Organic Chemistry Laboratory II

Organic Chemistry Laboratory II

Laboratory to accompany 2420. A continuation of 2415. Includes identification of unknown organic compounds. One four-hour laboratory period per week. Concurrent registration in 2420 required. Credit will not be given for both 2425 and H2480.

Pre-requisites: CHEM 2415.

Co-requisites: CHEM 2420.

credit hours: 1

CHEM 2500 Environmental Chemistry

Environmental Chemistry

An overview of the many aspects of environmental chemistry. Topics include: aquatic chemistry, including water pollution and water treatment; atmospheric chemistry, air pollution and major threats to the global atmosphere; geochemistry and soil chemistry; nature, sources, and environmental chemistry of hazardous wastes; and toxicology chemistry.

Pre-requisites: CHEM 1070, 1080, or 2410.

credit hours: 3

CHEM 3110 Physical Chemistry I

Physical Chemistry I

Elementary quantum mechanics, quantum theory of molecular structure and bonding, fundamentals of spectroscopy. Three hours of lecture per week.

Pre-requisites: CHEM 1080, 1180, and MATH 2240 or equivalent.

Co-requisites: CHEM 3130.

credit hours: 3

CHEM 3115 Physical Chemistry Laboratory I

Physical Chemistry Laboratory I

Laboratory to accompany 3110. Experiments in spectroscopy and spectroscopic analysis. One four-hour laboratory period per week. Concurrent registration in 3110 required.

Pre-requisites: CHEM 1080, 1085, and MATH 2440 or equivalent.

Co-requisites: CHEM 3110.

credit hours: 1

CHEM 3120 Physical Chemistry II

Physical Chemistry II

First, Second, and Third laws of thermodynamics, thermodynamic energy state functions, phases of pure substances, properties of mixtures, chemical equilibrium, equilibrium electrochemistry, statistical thermodynamics. Three hours of lecture per week.

Pre-requisites: CHEM 1080, 1180, and MATH 2210 or equivalent.

Co-requisites: CHEM 3140.

credit hours: 3

CHEM 3125 Physical Chemistry Laboratory II

Physical Chemistry Laboratory II

Laboratory to accompany CHEM 3120. Experiments illustrate thermodynamic and statistical mechanical principles. One four-hour laboratory period per week. Concurrent registration in CHEM 3120 required.

Pre-requisites: CHEM 1080, 1180, and MATH 2210 or equivalent.

Co-requisites: CHEM 3120 or 6120.

credit hours: 1

CHEM 3210 Inorganic Chemistry

Inorganic Chemistry

Periodic relationships, types of bonding, coordination complexes, acid-base concepts, inorganic reaction mechanisms. Three hours of lecture per week. Concurrent registration in 3230 required.

Co-requisites: CHEM 3230.

credit hours: 3

CHEM 3215 Inorganic Chemistry Laboratory

Inorganic Chemistry Laboratory

Laboratory to accompany 3210. Synthetic methods in inorganic and organometallic chemistry. Use of instrumental methods in organic chemistry. One four hour laboratory period per week. Concurrent registration in 3210 required.

Co-requisites: CHEM 3210.

credit hours: 1

CHEM 3310 Instrumental Analysis

Instrumental Analysis

Introduction to modern methods of instrumental analysis including separation techniques and spectroscopic and electrochemical methods. Three hours of lecture per week. Concurrent registration in 3330 required. Offered in alternate years.

Pre-requisites: CHEM 1080, 1180, and either CHEM 2410 and 2430 or CHEM H2450 and H2470.

Co-requisites: CHEM 3330.

credit hours: 3

CHEM 3315 Instrumental Analysis Laboratory

Instrumental Analysis Laboratory

Laboratory to accompany 3310. Practice of separation techniques and spectroscopic and electrochemical methods of analysis. Two four-hour laboratory periods per week. Concurrent registration in 3310 required. Offered in alternate years.

Pre-requisites: CHEM 1080, 1180, and either CHEM 2410 and 2415.

Co-requisites: CHEM 3310.

credit hours: 1

CHEM 3830 Introduction to Biochemistry

Introduction to Biochemistry

Properties of biological compounds. Bioenergetics, basic metabolic pathways, general biochemical mechanisms. Offered jointly with the cell and molecular biology department.

Pre-requisites: CHEM 2420.

credit hours: 3

CHEM 3835 Introduction to Biochemistry Laboratory

Introduction to Biochemistry Laboratory

Eight hours of laboratory per week. Offered in the Fall semester.

Co-requisites: CHEM 3830 (exemption by approval of instructor).

credit hours: 2

CHEM 3840 Intermediate Biochemistry

Intermediate Biochemistry

Intermediary metabolism with emphasis on the integration of lipid, saccharide, and amino acid metabolism. Electron transport and oxidative phosphorylation. Photosynthesis. Purine and pyrimidine metabolism. Offered jointly with the cell and molecular biology department.

Pre-requisites: CHEM 3830.

credit hours: 3

CHEM 3910 Special Topics

Special Topics

Special topics in chemistry. For description, consult department.

credit hours: 3

CHEM 4010 Research and Seminar

Research and Seminar

Individual research supervised by the faculty. Students are expected to present a short seminar based on their research. At least 10 hours of research effort per week. A maximum of three credits may be taken.

Pre-requisites: Junior standing or approval of department.

credit hours: 1-3

CHEM 4020 Research and Seminar

Research and Seminar

Same as 4010 in organization. A maximum of three credits may be taken.

credit hours: 1-3

CHEM 4230 Organometallic Chemistry

Organometallic Chemistry

The chemistry of compounds containing main group and transition metal-carbon bonds. A survey of major classes of organometallic compounds and their reaction chemistry. The role of organometallic compounds in homogeneous catalysis. Three hours of lecture per week.

Pre-requisites: 3210 or approval of instructor.

credit hours: 3

CHEM 4430 Nucleic Acid Chemistry

Nucleic Acid Chemistry

credit hours: 3

CHEM 5110 Capstone Component

Capstone Component

Co-requisites: CHEM 4010 or CHEM 4020.

credit hours: 0

CHEM 5111 Capstone Component

Capstone Component

credit hours: 0

CHEM 6150 Intermediate Physical Chemistry I

Intermediate Physical Chemistry I

Elementary quantum mechanics, quantum theory of molecular structure and bonding, fundamentals of spectroscopy

credit hours: 3

CHEM 6160 Intermediate Physical Chemistry II

Intermediate Physical Chemistry II

First, Second, and Third Laws of thermodynamics, thermodynamic energy state functions, phases of pure substances, properties of mixtures, chemical equilibrium, equilibrium electrochemistry, statistical thermodynamics.

credit hours: 3

CHEM 6250 Intermediate Inorganic

Intermediate Inorganic

Periodic relationships, types of bonding, coordination complexes, acid-base concepts, inorganic reaction mechanisms.

credit hours: 3

CHEM 6460 Intermediate Organic

Intermediate Organic

Structural, chemical, and physical properties of organic compounds.

credit hours: 3

CHEM 6830 Introduction to Biochemistry

Introduction to Biochemistry

Properties of biological compounds, Bioenergetics, basic metabolic pathways, general biochemistry mechanisms.

credit hours: 3

CHEM 6835 Introduction to Biochemistry Laboratory

Introduction to Biochemistry Laboratory

See Chemistry 3835 for description.

credit hours: 3

CHEM 6840 Intermediate Biochemistry

Intermediate Biochemistry

Intermediary metabolism with emphasis on the integration of lipid, saccharide, and amino acid metabolism. Electron transport and oxidative phosphorylation.

credit hours: 3

CHEM 7030 Introductory Quantum Mechanics

Introductory Quantum Mechanics

credit hours: 3

CHEM 7040 Applications of Quantum Chemistry to Atoms and Molecules

Applications of Quantum Chemistry to Atoms and Molecules

credit hours: 3

CHEM 7110 Intro Quantum Mechanics

Intro Quantum Mechanics

credit hours: 3

CHEM 7120 Statistical Mechanics

Statistical Mechanics

credit hours: 3

CHEM 7130 Advanced Quantum Chemistry

Advanced Quantum Chemistry

credit hours: 3

CHEM 7140 Computational Quantum Chemistry

Computational Quantum Chemistry

credit hours: 3

CHEM 7150 Chemical Physics

Chemical Physics

credit hours: 3

CHEM 7190 Special Topics in Physical Chemistry

Special Topics in Physical Chemistry

credit hours: 3

CHEM 7210 Inorganic Structure and Bonding

Inorganic Structure and Bonding

credit hours: 3

CHEM 7220 Inorganic Reaction Mechanics

Inorganic Reaction Mechanics

credit hours: 3

CHEM 7230 Organometallic/Transition Metals

Organometallic/Transition Metals

credit hours: 3

CHEM 7240 Organometallic Chemistry (Main Group Metals)

Organometallic Chemistry (Main Group Metals)

credit hours: 3

CHEM 7250 Physical Methods In Inorganic Chemistry

Physical Methods In Inorganic Chemistry

credit hours: 3

CHEM 7260 Crystallography

Crystallography

credit hours: 3

CHEM 7270 Photochemistry

Photochemistry

credit hours: 3

CHEM 7280 Inorganic Nanochemistry

Inorganic Nanochemistry

credit hours: 3

CHEM 7290 Special Topics Inorganic Chemistry

Special Topics Inorganic Chemistry

credit hours: 3

CHEM 7320 Applied Spectroscopy

Applied Spectroscopy

credit hours: 3

CHEM 7390 Special Topics Biological Chemistry

Special Topics Biological Chemistry

credit hours: 3

CHEM 7410 Advanced Organic- Physical Organic

Advanced Organic- Physical Organic

credit hours: 3

CHEM 7420 Advanced Organic- Spectroscopy

Advanced Organic- Spectroscopy

credit hours: 3

CHEM 7430 Advanced Organic Chemistry - Natural Products

Advanced Organic Chemistry - Natural Products

credit hours: 3

CHEM 7440 Advanced Organic - Polymer Chemistry

Advanced Organic - Polymer Chemistry

credit hours: 3

CHEM 7450 Advanced Organic - Supramolecular Chemistry

Advanced Organic - Supramolecular Chemistry

credit hours: 3

CHEM 7460 Advanced Organic-Synthetic Applications

Advanced Organic-Synthetic Applications

credit hours: 3

CHEM 7470 Advanced Organic Chemistry - Nucleic Acids

Advanced Organic Chemistry - Nucleic Acids

credit hours: 3

CHEM 7490 Special Topics Organic Chemistry

Special Topics Organic Chemistry

credit hours: 3

CHEM 7870 Division Seminar Section

Division Seminar Section

credit hours: 1

CHEM 7880 Division Seminar Section

Division Seminar Section

credit hours: 1-2

CHEM 7890 Techniques of Research

Techniques of Research

credit hours: 1-5

CHEM 7900 Techniques of Research

Techniques of Research

credit hours: 5

CHEM 9980 Master's Research

Master's Research

credit hours: 3

CHEM 9990 Dissertation Research

Dissertation Research

credit hours: 3

CHEM H4990 Honors Thesis

Honors Thesis

Notes: For senior honors candidates. May be substituted for 4010 and 4020, respectively.

credit hours: 3

CHEM H5000 Honors Thesis

Honors Thesis

Notes: For senior honors candidates. May be substituted for 4010 and 4020, respectively.

credit hours: 3

CMPS 1500 Introduction to Computer Science I

Introduction to Computer Science I

Computational tools are a critical part of our everyday lives. Software is the driving force behind cutting edge scientific discovery, blockbuster entertainment, and today's fast-paced marketplace. This course is an introduction to techniques, ideas and problem-solving approaches that are used to develop some of these tools. At a high level, we focus on developing "computational thinking", which is the practice of using abstraction to design and implement algorithms and software to solve problems that arise in many different areas of our daily lives, such as networks, social media, and scientific computing, to name just a few. At a practical level, students will design, implement, test and document their programs to learn introductory programming concepts, such as:

- Data types and data structures (e.g. lists, dictionaries, trees)
- Imperative programming (modular design using functions, recursion, object-oriented programming)
- Performance analysis via theoretical estimate, profiling and timing.

Most assignments in this course are programming assignments aimed to teach the students to express their ideas in efficient and elegant code; no prior programming experience is necessary to join and succeed in the course. Lecture periods are dedicated to introducing new material, discussions, individual and group activities and lab periods are used for programming practice. CMPS 1500 is the first course for Coordinate Major in Computer Science. It is usually offered in

the fall term.

credit hours: 4

CMPS 1600 Introduction to Computer Science II

Introduction to Computer Science II

This is the second course in the introductory course sequence for Coordinate Major in Computer Science and is the continuation of CMPS 1500. While CMPS 1500 focuses on a broad array of topics in computer science and a single language (Python), this class focuses on several core topics in the design, analysis and implementation of computational tools that are drawn from the fields of data structures, software engineering, and programming languages:

- Java, object-oriented programming, and test-driven development
- Data structures and abstract data types
- C and imperative programming
- Haskell and functional programming

By solving practical, real-life problems in different programming languages and in different ways, students learn to select a language and approach most appropriate for the situation, and prepare to learn new languages independently. The high-level goal of this course is to train students to be able to draw from a versatile set of skills, which in turn will provide a strong foundation for further study in computer science. CMPS 1600 is usually offered in the spring term.

Pre-requisites: CMPS 1500 or equivalent

credit hours: 4

CMPS 2120 Introduction to programming and problem-solving in Python

Introduction to programming and problem-solving in Python

An introductory course on computer programming and problem-solving using computers. In this course students design, implement, test and debug programs for computational problems using Python programming language. This course emphasizes program design process, object-oriented software development approach, and practical programming skills that translate to programming in other modern languages. Assignments include practical problems drawn from various fields (such as biology, linguistics, graphics, and games).

credit hours: 3

CMPS 2170 Discrete Mathematics

Discrete Mathematics

This course is an introduction to several areas of mathematics that are particularly useful in computer science. The topics include an introduction to predicate and propositional logic, mathematical induction, combinatorics and counting, and discrete probability theory. We recommend that students interested in pursuing further study in computer science take CMPS 2170 before, or concurrently with CMPS 1500 or CMPS 1600.

Pre-requisites: MATH 1220 or MATH 1310 or permission of instructor.

credit hours: 3

CMPS 2200 Introduction to Algorithms

Introduction to Algorithms

This course is an introduction to the design and analysis of algorithms, and covers several basic algorithmic paradigms and their application to core computational problems in graph theory and optimization, as well as analysis of time and space complexity. The primary focus of the course will be on understanding the divide-and-conquer, greedy and dynamic programming paradigms

for algorithm design as well as the problem areas to which they can be applied. Example application areas include graph theory, discrete optimization, numeric and scientific computing and machine learning.

Pre-requisites: CMPS 1600, CMPS/MATH 2170.

credit hours: 3

CMPS 2300 Introduction to Computer Systems and Networking

Introduction to Computer Systems and Networking

Modern computer systems must take advantage not only of the latest hardware technology, but also of

the ability to compute and communicate over a network. The primary focus of this course will be to

understand the principles behind the design of modern operating systems and distributed systems

through theoretical study of classic solutions and hands-on programming assignments in C.

To understand the architecture and organization of modern operating systems, we will examine issues

such as resource management and scheduling, memory management, multi-threading and concurrency,

and file system organization. To understand distributed systems, we will examine topics such as protocol design, asynchronous and synchronous communication, and layered network architecture

Pre-requisites: CMPS 1600 or permission of the instructor

credit hours: 3

CMPS 3110 Introduction to Computational Biology and Bioinformatics

Introduction to Computational Biology and Bioinformatics

This course gives an overview of numerous fundamental areas in computational biology: computational sequence analysis, sequencing technologies and algorithms, protein structure prediction and determination, systems biology and phylogenetic analysis. These areas are covered with a focus on understanding why and how engineering and computational methods are applied to real-world biological questions.

Pre-requisites: CMPS 1600, CMPS 2200.

credit hours: 3

CMPS 3120 Special Topics

Special Topics

This course varies from time to time, focusing on topics of interest to the faculty and students.

Pre-requisites: Permission of the instructor.

credit hours: 3

CMPS 3130 Introduction to Computational Geometry

Introduction to Computational Geometry

This course provides an introduction to geometric algorithms and geometric data structures.

Computational Geometry is a young discipline which enjoys close relations to mathematics and to various application areas such as geometric databases, molecular biology, sensor networks, visualization, geographic information systems (GIS), VLSI, robotics, computer graphics and

geometric modeling. Covered topics include fundamental geometric algorithm design and analysis paradigms, geometric data structures for planar subdivisions and range searching, algorithms to compute the convex hull, Voronoi diagrams, and Delaunay triangulation, as well as selected advanced topics.

Pre-requisites: CMPS 2200 or permission of the instructor.

credit hours: 3

CMPS 3140 Introduction to Artificial Intelligence

Introduction to Artificial Intelligence

The aim of this course is to provide the student with an introduction to the main concepts and techniques playing a key role in the modern arena of artificial intelligence. In addition to covering the main topics that concern modern AI, particular attention will be devoted to its applications in several fields. Among the topics covered are, "What is an intelligent artificial agent?", problem solving using search and constraint satisfaction, uncertainty, Bayesian networks and probabilistic inference, supervised learning, planning, sequential decision problems, as well as several additional topics.

Pre-requisites: CMPS 1500, CMPS/MATH 2170.

credit hours: 3

CMPS 3210 Algorithms for Computational Structural Biology

Algorithms for Computational Structural Biology

Over the last few decades, as we have been able to determine whole genome sequences, structural biologists have sought to determine and catalog protein structures with an increasing reliance on computational methods. Automated methods to analyze protein structure make it possible to leverage information from previously solved structures, and to interpret experimental data in a principled way. In this course, we will focus on the myriad of algorithms for analyzing numerous aspects of protein structure and protein-protein interactions.

Pre-requisites: CMPS 1600, CMPS 2200.

credit hours: 3

CMPS 3240 Introduction to Machine Learning

Introduction to Machine Learning

This course provides an introduction to the fundamental concepts of machine learning and statistical pattern recognition. In addition, several examples of applications will be described. The topics covered include generative/discriminative and parametric/non-parametric supervised learning, including neural networks; unsupervised learning, including clustering, dimensionality reduction and kernel methods; learning theory, including tradeoffs, large margins and VC theory; reinforcement learning, including criteria for optimality, brute force methods, value function methods and direct policy search; feedforward/feedback adaptive control, direct/indirect adaptive control methods; and various applications.

Pre-requisites: CMPS 1500, CMPS/MATH 2170.

credit hours: 3

CMPS 3250 Theory of Computation

Theory of Computation

This course is an introduction to the theory of computation. It begins with regular languages and their representation as finite state automata, and continues with context free languages and pushdown automata. Turing machines and the Church-Turing Thesis are also considered, as well as decidability and reducibility. The basic notions of complexity theory area also covered,

including P and NP for time complexity, as well as basic results about space complexity.

Pre-requisites: CMPS/MATH 2170 or equivalent.

credit hours: 3

CMPS 3260 Advanced Algorithms

Advanced Algorithms

This course is an introduction to the theory of computation. It begins with regular languages and their representation as finite state automata, and continues with context free languages and pushdown automata. Turing machines and the Church-Turing Thesis are also considered, as well as decidability and reducibility. The basic notions of complexity theory area also covered, including P and NP for time complexity, as well as basic results about space complexity.

Pre-requisites: CMPS/MATH 2170 or equivalent.

credit hours: 3

CMPS 3280 Information Theory

Information Theory

This course is an introduction to Shannon's mathematical theory of information. It considers basic concepts such as information content, entropy and the Kullback-Leibler distance, as well as areas such as data compression and Shannon's Source Coding Theorem, coding, prefix codes, lossless channels and their capacity, and Shannon's Noisy Coding Theorem. Applications to various areas are also featured in the course.

Pre-requisites: MATH 3050 or 3090 and familiarity with discrete probability or permission of instructor.

credit hours: 3

CMPS 3300 Software Studio

Software Studio

This is a project-oriented course on fundamentals of software development and software engineering. Working in teams, students apply a recognized software engineering methodology, a modern programming language and software development tools (including an IDE, debugger, version control system, and testing framework) to design and implement a semester-long project – a software solution for a real-world problem.

The high goal of the course is to train students to function efficiently in a real-world software development environment. To help reach that goal, the students of the course do a lot of independent learning, teamwork, documentation and public presentation of their product and design process.

The particular technologies employed in the course may change in synchrony with changes in software engineering field, currently the focus is on engineering software-as-a-service using Ruby for programming language and Rails for web development framework.

Pre-requisites: CMPS 1600, CMPS 2200 or approval of instructor.

credit hours: 3

CMPS 3360 Information and Scientific Visualization

Information and Scientific Visualization

An introduction on how graphical representations of data can be used to aid understanding. This course details the theory and practice of designing effective information or scientific

visualizations. The techniques learned in this class have wide applications to all fields in engineering and science, where due to increasing sizes and complexity data now demands effective presentation and analysis. Topics will include iso-surfacing, volume rendering, transfer functions, vector/tensor fields, topological analysis, large data visualization, and uncertainty in visualizations

credit hours: 3

CMPS 4010 Capstone Project Part 1 of 2

Capstone Project Part 1 of 2

This is the first semester of a two-semester course devoted to the development of the student's capstone project, which is required for the Computer Science coordinate major. Each student is overseen by a faculty advisor in computer science, in coordination with a faculty advisor from the area in which the project aims to demonstrate the application of computer science to that discipline.

Pre-requisites: Approval of the department.

credit hours: 2

CMPS 4020 Capstone Project Part 2 of 2

Capstone Project Part 2 of 2

This is the second of a two-semester course devoted to the development of the student's capstone project, which is required for the Computer Science coordinate major. Each student is overseen by a faculty advisor in computer science, in coordination with a faculty advisor from the area in which the project aims to demonstrate the application of computer science to that discipline.

Pre-requisites: Approval of the department.

credit hours: 2

CMPS 4150 Multi-Agent Systems

Multi-Agent Systems

This course will cover advanced topics in artificial intelligence. The topic will be announced at the start of each semester.

Pre-requisites: Approval of the department.

credit hours: 3

CMPS 4230 Advanced Computational Geometry

Advanced Computational Geometry

This course covers a selection of advanced geometric algorithms and geometric data structures, and their application to other disciplines. Selected topics may include: Dynamic and kinetic data structures, geometric algorithms and data structures in higher dimensions, shape analysis and matching, robustness and implementation issues, geometric approximation algorithms.

Applications to disciplines such as geometric databases, molecular biology, sensor networks, visualization, geographic information systems (GIS), VLSI, robotics, computer graphics, and geometric modeling will be discussed.

Pre-requisites: CMPS 3130/6130 or permission of instructor.

credit hours: 3

CMPS 4250 Mathematical Foundations of Computer Security

Mathematical Foundations of Computer Security

This course studies the mathematics underlying computer security, including both public key and

symmetric key cryptography, crypto-protocols and information flow. The course includes a study of the RSA encryption scheme, stream and block ciphers, digital signatures and authentication. It also considers semantic security and analysis of secure information flow.

Pre-requisites: One semester of Calculus, CMPS/MATH 2170, and permission of instructor.

credit hours: 3

CMPS 4730 Machine Learning and Natural Language Processing

Machine Learning and Natural Language Processing

This course focuses on advanced machine learning techniques and their application in the domain of natural language processing (NLP). Many real world machine learning problems deal with mapping data to structured representations, and in the NLP domain the output structure represents lexical, syntactical or semantic aspects of the text. Techniques covered in this course include discriminative and generative models including Structured Perceptron and Structured SVMs, Constrained Conditional Models, Probabilistic Graphical Models as well as Deep Learning techniques.

Pre-requisites: CMPS 6720/4720 or CMPS 3240/6240 or equivalent, or permission of the instructor

credit hours: 3

CMPS 4750 Computer Networks

Computer Networks

This is a graduate level course on computer networking. The objective of the course is to introduce students to the core concepts and analytic techniques in the design and analysis of computer networks and network protocols. We will explain both how computer networks work using the Internet as the paradigm and why they work from an optimization and control perspective.

Pre-requisites: Discrete Mathematics and Introduction to Algorithms or equivalent or instructor approval

credit hours: 3

CMPS 4760 Distributed Systems

Distributed Systems

This course covers the fundamental concepts in distributed computing at the graduate level. The objective is to introduce students to the core notions, algorithms, and analytic tools in the design of distributed systems. Recent developments in peer-to-peer systems, cloud computing, sensor networks, etc. will be used as case studies to help students establish a firm understanding of the philosophy and pitfalls in the design of computer systems when there is no global clock and when unpredictable failures and variable latency are the norm.

Pre-requisites: Discrete Mathematics, Introduction to Algorithms, Introduction to Computer Systems and Networking or equivalent or instructor approval

credit hours: 3

CMPS 4910 Independent Study in Computer Science

Independent Study in Computer Science

This is a directed study course that allows a student to pursue a topic of particular interest under the direction of a computer science faculty member. No more than three hours of 4910-4920 may be counted toward satisfying the major requirements.

Pre-requisites: Approval of the department.

credit hours: 3

CMPS 4990 Honors Thesis in Computer Science

Honors Thesis in Computer Science

Pre-requisites: Approval of the department.

credit hours: 3

CMPS 5000 Honors Thesis in Computer Science

Honors Thesis in Computer Science

Pre-requisites: Approval of the department.

credit hours: 3

CMPS 6120 Special Topics

Special Topics

This course varies from time to time, focusing on topics of interest to the faculty and students.

Pre-requisites: Permission of the instructor.

credit hours: 3

CMPS 6130 Introduction to Computational Geometry

Introduction to Computational Geometry

This course provides an introduction to geometric algorithms and geometric data structures. Computational Geometry is a young discipline which enjoys close relations to mathematics and to various application areas such as geometric databases, molecular biology, sensor networks, visualization, geographic information systems (GIS), VLSI, robotics, computer graphics and geometric modeling. Covered topics include fundamental geometric algorithm design and analysis paradigms, geometric data structures for planar subdivisions and range searching, algorithms to compute the convex hull, Voronoi diagrams, and Delaunay triangulation, as well as selected advanced topics.

Pre-requisites: CMPS 2200 or permission of the instructor.

credit hours: 3

CMPS 6150 Multi-Agent Systems

Multi-Agent Systems

This course will cover advanced topics in artificial intelligence. The topic will be announced at the start of each semester.

Notes: Approval of the department.

credit hours: 3

CMPS 6210 Algorithms for Computational Structural Biology

Algorithms for Computational Structural Biology

Over the last few decades, as we have been able to determine whole genome sequences, structural biologists have sought to determine and catalog protein structures with an increasing reliance on computational methods. Automated methods to analyze protein structure make it possible to leverage information from previously solved structures, and to interpret experimental data in a principled way. In this course, we will focus on the myriad of algorithms for analyzing numerous aspects of protein structure and protein-protein interactions.

Pre-requisites: CMPS 1600, CMPS 2200.

credit hours: 3

CMPS 6230 Advanced Computational Geometry

Advanced Computational Geometry

This course covers a selection of advanced geometric algorithms and geometric data structures,

and their application to other disciplines. Selected topics may include: Dynamic and kinetic data structures, geometric algorithms and data structures in higher dimensions, shape analysis and matching, robustness and implementation issues, geometric approximation algorithms. Applications to disciplines such as geometric databases, molecular biology, sensor networks, visualization, geographic information systems (GIS), VLSI, robotics, computer graphics, and geometric modeling will be discussed.

Pre-requisites: CMPS 3130/6130 or permission of instructor.

credit hours: 3

CMPS 6260 Advanced Algorithms

Advanced Algorithms

Students who have taken neither MATH 2170 nor MATH 3200 require the permission of the instructor. A study of important algorithms (including searching and sorting, graph/network algorithms, and algorithms in number theory) and algorithm design techniques (including greedy, recursive, and probabilistic algorithms). Covers the analysis of algorithms (including worst-case and average-case analysis) and discussions of complexity classes for decision and enumeration problems (including P, NP, #P, PSPACE).

Pre-requisites: MATH 3050 or 3110 or 3200.

credit hours: 3

CMPS 6310 Logic in Computer Science

Logic in Computer Science

This course is an introduction to logic and its applications in computer science. The topics covered include soundness and completeness of propositional logic, predicate logic, linear time temporal logic and branching time temporal logics and their expressive power, frameworks for software verification, Hoare triples, partial and total correctness, modal logics and agents, and binary decision diagrams.

Pre-requisites: CMPS 2200 or equivalent and CMPS 2170 or equivalent or permission of instructor.

credit hours: 3

CMPS 6350 Introduction to Computer Graphics

Introduction to Computer Graphics

A comprehensive introduction to the mathematics and algorithms that drive today's digital special effects, animation, and games. Designed as a hands-on course, students will gain experience in building 2D/3D interactive applications using OpenGL. Topics covered will include geometric transformations, projections, raster algorithms, 3D object models (surface and volume), visible surface algorithms, texture mapping, lighting/shading, ray-tracing, anti-aliasing, and compositing.

Pre-requisites: CMPS 1600 or permission of instructor.

credit hours: 3

CMPS 6360 Information and Scientific Visualization

Information and Scientific Visualization

An introduction on how graphical representations of data can be used to aid understanding. This course details the theory and practice of designing effective information or scientific visualizations. The techniques learned in this class have wide applications to all fields in engineering and science, where due to increasing sizes and complexity data now demands effective presentation and analysis. Topics will include iso-surfacing, volume rendering, transfer functions, vector/tensor fields, topological analysis, large data visualization, and uncertainty in

visualizations

credit hours: 3

CMPS 6730 This course focuses on advanced machine learning techniques and their application in the domain of natural language processing (

This course focuses on advanced machine learning techniques and their application in the domain of natural language processing (

Pre-requisites: CMPS 6720/4720 or CMPS 3240/6240 or equivalent, or permission of the instructor

credit hours: 3

CMPS 6750 Computer Networks

Computer Networks

This is a graduate level course on computer networking. The objective of the course is to introduce students to the core concepts and analytic techniques in the design and analysis of computer networks and network protocols. We will explain both how computer networks work using the Internet as the paradigm and why they work from an optimization and control perspective.

Pre-requisites: Discrete Mathematics and Introduction to Algorithms or equivalent or instructor approval

credit hours: 3

CMPS 6760 Distributed Systems

Distributed Systems

This course covers the fundamental concepts in distributed computing at the graduate level. The objective is to introduce students to the core notions, algorithms, and analytic tools in the design of distributed systems. Recent developments in peer-to-peer systems, cloud computing, sensor networks, etc. will be used as case studies to help students establish a firm understanding of the philosophy and pitfalls in the design of computer systems when there is no global clock and when unpredictable failures and variable latency are the norm.

Pre-requisites: Discrete Mathematics, Introduction to Algorithms, Introduction to Computer Systems and Networking or equivalent or instructor approval

credit hours: 3

EENS 1050 Dinosaurs

Dinosaurs

Evolution of the dinosaurs and their ancestors. An examination of dinosaurs' classification, morphology, and modes of life. Emphasis on their fossil record and man's concept about dinosaurs.

credit hours: 3

EENS 1110 Physical Geology

Physical Geology

The origin, nature and evolution of the Earth-Moon system and their constituent materials; development of Earth's surface features through interaction of physical, chemical, and biological processes over geologic time; considerations of interactions between Earth processes and present day human activity.

Co-requisites: EENS 1115.

credit hours: 3

EENS 1115 Physical Geology Laboratory

Physical Geology Laboratory

A hands-on study of rocks, minerals, landforms and geologic structures using topographic maps, aerial photographs, physical models, field examination and independent research projects. One laboratory per week; field trips.

Co-requisites: EENS 1110.

credit hours: 1

EENS 1120 Earth History

Earth History

The physical evolution of the Earth over the past 4.6 billion years.

Co-requisites: EENS 1125.

credit hours: 3

EENS 1125 Earth History Laboratory

Earth History Laboratory

An introduction to the study and use of fossils as recorders of geologic time. The lab also employs geologic maps and cross-sections to unravel geologic histories of various regions.

Co-requisites: EENS 1120.

credit hours: 1

EENS 1200 Earth Systems

Earth Systems

An introduction to the variety of processes that shape the Earth's surface. This includes an outline of the evolution of the surface of our planet, focusing primarily on the past few million years. This time interval is particularly relevant to understanding the Earth system in which we live and that is undergoing rapid transformation due to human activities.

credit hours: 3

EENS 1300 Earth as a Living Planet

Earth as a Living Planet

An introduction to the interaction of earth systems and man; anthropogenic impacts of population growth and economic development; renewable and non-renewable resources, air, water and soil pollution and mitigation; ecosystems and biological diversity; and environmental problem solving using the scientific method. Students develop a holistic understanding of environmental science using class discussions and laboratories to reinforce basic scientific principles.

Co-requisites: EENS 1305.

credit hours: 3

EENS 1310 Earth as a Living Planet Laboratory

Earth as a Living Planet Laboratory

Laboratory to accompany EENS 1300.

Co-requisites: EENS 1300.

credit hours: 1

EENS 1890 Service Learning

Service Learning

Service learning component to Earth and Environmental Sciences courses. See Schedule of Classes each semester for offerings. 20 or 40 hours of public service with a CPS approved community partner.

credit hours: 0

EENS 2020 Environmental Geology

Environmental Geology

The interaction of humans and their geologic environment. A study of Earth processes and their action on rocks, soil, fluids, and life in ways that either affect or control the human environment. The effect of humans on their environment with consideration of the feedback between Earth processes and human activities. Lectures and field trips.

credit hours: 3

EENS 2030 History of Life

History of Life

Multi-disciplinary introduction to the evolution of life on Earth, from its origin through the Pleistocene. Evolution and ecology of organisms in primitive environments, with special attention given to key taxa and events, such as the transition to land, the origin of angiosperms, the rise and fall of dinosaurs, and the origin and early evolution of reptiles, birds, and mammals. Emphasis placed on the reconstruction of ancient environments, using modern ecological and evolutionary principles as a guideline to the nature of early biological communities and ecosystems.

credit hours: 3

EENS 2060 Introductory Geography

Introductory Geography

An introduction to the basic facts concerning the physical environment: landforms, climates, vegetation and soils, followed by a comprehensive survey of the relationship between the physical environment and human activity in the major geographic regions of the world. The geography of Louisiana is considered in relation to the region. Recommended to students working toward Louisiana certification in elementary education.

credit hours: 3

EENS 2070 Weather and Climate

Weather and Climate

An introduction to the Earth's atmosphere with particular emphasis on weather and climate. Topics covered include: heating and cooling of the atmosphere; atmospheric circulation and wind; air masses and cyclonic storms; tropical weather and hurricanes; and global climates and climatic change.

credit hours: 3

EENS 2080 Extreme Weather

Extreme Weather

This course is designed to give students a fundamental understanding of severe weather and its impact on man and the environment. Students focus on life cycles of thunderstorms, tornadoes, hurricanes, blizzards, and ice storms, as well as the impacts of temperature and precipitation extremes.

credit hours: 3

EENS 2090 Surface Water Hydrology

Surface Water Hydrology

This course focuses on the movement of water in and among surface water systems and exchanges between the surface, atmospheric and ground water components of the hydrologic

cycle. A grade of C- or better is required for the Environmental Earth Science Major.

Pre-requisites: Math 1210

credit hours: 3

EENS 2110 Mineralogy

Mineralogy

Crystallography, mineralogy, and the identification of minerals in hand specimen and using the petrographic microscope.

Notes: A grade of C- or better is required in this course before subsequent enrollment in EENS 2120 is permitted. In addition to lectures, there are two laboratories per week.

Pre-requisites: EENS 1110.

Co-requisites: CHEM 1070/1075 (concurrent enrollment).

credit hours: 4

EENS 2120 Petrology

Petrology

The study of igneous and metamorphic rocks including their nature and origin in both hand specimen and using the petrographic microscope.

Notes: In addition to lectures there are two laboratories per week.

Pre-requisites: EENS 2110.

credit hours: 4

EENS 2230 Oceanography

Oceanography

A broad survey of chemical, physical, and geological oceanography with a brief historical overview and a consideration of current concepts.

credit hours: 3

EENS 3050 Natural Disasters

Natural Disasters

An examination of the causes and effects of natural disasters, such as earthquakes, subsidence, coastal erosion, flooding, severe weather (including hurricanes), and meteorite impacts. Also includes a discussion of options available to mitigate disasters.

credit hours: 3

EENS 3090 Invertebrate Paleontology

Invertebrate Paleontology

Principles of invertebrate paleontology; a systematic treatment of the fossil invertebrates and their living relatives. Emphasis on functional morphology, ontogeny, and paleoecology. Lectures, laboratory, field trips.

Pre-requisites: EENS 1120 or approval of instructor.

credit hours: 3

EENS 3150 Introduction to Geographic Information Systems

Introduction to Geographic Information Systems

This course is designed to give students a general understanding of geographic information systems (GIS) and the Environmental Systems Research Institute (ESRI) ArcGIS software. The approach taken is detailed instruction in utilizing ArcGIS to solve problems in the earth and environmental sciences.

Co-requisites: EENS 3151.

credit hours: 3

EENS 3151 Introduction to Geographic Information Systems Laboratory

Introduction to Geographic Information Systems Laboratory

Co-requisites: EENS 3150.

credit hours: 0

EENS 3170 Geomorphology

Geomorphology

The study of processes leading to landform creation and development in response to climate and tectonics. Overview of fundamental and applied activities undertaken by geomorphologists.

Pre-requisites: EENS 1110/1115.

Co-requisites: MATH 1210

credit hours: 3

EENS 3171 Geomorphology Discussion

Geomorphology Discussion

A discussion section to accompany EENS 3170/6170, Geomorphology.

credit hours: 0

EENS 3270 Sedimentation and Stratigraphy

Sedimentation and Stratigraphy

Composition, primary textures, and structures of sediments in major sedimentary environments. Environmental interpretation of ancient sedimentary sequences. The basic principles utilized in interpretation of the stratigraphic column. The associated laboratory focuses primarily on methods of sedimentary analysis. Mandatory field trip to Ouachita Mountains, Arkansas.

Pre-requisites: EENS 2110.

credit hours: 3

EENS 3410 Structural Geology

Structural Geology

Principles and mechanics of rock deformation, the evolution of geological structures, and the relations between structures and plate tectonics. Laboratory section focuses on geological problem solving. Field trip to the Southern Appalachian Mountains.

Pre-requisites: EENS 1110/1115, 2110.

credit hours: 3

EENS 3550 Shark Paleobiology

Shark Paleobiology

This course examines the processes and patterns of shark speciation, diversification, macroevolution, and extinction within the framework of developing a problem-based learning activity using shark teeth for a K-12 classroom. Particular emphasis is placed on the systematics and functional morphology of shark teeth.

Pre-requisites: EBIO 1010, EENS 1120/1125, EBIO 3500, EENS 4090, or approval of instructor.

credit hours: 3

EENS 3600 The Science of Climate Change

The Science of Climate Change

This course emphasizes the scientific basis for anthropogenic climate change. Students will learn the physics behind the climate system, how climate has changed in the past and reasons

why contemporary climate change is different, the scientific basis for anthropogenic climate change theory and how scientists use models to predict future climate. The course will also provide an overview of the physical, ecological, biological, social and economic impacts of climate change. Finally, students will examine various mitigation and adaptation strategies which society can employ in a warmer world.

credit hours: 3

EENS 3650 Marine Environmental Geology

Marine Environmental Geology

This course is an introduction to the aspects of coastal and marine geology and oceanography that are societally linked through environmental issues and marine resource availability. This will provide a basic science introduction to topics that include estuarine oceanography and sedimentation, eutrophication of coastal waters, primary productivity and deep sea sedimentation, waves and tides, sea level history and the evolution of coastlines, and the geology of the Gulf coastal region. However, the larger goal of the course will be to focus on a series of societally relevant environmental issues with a marine geological connection either in causation or in mitigation/adaptation/solution strategies. These issues are divided broadly into topics relevant to land-ocean connectivity, natural hazards, global climate change, and local/regional anthropogenic effects. In addition to a critical analysis of global (marine) environmental issues, another goal will be to improve presentation skills, both oral and written.

credit hours: 3

EENS 3720 Infrastructure of Sustainable Urban Environments

Infrastructure of Sustainable Urban Environments

Selected elements of the urban physical infrastructure serve as starting points to illustrate concepts from underlying science fields. The central question is "What makes a sustainable city work?" Specifically, the course introduces and reinforces key concepts from physics, chemistry, microbiology and environmental science. The course is divided into four segments, each including a field trip to a site in the New Orleans area that will provide opportunities for experimental learning and first-hand observation of relevant physical phenomena.

credit hours: 3

EENS 3800 Environmental Analysis Laboratory

Environmental Analysis Laboratory

Introduction to basic analytical techniques commonly used in environmental science, with a focus on aqueous and soil/sediment matrices. Includes determination of solids, alkalinity and hardness, adsorption isotherms, oxygen content, conductivity, as well as spectrometric and chromatographic techniques and soil metals analysis.

credit hours: 3

EENS 3890 Service Learning

Service Learning

Service learning component to Earth and Environmental Sciences' courses. See Schedule of Classes each semester for offerings. 20 or 40 hours of public service with a CPS approved community partner.

credit hours: 1

EENS 3970 Special Topics in Environmental Sciences

Special Topics in Environmental Sciences

A special course taught by Tulane faculty or visiting faculty. The topic will be listed in the Schedule of Classes.

credit hours: 3

EENS 3980 Environmental Field Study

Environmental Field Study

The application of basic field methods to practical problems in environmental science. Students typically complete this course at an approved summer field camp offered by another college or university. Students may pursue opportunities in groundwater hydrology, oceanography, remote sensing, environmental field methods, or environmental internships.

Pre-requisites: EENS 3270, 3approval of undergraduate advisor before enrollment.

credit hours: 5

EENS 3990 Field Geology

Field Geology

The application of basic field methods to practical problems in field geology, including the construction of geological maps. Students typically complete this course at an approved summer field camp offered by another college or university.

Pre-requisites: EENS 2120, 3270, 3410 and approval of undergraduate advisor before enrollment.

credit hours: 3-6

EENS 4010 Surface Processes and Landscape Evolution

Surface Processes and Landscape Evolution

This course explores the processes that shape landscapes. The course is focused around a mandatory week-long field trip during spring break in which data are collected to quantify and understand the evolution of the field site. Lectures review the required theory and methods necessary for the field trip and data analysis post-trip. Grades are based on projects, presentations, written papers, and discussions. Knowledge of GIS is required.

EENS 4020 Geostatistics

Geostatistics

This course is designed to provide students with an understanding of basic statistical techniques, including univariate, multivariate and non-parametric statistics, as applied in the earth and environmental sciences.

credit hours: 3

EENS 4040 Coastal Marine Geology

Coastal Marine Geology

Geomorphic features of estuarine, coastal, and continental shelf environments: erosional, depositional, and geochemical processes; field and laboratory methods; emphasis on dynamic coastal environments of the northern Gulf of Mexico.

Pre-requisites: EENS 1110/1115, 1120/1125, and CHEM 1070, 1080.

credit hours: 3

EENS 4060 Tectonic Geomorphology

Tectonic Geomorphology

The interplay between tectonic processes and the development and modification of landforms, from the scale of earthquake ruptures to mountain building. The course will also include an overview of techniques for analyzing tectonic and geomorphic data, and an introduction to

geochronology and thermochronology. Lecture and seminar format; field trip; optional service learning component.

Pre-requisites: Recommended prior knowledge of structural geology and geomorphology.

credit hours: 3

EENS 4080 Special Topics

Special Topics

A special course taught by Tulane faculty or visiting faculty. The topic will be listed in the Schedule of Classes.

credit hours: 3

EENS 4160 Construction and Interpretation of 3D Stratigraphy

Construction and Interpretation of 3D Stratigraphy

Introduction to Remote Sensing From Earth surface to subsurface, this course uses three-dimensional volumes of basin-filling stratigraphy to explore how depositional landscapes are preserved in the sedimentary record and how sedimentary deposits can be analyzed to produce quantitative reconstructions of past environmental states.

Pre-requisites: EENS 3270

credit hours: 3

EENS 4180 Introduction to Remote Sensing

Introduction to Remote Sensing

Remote sensing is a rapidly evolving science and technology with numerous contributions to the Earth, environmental, and ocean sciences, such as monitoring of natural hazards including droughts, floods, landslides, volcanic eruptions, earthquakes, and forest fires. This course introduces the students to the principles of remote sensing with its wide applications in the Earth and environmental sciences. Fundamental knowledge is offered on the physics of remote sensing, photogrammetry, remote sensing data acquisition, remote sensing data types (multispectral, hyperspectral, RADAR, and LiDAR), and numerous applications. The course consists of two components: lectures and labs. In the lectures, the above topics will be reviewed and explained. The laboratory part of this course will cover digital image processing and analysis techniques using ENVI software.

credit hours: 3

EENS 4230 Tectonics

Tectonics

Tectonics encompasses the processes of large-scale deformation and the formation of structures that define, or are association with, Earth's tectonic plate boundaries. The course will include the historical development and testing of plate tectonic hypotheses, as well as a detailed overview of plate tectonics as a current unifying theory. Lecture format, but will include a limited number of discussions of published papers; field trip component is not graded, but participation is expected.

Pre-requisites: EENS 3410

credit hours: 3

EENS 4240 Advanced Oceanography

Advanced Oceanography

A broad survey of biological, chemical, physical, and geological oceanography with a brief historical overview and consideration of current concepts. There will also be an examination of biogeochemical relationships at macroscales, mesoscales, and microscales in the ocean.

credit hours: 3

EENS 4250 Isotopes in the Environment

Isotopes in the Environment

The use of stable and radioactive isotopes as tools to trace the movement of air, water, and sediments through the atmosphere, hydrosphere, biosphere, and lithosphere.

credit hours: 3

EENS 4260 Paleoclimatology

Paleoclimatology

Understanding past climate change is necessary to effectively predict the future of our planet, which is currently in a state of rapid transition. The main focus of the course is on the reconstruction and modeling of climates of the Quaternary, the past two million years of Earth's history.

Pre-requisites: Approval of instructor.

credit hours: 3

EENS 4270 Major World River Systems

Major World River Systems

Major rivers are important environmental features on Earth's surface in terms of their impact on humans and their vulnerability to negative impact by human activities. This course will explore natural river and watershed processes and how humans affect and are affected by these processes. Case studies from across the world will be explored.

Pre-requisites: EENS 3170 or approval of instructor.

credit hours: 3

EENS 4280 Stable Isotope Geochemistry

Stable Isotope Geochemistry

Students will learn about the distributions, exchange mechanisms, and fractionation factors of light isotopes (H, C, N, O, S) in the environment. Students will learn about measurement techniques and experimental design employing the powerful tool of stable isotope geochemistry and they will participate in an investigatory research project involving measuring isotope ratios.

credit hours: 3

EENS 4300 Groundwater Hydrology

Groundwater Hydrology

Occurrence of water in the near-surface environment. Topics include saturated and unsaturated flow in aquifers, aquifer characterization, well hydraulics, and groundwater chemistry.

Pre-requisites: CHEM 1070, 1080, MATH 1210, 1220, or equivalent.

credit hours: 3

EENS 4320 Subsurface Geology

Subsurface Geology

Principles of subsurface mapping with emphasis on 3-dimensional seismic reflection data. Utilization of geophysical data to construct subsurface maps. Students gain hands on experience with Seismic Micro-Technology's state-of-the-art software, The Kingdom Suite, in work-station based laboratory sessions. Lectures and laboratory.

Pre-requisites: EENS 3270, 3410, and approval of instructor.

credit hours: 3

EENS 4340 The Earth

The Earth

Earth as seen in the light of solid-earth geophysics: age and origin; seismology and structure of the interior; gravity, geodesy, and the geoid; heat budget; generation of the magnetic field and paleomagnetism; and geophysical constraints on plate tectonics. Lectures.

Pre-requisites: MATH 1210 and 1220, or equivalent, PHYS 1210 and 1220 or 1310 and 1320, and approval of instructor.

credit hours: 3

EENS 4350 Geologic Dating Methods

Geologic Dating Methods

IN this course the student will explore the development of methods used to date and establish rates of Earth and planetary processes via radiogenic isotopic methods. Students will come away with deeper understanding of age of the Universe, Solar system, and Earth and understand how radiogenic isotopic techniques can be used to study, for example, differentiation of the earth into its major components (crust, mantle, core).

credit hours: 3

EENS 4360 Environmental Geochemistry

Environmental Geochemistry

Quantitative examination of the fundamental processes that control the chemistry of natural waters. Topics will include equilibrium thermodynamics, kinetics, oxidation-reduction reactions, solution and surface complexation (adsorption), chemical weathering and biogeochemical cycling of chemical elements in the environment.

Pre-requisites: CHEM 1070,1080; MATH 1210,1220; EENS 2110 or equivalent.

credit hours: 3

EENS 4440 Introduction to Geophysics

Introduction to Geophysics

The broad aim of the course is to learn geophysical approaches to the study of subsurface structure of Earth, and its implications for Earth processes. Many of the methods we discuss can be used for shallow archaeology or environmental studies, as well as terrestrial planets. This course introduces students to the land, marine, and satellite methods used to map Earth's deep interior, but focuses on the crust and uppermost mantle. Practical work will expose students to geophysical methods used in geotechnical and building work (seismic, electromagnetic or EM), oil and mineral exploration (gravity, seismic, EM, heat flow), environmental assessment and archaeology (gravity, seismic, radar, EM, InSAR), and natural hazard mitigation (satellite, seismic, InSAR).

Pre-requisites: MATH 1220, EENS1110 or equivalents, or instructor approval

credit hours: 3

EENS 4560 Internship Studies

Internship Studies

Open only to juniors and seniors in good standing. An experimental learning process coupled with pertinent academic coursework and supervision. Registration is completed in the department office.

Notes: Only one internship may be completed per semester. A maximum of six credits may be earned in one or two courses.

Pre-requisites: Approval of instructor and department.

credit hours: 0-4

EENS 4570 Internship Studies

Internship Studies

Open only to juniors and seniors in good standing. An experimental learning process coupled with pertinent academic coursework and supervision. Registration is completed in the department office.

Notes: Only one internship may be completed per semester. A maximum of six credits may be earned in one or two courses.

Pre-requisites: Approval of instructor and department.

credit hours: 3

EENS 4680 Volcanology

Volcanology

The study of volcanoes including volcanic landforms, eruptive mechanisms, and tectonic environments.

Pre-requisites: Approval of instructor.

credit hours: 3

EENS 4800 Air Pollution

Air Pollution

Provides both a conceptual and qualitative understanding of meteorology with major emphasis on air pollution. Overview of major air pollutants, including their sources, sinks, transformation, effects and related control technologies. Exploration of the meteorological basis for pollutant dispersion/transport.

credit hours: 3

EENS 4820 Soil and Water Pollution

Soil and Water Pollution

An introduction to soil and water pollution, as well as environmental modeling, contaminant fate and transport, and physiocochemical processes that affect contaminant bioavailability.

credit hours: 3

EENS 4840 Solid Earth and Planetary Geophysics

Solid Earth and Planetary Geophysics

The interior structure, composition, and dynamics of Earth and the terrestrial planets can be deduced from a number of different physical, chemical, and thermodynamic observations and models. Topics include: Early bombardment and formation of proto-planetary discs, core formation, Earth's composition and age from radioactivity and thermal considerations, thermal and density structure, geomagnetic dynamo, mantle convection, and plate tectonics, and their absence on other terrestrial planets. Special topics for in-class seminars will explore the methodologies used to determine the internal structure (e.g., seismology, gravity), and the dynamics of systems (e.g., geomagnetism, plate tectonics, the water and carbon cycle).

Assessment: 2 in-class quizzes, 5 problem sets, 2 class presentations, and a final critical review of 2 linked research papers on a special topic to be assigned in class.

Pre-requisites: Calculus and Physical Geology, or equivalent

credit hours: 3

EENS 4910 Independent Studies

Independent Studies

credit hours: 1-3

EENS 4920 Independent Studies

Independent Studies

credit hours: 3

EENS 4950 Environmental Science Capstone

Environmental Science Capstone

credit hours: 3

EENS 6030 Environmental Spatial Analysis

Environmental Spatial Analysis

An introduction to the art and science of mapmaking with the aid of state-of-the-art Geographic Information Systems (GIS), specifically Environmental Sciences Research Institute (ESRI), ArcGIS and Golden Software Surfer. An introduction to geodetic models, map projections, geographic coordinate systems, global position systems, geographic information systems, satellite photogrammetry, and database design. Practical skills will be developed through mapping projects designed to illustrate the use of contouring algorithms and other spatial analysis tools.

Pre-requisites: Approval of instructor.

credit hours: 3

EENS 6040 Coastal Marine Geology

Coastal Marine Geology

Geomorphic features of estuarine, coastal, and continental shelf environments: erosional, depositional, and geochemical processes; field and laboratory methods; emphasis on dynamic coastal environments of the northern Gulf of Mexico.

Pre-requisites: EENS 1110/1115, 1120/1125, and CHEM 1070, 1080.

credit hours: 3

EENS 6050 Natural Disasters

Natural Disasters

An examination of the causes and effects of natural disasters, such as earthquakes, volcanic eruptions, landslides, subsidence, coastal erosion, flooding, severe weather (including hurricanes), and meteorite impacts. Also includes a discussion of options available to mitigate disasters.

Pre-requisites: Approval of instructor.

credit hours: 3

EENS 6060 Tectonic Geomorphology

Tectonic Geomorphology

The interplay between tectonic processes and the development and modification of landforms, from scale of earthquake ruptures to mountain building. The course will also include an overview of techniques for analyzing tectonic and geomorphic data, and an introduction to geochronology and thermochronology. Lecture and seminar format; mandatory field trip; optional service learning component.

Pre-requisites: Recommended prior knowledge of structural geology and geomorphology.

credit hours: 3

EENS 6070 Geological Problems

Geological Problems

Topical and timely course, typically in a seminar format in which students lead discussions based on current scientific literature. The topics will be listed on a semester-by-semester basis in the Schedule of Classes.

Pre-requisites: Approval of instructor.

credit hours: 1-3

EENS 6080 Special Topics

Special Topics

Special course taught by Tulane faculty or visiting faculty. The topics will be listed in the Schedule of Classes.

credit hours: 3

EENS 6090 Invertebrate Paleontology

Invertebrate Paleontology

Principles of invertebrate paleontology; a systematic treatment of the fossil invertebrates and their living relatives. Emphasis on functional morphology, ontogeny, and paleoecology. Lectures, laboratory, field trip.

Pre-requisites: EENS 1120 or approval of instructor.

credit hours: 3

EENS 6130 Principles of Paleobiology

Principles of Paleobiology

Selected topics on macroevolutionary theories; phylogeny and the fossil records of metazoans; Major events in the history of life; Patterns of biodiversity through geological time; Taphonomy; Paleoecology.

Pre-requisites: EBIO 1010, EENS 1120/1140, EENS 6090, or approval of instructor.

credit hours: 3

EENS 6140 Igneous Petrology

Igneous Petrology

An in-depth study of the origins of igneous rocks from the standpoint of experimental investigations, thermodynamics, trace elements, radiogenic isotopes, and field investigations. Includes a laboratory.

Pre-requisites: EENS 2120 and approval of instructor.

credit hours: 3

EENS 6160 Construction and Interpretation of 3D Stratigraphy

Construction and Interpretation of 3D Stratigraphy

Study of the geomorphological, sedimentological, and stratigraphic responses of rivers to tectonics, climate, and sea-level changes. Discussion of recent scientific literature on river changes and associated stratigraphic records over time scales of 1 to millions of years. Formerly Fluvial Responses to Allogenic Controls.

Pre-requisites: EENS 3170 or EENS 3270 and approval of instructor.

credit hours: 3

EENS 6170 Geomorphology

Geomorphology

The study of processes leading to landform creation and development in response to climate and

tectonics. Overview of fundamental and applied activities undertaken by geomorphologists.

Pre-requisites: EENS 1110/1115.

Co-requisites: Math 1210

credit hours: 3

EENS 6171 Geomorphology Discussion

Geomorphology Discussion

A discussion section to accompany EENS 3170/6170, Geomorphology.

credit hours: 0

EENS 6190 Marine Geology

Marine Geology

Survey of marine plate boundaries, ocean floor morphology, and paleoceanology and sedimentary history of the ocean basins and their margins.

Pre-requisites: EENS 1110/1130 or 1210.

credit hours: 3

EENS 6210 Global Biogeochemical Cycles

Global Biogeochemical Cycles

An introduction to the global biogeochemical cycles in fresh water, marine, and terrestrial ecosystems. Emphasis will be placed on key environmental issues as they relate to perturbations of these global cycles.

Pre-requisites: CHEM 2410, 2430.

credit hours: 3

EENS 6230 Tectonics

Tectonics

Tectonics encompasses the processes of large-scale deformation and the formation of structures that define, or are associated with, Earth's tectonic plate boundaries. The course will include the historical development and testing of plate tectonic hypotheses, as well as a detailed overview of plate tectonics as a current unifying theory. Lecture format, but will include a limited number of discussions of published papers; field trip component is not graded, but participation is expected.

credit hours: 3

EENS 6240 Advanced Oceanography

Advanced Oceanography

A broad survey of biological, chemical, physical, and geological oceanography with a brief historical overview and consideration of current concepts. There will also be an examination of biogeochemical relationships at macroscales, mesoscales, and microscales in the ocean.

credit hours: 3

EENS 6250 Isotopes in the Environment

Isotopes in the Environment

The use of stable and radioactive isotopes as tools to trace the movement of air, water, and sediments through the atmosphere, hydrosphere, biosphere, and lithosphere.

credit hours: 3

EENS 6260 Paleoclimatology

Paleoclimatology

Understanding past climate change is necessary to effectively predict the future of our planet,

which is currently in a state of rapid transition. The main focus of the course is on the reconstruction and modeling of climates of the Quaternary, the past two million years of Earth's history.

Pre-requisites: Approval of instructor.

credit hours: 3

EENS 6270 Major World River Systems

Major World River Systems

Major rivers are important environmental features on Earth's surface in terms of their impact on humans and their vulnerability to negative impact by human activities. This course will explore natural river and watershed processes and how humans affect and are affected by these processes. Case studies from across the world will be explored.

Pre-requisites: EENS 3170 or approval of instructor.

credit hours: 3

EENS 6270 Major World River Systems

Major World River Systems

Major rivers are important environmental features on Earth's surface in terms of their impact on humans and their vulnerability to negative impact by human activities. This course will explore natural river and watershed processes and how humans affect and are affected by these processes. Case studies from across the world will be explored.

Pre-requisites: EENS 3170 or approval of instructor.

credit hours: 3

EENS 6280 Stable Isotope Geochemistry

Stable Isotope Geochemistry

Students will learn about the distributions, exchange mechanisms, and fractionation factors of light isotopes (H, C, N, O, S) in the environment. Students will learn about measurement techniques and experimental design employing the powerful tool of stable isotope geochemistry and they will participate in an investigatory research project involving measuring isotope ratios.

credit hours: 3

EENS 6290 Sedimentary Geochemistry

Sedimentary Geochemistry

Quantitative aspects of early sediment diagenesis. The topics examined include: sediment deposition, resuspension, bioturbation and accumulation; redox reactions; diffusion and desorption of dissolved species; and organic matter decomposition and storage. These basic concepts will be used to examine early diagenesis in a range of sedimentary environments.

Pre-requisites: EENS 3270 or approval of instructor.

credit hours: 3

EENS 6300 Groundwater Hydrology

Groundwater Hydrology

Occurrence of water in the near-surface environment. Topics include saturated and unsaturated flow in aquifers, aquifer characterization, well hydraulics, and groundwater chemistry.

Pre-requisites: CHEM 1070, 1080, MATH 1210, 1220, or equivalent.

credit hours: 3

EENS 6310 Depositional Mechanics

Depositional Mechanics

This course emphasizes a quantitative description of the mechanics of sediment transport in steady and unsteady flows based on hydrodynamic principles. Aspects of flow and sediment-transport mechanics that are relevant to understanding the construction of landscapes and depositional systems including modes of particle entrainment and motion in turbulent shear flows will be considered. The course includes consideration of the equations of motion for particles in a turbulent flow, entrainment, bedload, and suspended load in addition to the mechanics of bedforms, ripples, and dunes, parameters responsible for channelization, erosion, and deposition of cohesive and non-cohesive sediments, and the mechanics of sediment gravity flows. Finally, quantitative methods relating properties of stratigraphy to paleo-environmental conditions are considered.

credit hours: 3

EENS 6320 Subsurface Geology

Subsurface Geology

Principles of subsurface mapping with emphasis on 3-dimensional seismic reflection data. Utilization of geophysical data to construct subsurface maps. Students gain hands on experience with Seismic Micro-Technology's state-of-the-art software, The Kingdom Suite, in work-station based laboratory sessions. Lectures and laboratory.

Pre-requisites: EENS 3270, 3410, and approval of instructor.

credit hours: 3

EENS 6340 The Earth

The Earth

Earth as seen in the light of solid-earth geophysics: age and origin; seismology and structure of the interior; gravity, geodesy, and the geoid; heat budget; generation of the magnetic field and paleomagnetism; and geophysical constraints on plate tectonics. Lectures.

Pre-requisites: MATH 1210 and 1220, or equivalent, PHYS 1210 and 1220 or 1310 and 1320, and approval of instructor.

credit hours: 3

EENS 6350 Geologic Dating Methods

Geologic Dating Methods

Geologic Dating Methods IN this course the student will explore the development of methods used to date and establish rates of Earth and planetary processes via radiogenic isotopic methods. Students will come away with deeper understanding of age of the Universe, Solar system, and Earth and understand how radiogenic isotopic techniques can be used to study, for example, differentiation of the earth into its major components (crust, mantle, core).

credit hours: 3

EENS 6360 Environmental Geochemistry

Environmental Geochemistry

Quantitative examination of the fundamental processes that control the chemistry of natural waters. Topics will include equilibrium thermodynamics, kinetics, oxidation-reduction reactions, solution and surface complexation (adsorption), chemical weathering and biogeochemical cycling of chemical elements in the environment.

Pre-requisites: CHEM 1070, 1080; MATH 1210, 1220; EENS 2110 or equivalent.

credit hours: 3

EENS 6400 The Scientific Enterprise

The Scientific Enterprise

Scientific research has evolved into a complex activity that requires numerous skills which are typically not captured by traditional curricula. This course covers such topics as science funding, publishing, misconduct, media, and politics, and is specifically intended for (aspiring) graduate students.

credit hours: 3

[**EENS 6410 Structural Geology**](#)

Structural Geology

Principles and mechanics of rock deformation, the evolution of geological structures, and the relations between structures and plate tectonics. Laboratory section focuses on geological problem solving. Field trip to the Southern Appalachian Mountains.

Pre-requisites: EENS 1110/1115, 2110 and approval of instructor.

credit hours: 3

[**EENS 6440 Introduction to Geophysics**](#)

Introduction to Geophysics

The broad aim of the course is to learn geophysical approaches to the study of subsurface structure of Earth, and its implications for Earth processes. Many of the methods we discuss can be used for shallow archaeology or environmental studies, as well as terrestrial planets. This course introduces students to the land, marine, and satellite methods used to map Earth's deep interior, but focuses on the crust and uppermost mantle. Practical work will expose students to geophysical methods used in geotechnical and building work (seismic, electromagnetic or EM), oil and mineral exploration (gravity, seismic, EM, heat flow), environmental assessment and archaeology (gravity, seismic, radar, EM, InSAR), and natural hazard mitigation (satellite, seismic, InSAR).

Pre-requisites: MATH 1220, EENS1110 or equivalents, or instructor approval

credit hours: 3

[**EENS 6510 Micropaleontology**](#)

Micropaleontology

The foraminifera, ostracoda, nannofossils, conodonts and other groups of microfossils. Lectures and laboratory.

Pre-requisites: EENS 6090, EENS 4090 or elementary biology.

credit hours: 3

[**EENS 6550 Shark Paleobiology**](#)

Shark Paleobiology

This course examines the processes and patterns of shark speciation, diversification, macroevolution, and extinction within the framework of developing a problem-based learning activity using shark teeth for a K-12 classroom. Particular emphasis is placed on the systematics and functional morphology of shark teeth.

Pre-requisites: EBIO 1010, EENS 1120/1125, EBIO 3500, EENS 4090, or approval of instructor.

credit hours: 4

[**EENS 6680 Volcanology**](#)

Volcanology

The study of volcanoes including volcanic landforms, eruptive mechanisms, and tectonic

environments.

Pre-requisites: Approval of instructor.

credit hours: 3

EENS 6690 Biochemistry of Estuaries

Biochemistry of Estuaries

Physico-chemical and biological aspects of the zone interfacing fresh water and marine environments. Emphasis will be place on the biogeochemical cycles of this highly dynamic ecosystem. Field trips to estuarine regions along the Gulf Coast.

Pre-requisites: CHEM 2420 and MATH 1220 or 1310.

credit hours: 3

EENS 6800 Air Pollution Fundamentals and Modeling

Air Pollution Fundamentals and Modeling

This course presents fundamental concepts associated with air pollution, its modeling and its control. The course discusses major air pollutants and their effects and provides insight into the meteorological basis for pollutant dispersion. IN a core portion, pollutant transport and dispersion modeling are introduced and students gain hands-on experience conducting their own air dispersion modeling with state-of-the-art software. Finally major types if control devices are discussed with regard to their scientific basis and operating principles.

credit hours: 3

EENS 6820 Soil and Water Pollution

Soil and Water Pollution

An introduction to soil and water pollution, as well as environmental modeling, contaminant fate and transport, and physiocochemical processes that affect contaminant bioavailability.

credit hours: 3

EENS 6840 Solid Earth and Planetary Geophysics

Solid Earth and Planetary Geophysics

The interior structure, composition, and dynamics of Earth and the terrestrial planets can be deduced from a number of different physical, chemical, and thermodynamic observations and models. Topics include: Early bombardment and formation of proto-planetary discs, core formation, Earth's composition and age from radioactivity and thermal considerations, thermal and density structure, geomagnetic dynamo, mantle convection, and plate tectonics, and their absence on other terrestrial planets. Special topics for in-class seminars will explore the methodologies used to determine the internal structure (e.g., seismology, gravity), and the dynamics of systems (e.g., geomagnetism, plate tectonics, the water and carbon cycle).

Assessment: 2 in-class quizzes, 5 problem sets, 2 class presentations, and a final critical review of 2 linked research papers on a special topic to be assigned in class.

Pre-requisites: Calculus and Physical Geology, or equivalent

credit hours: 3

EENS 7030 Seminar in Paleontology and/or Stratigraphy

Seminar in Paleontology and/or Stratigraphy

credit hours: 3

EENS 7040 Seminar in Paleontology and/or Stratigraphy

Seminar in Paleontology and/or Stratigraphy

credit hours: 3

EENS 7100 Seminar in Geology

Seminar in Geology

credit hours: 3

EENS 7150 Advanced Topics in Sedimentary Geology

Advanced Topics in Sedimentary Geology

credit hours: 3

EENS 7160 Carbonate Petrology

Carbonate Petrology

Pre-requistites: EENS 6180, 6200.

credit hours: 3

EENS 7200 Introduction to Theoretical Geochemistry

Introduction to Theoretical Geochemistry

credit hours: 3

EENS 7230 Paleoecology of Marine Invertebrates

Paleoecology of Marine Invertebrates

credit hours: 3

EENS 7240 Studies in Stratigraphic Micropaleontology

Studies in Stratigraphic Micropaleontology

credit hours: 3

EENS 7500 Advanced Field Geology

Advanced Field Geology

credit hours: 3

EENS 7970 Research in Paleontology

Research in Paleontology

credit hours: 1-9

EENS 7990 Research in Geosciences

Research in Geosciences

credit hours: 1-9

EENS 9980 Master's Research

Master's Research

credit hours: 3

EENS 9990 Dissertation Research

Dissertation Research

credit hours: 3

EENS H4910 Independent Studies

Independent Studies

Individual studies in a selected discipline. Open to juniors and seniors in Tulane's Honors Program with approval of the instructor.

Notes: This course can be used to fulfill the capstone requirement of the Geology or Environmental Science Major.

credit hours: 3

EENS H4920 Independent Studies

Independent Studies

Individual studies in a selected discipline. Open to juniors and seniors in Tulane's Honors Program with approval of the instructor.

Notes: This course can be used to fulfill the capstone requirement of the Geology or Environmental Science Major.

credit hours: 3

EENS H4990 Honors Thesis

Honors Thesis

Open to seniors in the Tulane Honors Program. Culminating in a defended thesis based on substantial independent research overseen by a faculty advisor.

credit hours: 3

EENS H5000 Honors Thesis

Honors Thesis

Open to seniors in the Tulane Honors Program. Culminating in a defended thesis based on substantial independent research overseen by a faculty advisor.

credit hours: 3

EBIO 1010 Diversity of Life

Diversity of Life

An introduction to key concepts in ecology and evolutionary biology emphasizing the diversity among individuals, population, species, communities, and ecosystems.

Co-requisites: EBIO 1015.

credit hours: 3

EBIO 1015 Diversity of Life Laboratory

Diversity of Life Laboratory

Laboratory and field exercises designed to augment the lecture material in EBIO 1010.

Co-requisites: EBIO 1010.

credit hours: 1

EBIO 1040 Global Environmental Change

Global Environmental Change

An introduction to the physical and biological processes that regulate the function of the Earth system. The composition, formation, and stabilization of the Earth's atmosphere and ecosystem will be examined, emphasizing biological processes and ecosystem ecology. With an understanding of the historical rates and mechanisms of natural global change, the means by which human activities alter Earth system function at local to global scales will be explored, along with the consequences of and solutions to human-induced global change.

Notes: This course meets the college non-laboratory science requirement, but it cannot count toward any major or minor requirements in Ecology and Evolutionary Biology. Students may receive credit for only one of EBIO 1040, 1050, or 2050.

credit hours: 3

EBIO 1080 Introduction to Plants and Human Affairs

Introduction to Plants and Human Affairs

This course is designed to introduce you to plants and how different plants and plant products have shaped human existence. We will explore plant history, plant domestication, and plant products through lectures, readings, discussion, and field trips. (High School Students Only)
credit hours: 3

EBIO 1230 Diversity in Animal Behavior

Diversity in Animal Behavior

Basic concepts in animal behavior, emphasizing diversity among animals and their behaviors and the ecological and evolutionary influences on those behaviors. Course will include discussion of how behaviors are studied, physiological mechanisms of behaviors, animal diversity, and how animals communicate, find mates, reproduce, care for their young, defend and feed themselves and move within their environment.

Notes: Meets the college non-laboratory science requirement. Does not count toward the requirements for a major or minor in Ecology and Evolutionary Biology.

credit hours: 3

EBIO 1231 Exploring Animal Behavior

Exploring Animal Behavior

The goal of this course is to provide an introduction to animal behavior. The course will begin with an introduction to the application of the scientific method to the study of behavior. Topics that will follow include the ontogeny(development) of behavior, neuronal and hormonal control of behavior, migration, communication, reproductive behavior, mating systems, parental care, and the evolution of social behavior. It will involve both a lecture component as well as a hands-on laboratory component in which students will engage in activities to observe the concepts in action. This class is only open to high school students who are participating in the Tulane Science Scholars Program (TSSP). For students who pass this course with a B or higher and choose to enroll at Tulane University, this course can be applied towards three hours of general elective credit. These credits will not count towards any of the Ecology and Evolutionary Biology Department majors.

credit hours: 3

EBIO 1240 Reptile and Amphibian Diversity

Reptile and Amphibian Diversity

The goal of this course is to provide an introduction to the field of herpetology. Students will 1) become familiar with the diversity of form and function exhibited by living reptiles and amphibians, 2) gain an introductory understanding of the evolutionary histories and relationships of reptiles and amphibians to each other and to other tetrapods, 3) follow the steps of the scientific method to design and carry out experiments to test hypotheses they devise, and 4) gain experience with field and laboratory methods used to study amphibians and reptiles. The class will involve a lecture component and a hands-on laboratory component. This class is only open to high school students participating in the Tulane Science Scholars Program (TSSP). For students who pass this course with a B or higher and choose to enroll at Tulane University, this course can be applied toward three hours of general elective credit. These credits will not count toward any of the Ecology and Evolutionary Biology Department majors.

credit hours: 3

EBIO 2010 Evolution in Human Health and Disease

Evolution in Human Health and Disease

An introduction to the study of infectious and non-infectious human diseases from an

evolutionary perspective.

Pre-requisites: None.

credit hours: 3

EBIO 2020 Theory and Methods in Ecology and Evolutionary Biology

Theory and Methods in Ecology and Evolutionary Biology

EBIO 2020 is an introduction to the fundamental theories and methods in ecology and evolutionary biology for EEBI and ENVB majors. Students will acquire the knowledge and skills needed to succeed in their major through direct, active experiences evaluating and communicating scientific evidence. The course topics are designed to reflect current research interests in the department, such as tropical ecology and behavioral evolution, as well as classic case studies in the discipline. Irrespective of topic, the course emphasizes a practical understanding of the scientific process and focuses on developing the skills needed for upper-level courses in EBIO. The course also provides opportunities for students to become familiar with the research interests of department faculty members, enabling them to identify future research opportunities.

Pre-requisites: EBIO 1010 and EBIO 1015.

credit hours: 3

EBIO 2030 History of Life

History of Life

A multidisciplinary introduction for majors and non-majors to the evolution of life on Earth, from its origin through the Pleistocene. The course will focus on the evolution and ecology of organisms in primitive environments, with special attention given to key taxa and events, such as the transition to land, the origin of angiosperms, the rise and fall of dinosaurs, and the origin and early evolution of reptiles, birds, and mammals. Emphasis will be placed on the reconstruction of ancient environments, using modern ecological and evolutionary principles as a guideline to the nature of early biological communities and ecosystems.

Pre-requisites: None.

credit hours: 3

EBIO 2040 Conservation Biology

Conservation Biology

A consideration of biological diversity and its persistence, threats, human value, conservation efforts, and biological bases. Specific topics include extinction, global change, population viability, habitat loss and degradation, ecosystem management, restoration, agricultural ecosystems, economic and legal considerations, and the human population.

Pre-requisites: EBIO 1010, EBIO 1015.

Co-requisites: or Optional: EBIO 2890 (1) Service Learning for a minimum of 40 hours.

credit hours: 3

EBIO 2050 Global Change Biology

Global Change Biology

This course explores the biological basis of environmental issues and the changes occurring at a global scale, divided approximately into halves. The first half will provide a strong foundation in the interactions among biological and physical systems. The second half will be devoted to specific issues including global climate change, atmospheric pollution, community stability, habitat fragmentation, and loss of biodiversity. Changes that have occurred over geological time will be compared with changes in the modern industrial era.

Notes: Students may receive credit for only one EBIO 1040, 1050, or 2050.

Pre-requisites: EBIO 1010, EBIO 1015.

credit hours: 3

EBIO 2060 Case Studies in Environmental Science

Case Studies in Environmental Science

This course uses case studies to introduce students to interdisciplinary aspects of environmental issues. Emphasis is placed on environmental topics along the Gulf Coast region; past topics have included wetland loss, mercury contamination, and hypoxia events in Louisiana coastal waters.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 3

EBIO 2070 Molecular and Evolutionary Genetics

Molecular and Evolutionary Genetics

This course will introduce students to fundamental principles concerning the molecular nature of DNA and chromosomes; the molecular processes of replication, transcription, translation, and mutation/repair; the transmission of genetic traits (Mendelian and non-Mendelian modes); and the application of genetic analysis to population and evolutionary biology. EBIO 2070 includes a required, no credit recitation (EBIO 2071). Students may not earn credit for both EBIO 2070/2071 and CELL 2050.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

Co-requisites: EBIO 2071

credit hours: 4

EBIO 2100 Introduction to Marine Biology

Introduction to Marine Biology

A systematic treatment of the organisms and habitat in the marine environment.

Pre-requisites: EBIO 1010, 1015.

credit hours: 3

EBIO 2110 Tropical Biology

Tropical Biology

Introduction to ecological, evolutionary, and organismal studies of living organisms in the neotropics.

Pre-requisites: none.

credit hours: 3

EBIO 2120 Climate Change, Biodiversity, and Tropical Forests

Climate Change, Biodiversity, and Tropical Forests

This course is offered as part of the Stone Center for Latin American Studies' Summer in Costa Rica Program. Students may not register on-line for this course; they must register directly with the Stone Center Summer Program office. The course will introduce students to the structure and ecology of tropical forests. Students will be expected to integrate what they learn about the real social and economic causes of deforestation and grass roots efforts to revert it with the social, political, economic and biological logic of world climate change agreements and disagreements.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 3

EBIO 2130 Introduction to Animal Behavior

Introduction to Animal Behavior

The goal of this course is to provide an introduction for majors and non-majors to the field of animal behavior using an evolutionary approach. The course will begin with an introduction to the application of the scientific method to the study of behavior (levels of analysis, hypothesis testing and Darwinian theory). Topics that will follow include the ontogeny (development) of behavior, neuronal and hormonal control of behavior, foraging and anti-predator behavior, habitat selection, migration, communication, reproductive behavior, mating systems, parental care, the evolution of social behavior, and the evolution of human behavior. The course emphasizes a practical understanding of animal behavior and will focus on developing the skills needed for upper-level behavior courses in EBIO.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 3

EBIO 2210 Insect Biology

Insect Biology

This course is an introduction to the evolution, ecology and conservation of insects. The course will focus heavily on interactions between humans and insects, both historically and in modern times. A goal of the course is that you will develop the foundation and tools you need to continue learning about the importance of insects, their impacts on human society and/or other environmental issues of importance to you.

Notes: There is an optional tier 1 service-learning component of the class which involves GPS mapping of fire ant colonies in public spaces (Audubon Park, City Park, schoolyards) and an educational outreach presentation for K-5 students about invasive insect species.

Pre-requisites: None.

credit hours: 3

EBIO 2230 Oceanography

Oceanography

A broad survey of chemical, physical, and geological oceanography with a brief historical overview and a consideration of current concepts.

credit hours: 3

EBIO 2240 Oceans and Human Health

Oceans and Human Health

An overview of the relationship and interconnectivity of impacts and well-being between humans and oceans/coasts.

Notes: For majors and non-majors alike.

Pre-requisites: CELL 1010, EBIO 1010/1015, EBIO 1040, EENS 1300/1305, or SPHU 1020

credit hours: 3

EBIO 2250 Vertebrate Biology

Vertebrate Biology

An introduction to vertebrate natural history, including evolution, systematics, zoogeography, population dynamics, behavior, ecology, conservation, and extinction.

Pre-requisites: EBIO 1010, EBIO 1015.

credit hours: 3

EBIO 2330 Natural History of Louisiana

Natural History of Louisiana

A survey of terrestrial and aquatic ecosystems of southern Louisiana. Lectures cover the ecology of regional plant and animal communities, with special emphasis on environmental issues such as invasive species, hurricane disturbance, conservation and management. The geology, geography, history, and culture that contribute to the formation and maintenance of each ecosystem will also be examined, from barrier islands to upland forests.

Pre-requisites: None.

credit hours: 3

EBIO 2335 Natural History of Louisiana Laboratory

Natural History of Louisiana Laboratory

The Natural History of Louisiana Laboratory introduces students to diverse biological communities of southern and central Louisiana, from barrier islands to upland forests. Field trips focus on the ecology of regional flora and fauna and provide opportunities to observe and evaluate the impacts of invasive species, hurricane disturbance, and restoration projects. Students will practice identification skills, maintain a field journal, and participate in local research projects.

Co-requisites: EBIO 2330.

credit hours: 1

EBIO 2600 Natural Resource Conservation:Theory and Practice

Natural Resource Conservation:Theory and Practice

This course examines the theory and practice of natural resource preservation in the United States, and the agencies and organizations involved in this endeavor.

Notes: Students may not apply this course and EBIO 3600 toward the course requirements for the EE Biology major.

Pre-requisites: EBIO 1010 and EBIO 1015.

Co-requisites: EBIO 2890 Service Learning.

credit hours: 3

EBIO 2890 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of a three-credit corequisite course.

Pre-requisites: Approval of department.

credit hours: 1

EBIO 3040 General Ecology

General Ecology

A survey of the patterns and mechanisms of interaction among all organisms and their environments, including examples of human impacts on the biosphere.

Pre-requisites: EBIO 1010 and EBIO 1015 or EBIO 2020 or Instructor Approval.

Co-requisites: EBIO 3045 (required only for EE Biology majors and minors).

credit hours: 3

EBIO 3045 General Ecology Laboratory

General Ecology Laboratory

Quantitative laboratory and field exercises designed to augment the lecture material. Includes data collection, sampling, experimentation, statistical hypothesis testing, modeling, discussion of research results, and writing up of results in the form of three scientific papers.

Pre-requisites: EBIO 2020.

Co-requisites: EBIO 3040.

credit hours: 1

EBIO 3080 Processes of Evolution

Processes of Evolution

Patterns and processes in the evolution of species and populations, including discussions of natural selection, gene flow, genetic drift, adaptation, speciation, origins of evolutionary novelty, and selected trends in the fossil record.

Pre-requisites: EBIO 1010, EBIO 1015, EBIO 2070, EBIO 2071, CELL 1010.

credit hours: 3

EBIO 3116 Fundamentals of Tropical Ecology

Fundamentals of Tropical Ecology

Pre-requisites: EBIO 1010, EBIO 1015, CELL1010.

credit hours: 3

EBIO 3117 Field Research in Tropical Biology

Field Research in Tropical Biology

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 3

EBIO 3126 South African Ecosystems and Diversity

South African Ecosystems and Diversity

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 3

EBIO 3127 Field Research in Savanna Ecology

Field Research in Savanna Ecology

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 3

EBIO 3150 Introduction to Geographic Information Systems

Introduction to Geographic Information Systems

This course is designed to give students a general understanding of geographic information systems (GIS) and the Environmental Systems Research Institute (ESRI) ArcGIS software. The approach taken is detailed instruction in utilizing ArcGIS to solve problems in the earth and environmental sciences. (SAME AS EBIO 6150, EENS 3150, EENS 6150,)

Co-requisites: EBIO 3151

credit hours: 3

EBIO 3151 Introduction to Geographic Information Systems Laboratory

Introduction to Geographic Information Systems Laboratory

Co-requisites: EBIO 3150

credit hours: 0

EBIO 3180 Plants and Human Affairs

Plants and Human Affairs

Since ancient times, people have relied on plants for food, clothing, shelter, medicines, and more. This course investigates some of the ways in which plants support and shape human life.

Topics include: early ideas about plants and the origin of plant lore; plant domestication and the rise of agriculture; plant products in commercial economies; cultural uses of plants; plants and the future of civilization.

Pre-requisites: None.

credit hours: 3

EBIO 3185 Plants and Human Affairs Laboratory

Plants and Human Affairs Laboratory

Laboratory course to accompany EBIO 3180. A survey of plant products and their sources, emphasizing the structure, chemistry, and diversity of economic plants.

Co-requisites: EBIO 3180.

credit hours: 1

EBIO 3190 Darwin and Darwinism

Darwin and Darwinism

A consideration of Charles Darwin's theory of Natural Selection, including the history of evolutionary thought before Darwin's time, the circumstances surrounding Darwin's research, and the effect of Darwin's ideas on the development of contemporary biology. Readings, discussions, and written assignments.

Notes: Satisfies the LAS writing requirement.

Pre-requisites: Approval of instructor.

credit hours: 4

EBIO 3290 Behavioral Ecology

Behavioral Ecology

This course addresses the ecological and evolutionary causes and consequences of animal behavior, using both proximate and ultimate approaches. Topics include sociality, mating systems, sexual selection, animal movement, signals, behavior and conservation, and cognition.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 3

EBIO 3320 Microbial Diversity and Ecology

Microbial Diversity and Ecology

A survey of micro-organisms and their roles in and relationships within their respective ecosystems. (Same as EBIO 6320)

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010

credit hours: 3

EBIO 3330 Human Physiology

Human Physiology

A discussion of the functional morphology and physiology of the human body from the molecular to the whole organism level.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 3

EBIO 3335 Mammalian Anatomy and Histology Laboratory

Mammalian Anatomy and Histology Laboratory

A detailed laboratory examination of the histological and anatomical structure of the principal tissues, organs and organ systems of mammals.

credit hours: 1

EBIO 3500 Biology of Sharks and Their Relatives

Biology of Sharks and Their Relatives

Biology of Sharks and their Relatives is a detailed study of the evolution, ecology, morphology, functional anatomy, physiology, and conservation of the cartilaginous fishes.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 3

EBIO 3550 Shark Paleobiology

Shark Paleobiology

This course examines the processes and patterns of shark speciation, diversification, macroevolution, and extinction within the framework of developing a problem-based learning activity using shark teeth for a K-12 classroom. Particular emphasis is placed on the systematics and functional morphology of shark teeth.

Notes: (Same as EBIO 6550, EENS 3550 and EENS 6550)

Pre-requisites: EBIO 1010, EENS 1120/1125, EBIO 3500, EENS 4090, or approval of instructor.

credit hours: 3

EBIO 3580 Urban Ecology

Urban Ecology

Urban Ecology is the study of cities, including human inhabitants, as functioning ecosystems, supporting a complex web of life. In this course students will learn how basic ecological principles can be applied to the study of urban ecosystems and the effects of cities and urbanization on regional and global environments. Through a combination of lectures, readings and discussions, site visits and service learning, this course will provide an overview of interactions, at multiple scales, between the built environment and the natural environment with particular focus on New Orleans and the Gulf coast region.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 3

EBIO 3590 Plant Biology and Adaptation

Plant Biology and Adaptation

An introduction to the biology of plants, with an emphasis on the aspects of physiology, anatomy, morphology, and ecology that have resulted in their successful adaptation and diversification.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 4

EBIO 3680 Comparative Animal Behavior

Comparative Animal Behavior

A lecture course to introduce the types of questions asked by animal behaviorists, theoretical disciplines posing these questions, and recent research in behavior as related to the environment, social behavior, and reproduction.

Notes: Designed for PSYC and EEB majors.

Pre-requisites: EBIO 1010 or PSYC 1000 or 1010.

credit hours: 3

EBIO 3690 Experimental Animal Behavior

Experimental Animal Behavior

This course provides students the opportunity to design, implement, write-up, and present an independent research project related to animal behavior. Research will be conducted on live

animals at the Audubon Zoo or Audubon Park. The course will emphasize general principles of literature review and synthesis; experimental design; the collection; organization and analysis of data; and written and oral presentation of results. The course consists of 3 hours of laboratory per week (at the park or zoo) and 2 hours of seminar per week (on campus). This course fulfills the Newcomb-Tulane intensive writing requirement. This course serves as an elective for the SISE minor and fulfills the upper tier Service Learning Requirement.

Pre-requisites: EBIO 2020, Junior or Senior Standing or instructor approval. EBIO 3040 (General Ecology), EBIO 3080 (Processes of Evolution), EB

credit hours: 4

EBIO 3700 Evolution and Psychology

Evolution and Psychology

Lecture course exploring human behavior and cognition from an evolutionary perspective. Topics include evolutionary mechanisms, history of evolution in psychology and the adaptive nature of sensory processes, language, social behaviors, reproduction and psychopathology.

Pre-requisites: PSYC 1000, H1010 or 1020 or EBIO 1010.

credit hours: 3

EBIO 3710 Historical Ecology of Amazonia

Historical Ecology of Amazonia

Interactions between local peoples and Amazonian landscapes from prehistory to the present. Amazonian landscapes as an analytic unit will be examined from the interdisciplinary perspective of historical ecology. Changes and development of forests and savannas since the arrival of human beings. Historical, ecological, cultural forces involved in biological and edaphic diversity in modern forests. Long-term effects of prehistoric and historic human occupations and manipulation of landscapes. Implications for conservation and development.

credit hours: 3

EBIO 3780 Tropical Field Biology and Conservation

Tropical Field Biology and Conservation

This study abroad course deepens student's theoretical, factual, and hands-on understanding of biological research and conservation in the tropics.

Pre-requisites: EBIO 2020 or approval of instructor

credit hours: 3

EBIO 3880 Writing in Ecology and Evolutionary Biology

Writing in Ecology and Evolutionary Biology

Course to be attached to regular courses that incorporate a writing component within the regular course. Course added to the schedule as a regular course.

credit hours: 0

EBIO 3881 Writing in Ecology and Evolutionary Biology

Writing in Ecology and Evolutionary Biology

Course would be attached to regular courses that do not include a writing component, and the writing course would be an add-on to the regular course. Students register on the Independent Study Form.

credit hours: 1

EBIO 3890 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of a three-credit corequisite course.

Pre-requisites: Approval of department.

credit hours: 0

EBIO 4030 Field Botany with Lab

Field Botany with Lab

A plant identification course focusing on terrestrial and aquatic flora of Louisiana. Lab field trips include visits to a variety of local ecosystems from coastal wetlands to upland forests. Lectures cover botany, taxonomy, and the ecological and evolutionary processes that structure plant communities, with special emphasis on how these topics apply to Louisiana ecosystems.

Pre-requisites: EBIO 1010, EBIO1015 and EBIO 2020.

credit hours: 4

EBIO 4050 Ecosystem Ecology

Ecosystem Ecology

An in depth examination of ecosystem structure and function. Emphasis will be placed on processes and how individual organisms affect processes. Human impacts on ecosystem structure and function will be considered.

Pre-requisites: EBIO 3040, CHEM 2410 and approval of instructor.

credit hours: 3

EBIO 4060 Stream Ecology

Stream Ecology

Ecology of freshwater stream environments, including physical forces influencing water flow, sediment and solute geochemistry, and composition and interactions of stream biota.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 4

EBIO 4080 Biostatistics and Experimental Design

Biostatistics and Experimental Design

This course will teach students how to interpret statistical data in an evolutionary and ecological context. Special emphasis will be placed on understanding the nature of ecological field experiments, and experimental design. In addition, issues regarding how ecological and evolutionary analyses are perceived in the public media will be discussed. We will cover statistical methods for dealing with such problems (regression, correlation, ANOVA, etc.), and also read papers in ecological and evolutionary journals that highlight statistical issues. The class is designed for students who have not had prior experience with statistics.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 3

EBIO 4090 Invertebrate Paleontology

Invertebrate Paleontology

Principles of invertebrate paleontology; a systematic treatment of the fossil invertebrates and their living relatives. Emphasis on functional morphology, ontogeny, and paleoecology. Lectures, laboratory, field trip.

Pre-requisites: EENS 1120 or approval of instructor.

credit hours: 4

EBIO 4110 Tropical Ecology

Tropical Ecology

Advanced course focusing on terrestrial ecology covering all tropical ecosystems with an emphasis on forests. Ecological topics will be addressed at population, community, and ecosystem levels with an organismal treatment of plants, insects, birds, reptiles, fish, mammals, microbes (fungi and bacteria), and other model organisms.

Pre-requisites: EBIO 3040 or approval of instructor.

credit hours: 3

EBIO 4170 Speciation and Macroevolution

Speciation and Macroevolution

This course will be an introduction to the primary concepts involved in macroevolution, which refers to evolutionary processes occurring at the species level and higher.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 3

EBIO 4200 Ornithology

Ornithology

An exploration of the biology of birds emphasizing their origin, evolution, diversity, zoogeography, functional morphology, behavior, ecology, and conservation. Weekly laboratories and field trips with occasional weekend field trips.

Notes: Students must provide own binoculars.

Pre-requisites: EBIO 1010 and EBIO 1015

credit hours: 4

EBIO 4210 Vertebrate Morphology

Vertebrate Morphology

Comparative morphology, evolution, and bionomics of representative vertebrates. Lectures supplemented by weekly labs.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 4

EBIO 4220 Advanced Oceanography

Advanced Oceanography

A broad survey of biological, chemical, physical, and geological oceanography with a brief historical overview and consideration of current concepts. There will also be an examination of biogeochemical relationships at macroscales, mesoscales, and microscales in the ocean.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 3

EBIO 4230 Molecular Evolution and Ecology

Molecular Evolution and Ecology

Molecular ecology employs principles of population genetics and phylogenetics to answer questions about organismal diversity, population dynamics, community assembly and macroecology. Having a foundation in molecular evolution and genomics allows for broad topical applications, including the study of infectious diseases, conservation of endangered species, organismal responses to global environmental change, and the evolutionary origins of biological diversity. Students will first learn the principles of molecular evolution, after which they will be introduced to the core techniques used to generate molecular data. Students will learn how molecular data can be developed and analyzed to address questions in ecology and

evolutionary biology. It is strongly recommended that students also have taken CELL 2050, EBIO 3080, and EBIO 3040 or have an understanding of genetics, organismal evolution and ecological principles. This class consists of 3 lectures per week supplemented with a weekly lab.

Pre-requisites: EBIO 2020 and CELL 1010.

credit hours: 4 in pro

EBIO 4240 Host-Parasite Systems

Host-Parasite Systems

Study and discussion of the ecology and evolution of host-parasite systems emphasizing patterns and processes.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 3

EBIO 4250 Biology of Marine Invertebrates

Biology of Marine Invertebrates

Biology, taxonomy and distribution of the invertebrates with emphasis on the local fauna. Lectures, laboratories, and field trips.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 4

EBIO 4270 Population Ecology

Population Ecology

Principles of population dynamics in space and time, population regulation, and population interactions as determined from an integrated study of plants and animals, followed by exploration of the applicability of these principles to an understanding of the contemporary growth and control of the human population.

Pre-requisites: EBIO 3040 or approval of instructor.

credit hours: 3

EBIO 4271 R Programming for Population Ecology

R Programming for Population Ecology

In this course, students will learn the basics of the R programming language and complete computer exercises relevant to the material covered in Population Ecology. The course gives students hands on experience of the workings of simple population models. Students enrolled in Population Ecology (EBIO 4270/6270) are strongly encouraged to enroll.

Pre-requisites: EBIO 4270 or 6270

credit hours: 1

EBIO 4280 Ichthyology

Ichthyology

Biology of fish-like vertebrates, including taxonomy, evolution, anatomy, physiology, and biogeography.

credit hours: 4

EBIO 4300 Biology of Amphibians and Reptiles

Biology of Amphibians and Reptiles

This course will provide an introduction to herpetology, the study of reptiles and amphibians. Topics covered will include the evolutionary history, systematics, physiology, ecology, life history, behavior and conservation of amphibians and reptiles. The course consists of two lectures and a lab or field trip each week. Occasional weekend field trips may also be

scheduled.

Pre-requisites: EBIO 1010/1015 Diversity of Life/Lab". General Ecology (EBIO 3040) and Processes of Evolution (EBIO 3080) are recommended. "

credit hours: 4

EBIO 4310 Plant Systematics

Plant Systematics

A review of the structure and evolution of land plants and a survey of the major families of flowering plants. Laboratory emphasis on structural terminology and plant identification.

Notes: Field trips required.

Pre-requisites: None.

credit hours: 4

EBIO 4350 Speciation and Macroevolution

Speciation and Macroevolution

This course will be an introduction to the primary concepts involved in macroevolution, which refers to evolutionary processes occurring at the species level and higher.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 3

EBIO 4360 Wetlands Ecology

Wetlands Ecology

This course will introduce students to the occurrence, morphology, hydrology, soils, ecology and regulation of wetlands.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 3

EBIO 4430 Entomology

Entomology

In this course we will study the organismal, ecological, and evolutionary biology of insects, while surveying recent literature. In addition to learning about insects as organisms and as integral parts of our ecosystem, we will study the scientific process. This course will discuss how scientists come to reach understanding about nature in general, using insects as our model.

Insect collection required.

Notes: Lectures supplemented by weekly labs. There is an optional second tier service learning component to the class that is aimed at helping you share your knowledge of insects with schoolchildren.

Pre-requisites: EBIO 1010, EBIO 1015, CELL 1010.

credit hours: 4

EBIO 4460 Biodiversity and Environmental Informatics

Biodiversity and Environmental Informatics

This upper-level course explores theory and practice in biodiversity informatics, an emerging field of cyber-enabled discovery and innovation. Topics to be discussed include natural history collection databases and networks, data mining, morphological databases and ontology, digital libraries, phyloinformatics, cybertaxonomy, Georeferencing methods and algorithms, GIS and predictive niche modeling.

Pre-requisites: CELL 2050 and EBIO 3080.

Co-requisites: A computer laboratory is a required corequisite.

credit hours: 3

EBIO 4560 Internship Studies

Internship Studies

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing. Registration is completed in the academic department sponsoring the internship on BANNER.

Notes: A maximum of six credits may be earned in one or two courses.

Pre-requisites: Approval of department.

credit hours: 1-3

EBIO 4660 Topics in Biology

Topics in Biology

Courses offered for undergraduate students by visiting professors and permanent faculty.

Notes: Consult department for specific description.

credit hours: 3

EBIO 4670 Topics in Marine Science

Topics in Marine Science

Reserved for courses offered by LUMCON on a temporary basis or for courses taken at other marine field stations. EBIO 4680/6680 - Topics in Field Biology would be reserved for summer field courses taken at non-marine biological field stations.

Notes: This course counts as a lab/field elective in either EEB major; a maximum of two courses from LUMCON may count toward electives in the EEB majors.

Pre-requisites: EBIO 1010, EBIO 1015 and CELL 1010

credit hours: 1

EBIO 4671 Coral Reef Ecology

Coral Reef Ecology

An introductory, interdisciplinary course in the ecology of coral reef ecosystems, with an emphasis on ecological and evolutionary processes. Aspects of physical oceanography, chemical ecology, and geology will be included.

Notes: This course counts as a lab/field elective in either EEB major; a maximum of two courses from LUMCON may count toward electives in the EEB majors.

Pre-requisites: EBIO 1010, EBIO 1015 and CELL 1010

credit hours: 3

EBIO 4672 Marine Field Ecology

Marine Field Ecology

Relationships of marine and estuarine organisms to environmental factors; interactions among organisms; ecological processes of energy and materials flow; field studies of communities and ecosystems of the Louisiana coastal zone.

Notes: This course counts as a lab/field elective in either EEB major; a maximum of two courses from LUMCON may count toward electives in the EEB majors.

Pre-requisites: EBIO 1010, EBIO 1015 and CELL 1010

credit hours: 4

EBIO 4673 Marine Fish Ecology

Marine Fish Ecology

This course will explore the ecology of coastal marine fishes emphasizing aspects of how fish

utilize coastal habitats and how environmental factors influence that distribution, movement, growth, reproduction, abundance and interspecific interactions of fishes, especially in early life history stages.

Notes: This course counts as a lab/field elective in either EEB major; a maximum of two courses from LUMCON may count toward electives in the EEB majors.

Pre-requisites: EBIO 1010, EBIO 1015 and CELL 1010

credit hours: 3

EBIO 4674 Marine Invertebrate Ecology

Marine Invertebrate Ecology

In-depth study of the interaction of marine and estuarine invertebrates with their environment. Emphasis will be placed on understanding the functional role of invertebrates and how the environment shapes morphology, physiology and behavior.

Notes: This course counts as a lab/field elective in either EEB major; a maximum of two courses from LUMCON may count toward electives in the EEB majors.

Pre-requisites: EBIO 1010, EBIO 1015 and CELL 1010

credit hours: 3

EBIO 4676 Wetland Vegetation

Wetland Vegetation

Identification, taxonomy and distribution of wetland plants. Plant adaptations, vegetation analysis methods, marsh types, community processes and coastal wetland restoration will also be discussed.

Notes: This course counts as a lab/field elective in either EEB major; a maximum of two courses from LUMCON may count toward electives in the EEB majors.

Pre-requisites: EBIO 1010, EBIO 1015 and CELL 1010

credit hours: 3

EBIO 4680 Topics in Field Biology

Topics in Field Biology

Field courses or directed research study at biological field stations by arrangement.

Notes: EBIO 4670/6670- Topics in n Marine Science would be reserved for summer field courses taken at other marine field stations. This course counts as a lab/field elective in either EEB major; a maximum of two courses from LUMCON may count toward electives in the EEB majors.

Pre-requisites: EBIO 1010, EBIO 1015 and CELL 1010

credit hours: 3

EBIO 4700 Seminar in Evolution of Reproductive Strategies

Seminar in Evolution of Reproductive Strategies

Discussion of the evolution and ecology of reproductive strategies. Topics include costs and benefits of sexual reproduction, sexual selection, sperm competition and mating systems.

Pre-requisites: EBIO 3680 or PSYC 3680, and approval of instructor.

credit hours: 3

EBIO 4890 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of a three-credit corequisite course.

Pre-requisites: Approval of department.

credit hours: 0

EBIO 4910 Independent Studies

Independent Studies

Laboratory or library research under direction of a faculty member.

credit hours: 1-3

EBIO 4920 Independent Studies

Independent Studies

Laboratory or library research under direction of a faculty member.

credit hours: 3

EBIO 4930 Capstone Independent Study

Capstone Independent Study

A senior capstone experience for students majoring in Environmental Science-Ecology and Evolutionary Biology Track and for departmental majors unable to complete EBIO 4970/4980 due to extenuating circumstances. Under faculty supervision, students select a topic in ecology and evolutionary biology, write an expository paper on that topic and give an oral presentation of their findings. Students also attend departmental research seminars and meet to discuss contemporary issues in ecology and evolutionary biology.

Pre-requisites: EBIO 3040/3045, 3080, senior standing and approval of the instructor.

credit hours: 3

EBIO 4950 Special Projects in Biology

Special Projects in Biology

Individual studies in a selected field. Open to qualified juniors and seniors with approval of instructor and advisor.

credit hours: 3

EBIO 4960 Special Projects in Biology

Special Projects in Biology

Individual studies in a selected field. Open to qualified juniors and seniors with approval of instructor and advisor.

credit hours: 1-3

EBIO 5970 Research Seminars and Presentation (Capstone)

Research Seminars and Presentation (Capstone)

Enrollment in EBIO 5970 requires a pre-requisite or co-requisite of an approved research experience involving field, laboratory, or literature research in ecology and evolutionary biology during the junior or senior year.

Notes: Completion of EBIO 5970, coupled with an approved research experience, satisfies the capstone requirement in the major. Class Type: Students attend and discuss departmental seminars following preliminary study of seminar topics.

Pre-requisites: Senior standing, major in EEBI, ENVB, or ENSB and approval of the instructor

credit hours: 1

EBIO 5971 Research Seminars and Presentation (Capstone)

Research Seminars and Presentation (Capstone)

Enrollment in EBIO 5970 requires a pre-requisite or co-requisite of an approved research experience involving field, laboratory, or literature research in ecology and evolutionary biology

during the junior or senior year.

Notes: Completion of EBIO 5970, coupled with an approved research experience, satisfies the capstone requirement in the major. Class Type: Students attend and discuss departmental seminars following preliminary study of seminar topics.

Pre-requisites: Senior standing, major in EEBl, ENVB, or ENSB and approval of the instructor
credit hours: 1

EBIO 6030 Field Botany with Lab

Field Botany with Lab

A plant identification course focusing on terrestrial and aquatic flora of Louisiana. Lab field trips include visits to a variety of local ecosystems from coastal wetlands to upland forests. Lectures cover botany, taxonomy, and the ecological and evolutionary processes that structure plant communities, with special emphasis on how these topics apply to Louisiana ecosystems.

Pre-requisites: EBIO 1010, EBIO1015 and EBIO 2020.

credit hours: 4

EBIO 6040 General Ecology

General Ecology

A survey of the patterns and mechanisms of interaction among all organisms and their environments, including examples of human impacts on the biosphere. Lectures plus two field trips.

credit hours: 3

EBIO 6050 Ecosystem Ecology

Ecosystem Ecology

An in-depth examination of ecosystem structure and function. Emphasis will be placed on processes and how individual organisms affect processes. Human impacts on ecosystem structure and function will be considered.

Pre-requisites: EBIO 3040, CHEM 2410 and approval of instructor.

credit hours: 3

EBIO 6060 Stream Ecology

Stream Ecology

Ecology of freshwater stream environments, including physical forces influencing water flow, sediment and solute geochemistry, and composition and interactions of stream biota. Class Hours: Lectures supplemented by weekly labs, some day field trips, and one weekend field trip.

credit hours: 4

EBIO 6080 Biostat and Experimental Design

Biostat and Experimental Design

This course will teach students how to interpret statistical data in an evolutionary and ecological context. Special emphasis will be placed on understanding the nature of ecological field experiments, and experimental design. In addition, issues regarding how ecological and evolutionary analyses are perceived in the public media will be discussed. We will cover statistical methods for dealing with such problems (regression, correlation, ANOVA, etc.), and also read papers in ecological and evolutionary journals that highlight statistical issues. The class is designed for students who have not had prior experience with statistics.

credit hours: 3

EBIO 6090 Invertebrate Paleontology

Invertebrate Paleontology

Principles of invertebrate paleontology; a systematic treatment of the fossil invertebrates and their living relatives. Emphasis on functional morphology, ontogeny, and paleontology.

Notes: Lectures are supplemented by weekly labs.

Pre-requisites: EENS 1120 or approval of instructor.

credit hours: 3

EBIO 6110 Tropical Ecology

Tropical Ecology

Advanced course focusing on terrestrial ecology covering all tropical ecosystems with an emphasis on Neotropical forests. Ecological topics will be addressed at population, community, and ecosystem levels with an organismal treatment of plants, insects, birds, reptiles, fish, mammals, microbes (fungi and bacteria), and other model organisms.

credit hours: 3

EBIO 6130 Principles of Paleobiology

Principles of Paleobiology

Selected topics on macroevolutionary theories; Phylogeny and the fossil records of metazoans; Major events in the history of life; Patterns of biodiversity through geological time; Taphonomy; Paleoecology.

Pre-requisites: EBIO 1010, EENS 1120/1140, EENS 6090, or approval of instructor.

credit hours: 3

EBIO 6150 Introduction to Geographic Information Systems

Introduction to Geographic Information Systems

This course is designed to give students a general understanding of geographic information systems (GIS) and the Environmental Systems Research Institute (ESRI) ArcGIS software. The approach taken is detailed instruction in utilizing ArcGIS to solve problems in the earth and environmental sciences. (SAME AS EBIO 3150, EENS 3150, EENS 6150,)

Co-requisites: EBIO 6151

credit hours: 3

EBIO 6151 Introduction to Geographic Information Systems Laboratory

Introduction to Geographic Information Systems Laboratory

(Same as EBIO 3151, EENS 3151, EENS 6151)

Co-requisites: EBIO 6150

credit hours: 0

EBIO 6180 Plants and Human Affairs

Plants and Human Affairs

Since ancient times, people have relied on plants for food, clothing, shelter, medicines, and more. This course investigates some of the ways in which plants support and shape human life. Topics include: early ideas about plants and the origin of plant lore; plant domestication and the rise of agriculture; plant products in commercial economies; cultural uses of plants; plants and the future of civilization.

credit hours: 3

EBIO 6190 Darwin and Darwinism

Darwin and Darwinism

A consideration of Charles Darwin's theory of Natural Selection, including the history of

evolutionary thought before Darwin's time, the circumstances surrounding Darwin's research, and the effect of Darwin's ideas on the development of contemporary biology. Readings, discussions, and written assignments.

Notes: Satisfies the LAS writing requirement.

Pre-requisites: Approval of instructor.

credit hours: 4

EBIO 6200 Ornithology

Ornithology

An exploration of the biology of birds emphasizing their origin, evolution, diversity, zoogeography, functional morphology, behavior, ecology, and conservation. Weekly laboratories and field trips with occasional weekend field trips.

Notes: Students must provide own binoculars.

credit hours: 4

EBIO 6210 Vertebrate Morphology

Vertebrate Morphology

Comparative morphology, evolution, and bionomics of representative vertebrates.

credit hours: 4

EBIO 6230 Molecular Evolution and Ecology

Molecular Evolution and Ecology

Molecular ecology employs principles of population genetics and phylogenetics to answer questions about organismal diversity, population dynamics, community assembly and macroecology. Having a foundation in molecular evolution and genomics allows for broad topical applications, including the study of infectious diseases, conservation of endangered species, organismal responses to global environmental change, and the evolutionary origins of biological diversity. Students will first learn the principles of molecular evolution, after which they will be introduced to the core techniques used to generate molecular data. Students will learn how molecular data can be developed and analyzed to address questions in ecology and evolutionary biology. It is strongly recommended that students also have taken CELL 2050, EBIO 3080, and EBIO 3040 or have an understanding of genetics, organismal evolution and ecological principles. This class consists of 3 lectures per week supplemented with a weekly lab. (Same as EBIO 6230)

Pre-requisites: EBIO 2020 and CELL 1010

credit hours: 4

EBIO 6240 Host-Parasite Systems

Host-Parasite Systems

Study and discussion of the ecology and evolution of host-parasite systems emphasizing patterns and processes.

credit hours: 3

EBIO 6250 Biology of Marine Invertebrates

Biology of Marine Invertebrates

Biology, taxonomy and distribution of the invertebrates with emphasis on the local fauna.

credit hours: 4

EBIO 6260 Paleoclimatology

Paleoclimatology

Understanding past climatic variation is necessary to fully comprehend present and model future climate. The focus will be on climate change during the late Quaternary Period, with special emphasis on climate reconstruction methods.

Pre-requisites: Approval of instructor.

credit hours: 3

EBIO 6270 Population Ecology

Population Ecology

Principles of population dynamics in space and time, population regulation, and population interactions as determined from an integrated study of plants and animals, followed by exploration of the applicability of these principles to an understanding of the contemporary growth and control of the human population.

Pre-requisites: EBIO 3040 or approval of instructor.

credit hours: 3

EBIO 6271 R Programming for Population Ecology

R Programming for Population Ecology

In this course, students will learn the basics of the R programming language and complete computer exercises relevant to the material covered in Population Ecology. The course gives students hands on experience of the workings of simple population models. Students enrolled in Population Ecology (EBIO 4270/6270) are strongly encouraged to enroll.

Pre-requisites: EBIO 4270 or 6270

Co-requisites: EBIO 4270 or 6270

credit hours: 1

EBIO 6280 Ichthyology

Ichthyology

Biology of fish-like vertebrates, including taxonomy, evolution, anatomy, physiology, and biogeography. Class Hours: Lectures supplemented by weekly labs, some day field trips, and one weekend field trip.

credit hours: 4

EBIO 6290 Behavioral Ecology

Behavioral Ecology

This course addresses the ecological and evolutionary causes and consequences of animal behavior, using both proximate and ultimate approaches. Topics include sociality, mating systems, sexual selection, animal movement, signals, behavior and conservation, and cognition.

credit hours: 3

EBIO 6300 Biology of Amphibians and Reptiles

Biology of Amphibians and Reptiles

This course will provide an introduction to herpetology, the study of reptiles and amphibians. Topics covered will include the evolutionary history, systematics, physiology, ecology, life history, behavior and conservation of amphibians and reptiles. The course consists of two lectures and a lab or field trip each week. Occasional weekend field trips may also be scheduled.

Pre-requisites: EBIO 1010/1015 Diversity of Life/Lab". General Ecology (EBIO 3040) and Processes of Evolution (EBIO 3080) are recommended. "

credit hours: 4

EBIO 6320 Microbial Diversity and Ecology

Microbial Diversity and Ecology

A survey of micro-organisms and their roles in and relationships within their respective ecosystems. (Same as EBIO 3320)

credit hours: 3

EBIO 6330 Plant-Animal Interactions

Plant-Animal Interactions

Ecological, evolutionary, and applied approaches to the studies of herbivory, ant-plant interactions, pollination, and seed dispersal.

Pre-requisites: EBIO 3040.

credit hours: 3

EBIO 6340 Ecological Analysis

Ecological Analysis

Study of powerful methods for designing ecological studies and analyzing ecological data, assuming a knowledge of basic parametric and nonparametric statistics.

Pre-requisites: EBIO 4080 or PSYC 6110.

credit hours: 3

EBIO 6350 Speciation and Macroevolution

Speciation and Macroevolution

This course will be an introduction to the primary concepts involved in macroevolution, which refers to evolutionary processes occurring at the species level and higher.

credit hours: 3

EBIO 6360 Wetlands Ecology

Wetlands Ecology

This course will introduce students to the occurrence, morphology, hydrology, soils, ecology and regulation of wetlands.

credit hours: 3

EBIO 6370 Aquatic Autotrophs

Aquatic Autotrophs

This course will survey and provide a systematic treatment of the most common autotrophic organisms found in oceanic, coastal, estuarine, and freshwater habitats with particular emphasis on those organisms along the northern Gulf of Mexico.

credit hours: 3

EBIO 6380 Phylogenetics

Phylogenetics

A consideration of biological homology, species definition, problems of character data analysis, and Hennigian cladistics as a means of reconstructing the evolutionary history of life. The implications of phylogenetic hypotheses for biological classification, biogeography, paleontology, comparative ecology, and conservation biology. Seminars, readings, and projects.

Pre-requisites: Approval of instructor.

credit hours: 3

EBIO 6430 Entomology

Entomology

In this course we will study the organismal, ecological, and evolutionary biology of insects, while

surveying recent literature. In addition to learning about insects as organisms and as integral parts of our ecosystem, we will study the scientific process. This course will discuss how scientists come to reach understanding about nature in general, using insects as our model. Insect collection required.

credit hours: 4

EBIO 6460 Biodiversity and Environmental Informatics

Biodiversity and Environmental Informatics

This upper-level course explores theory and practice in biodiversity informatics, an emerging field of cyber-enabled discovery and innovation. Topics to be discussed include natural history collection databases and networks, data mining, morphological databases and ontology, digital libraries, phyloinformatics, cybertaxonomy, Georeferencing methods and algorithms, GIS and predictive niche modeling. A computer laboratory is a required corequisite.

Pre-requisites: CELL 2050 and EBIO 3080.

Co-requisites: A computer laboratory is a required corequisite.

credit hours: 3

EBIO 6500 Biology of Sharks and Their Relatives

Biology of Sharks and Their Relatives

Biology of Sharks and Their Relatives is a detailed study of the evolution, ecology, morphology, functional anatomy, physiology, and conservation of the cartilaginous fishes.

credit hours: 3

EBIO 6550 Shark Paleobiology

Shark Paleobiology

This course examines the processes and patterns of shark speciation, diversification, macroevolution, and extinction within the framework of developing a problem-based learning activity using shark teeth for a K-12 classroom. Particular emphasis is placed on the systematics and functional morphology of shark teeth.

Notes: (Same as EBIO 3550, EENS 3550 and EENS 6550)

Pre-requisites: EBIO 1010, EBIO 1120/1125, EBIO 3500, EENS 4090, or approval of instructor.

credit hours: 4

EBIO 6580 Urban Ecology

Urban Ecology

Urban Ecology is the study of cities, including human inhabitants, as functioning ecosystems, supporting a complex web of life. In this course students will learn how basic ecological principles can be applied to the study of urban ecosystems and the effects of cities and urbanization on regional and global environments. Through a combination of lectures, readings and discussions, site visits and service learning, this course will provide an overview of interactions, at multiple scales, between the built environment and the natural environment with particular focus on New Orleans and the Gulf coast region.

credit hours: 3

EBIO 6590 Plant Biology and Adaptation

Plant Biology and Adaptation

An introduction to the biology of plants, with an emphasis on the aspects of physiology, anatomy, morphology, and ecology that have resulted in their successful adaptation and diversification. Lectures supplemented by weekly labs and occasional field trips.

credit hours: 4

EBIO 6660 Special Topics in Biology

Special Topics in Biology

Notes: Courses offered by visiting professors or permanent faculty. For description, consult department.

credit hours: 3

EBIO 6670 Topics in Marine Science

Topics in Marine Science

Reserved for courses offered by LUMCON on a temporary basis or for courses taken at other marine field stations. EBIO 4680/6680 - Topics in Field Biology would be reserved for summer field courses taken at non-marine biological field stations.

Notes: This course counts as a lab/field elective in either EEB major; a maximum of two courses from LUMCON may count toward electives in the EEB majors.

credit hours: 1-4

EBIO 6671 Coral Reef Ecology

Coral Reef Ecology

An introductory, interdisciplinary course in the ecology of coral reef ecosystems, with an emphasis on ecological and evolutionary processes. Aspects of physical oceanography, chemical ecology, and geology will be included.

Notes: This course counts as a lab/field elective in either EEB major; a maximum of two courses from LUMCON may count toward electives in the majors.

credit hours: 3

EBIO 6672 Marine Field Ecology

Marine Field Ecology

Relationships of marine and estuarine organisms to environmental factors; interactions among organisms; ecological processes of energy and materials flow; field studies of communities and ecosystems of the Louisiana coastal zone.

Notes: This course counts as a lab/field elective in either EEB major; a maximum of two courses from LUMCON may count toward electives in the EEB majors.

credit hours: 4

EBIO 6673 Marine Fish Ecology

Marine Fish Ecology

In-depth study of the interaction of marine and estuarine invertebrates with their environment. Emphasis will be placed on understanding the functional role of invertebrates and how the environment shapes morphology, physiology and behavior.

Notes: This course counts as a lab/field elective in either EEB major; a maximum of two courses from LUMCON may count toward electives in the EEB majors.

credit hours: 3

EBIO 6674 Marine Invertebrate Ecology

Marine Invertebrate Ecology

In-depth study of the interaction of marine and estuarine invertebrates with their environment. Emphasis will be placed on understanding the functional role of invertebrates and how the environment shapes morphology, physiology and behavior.

Notes: This course counts as a lab/field elective in either EEB major; a maximum of two courses

from LUMCON may count toward electives in the EEB majors.

credit hours: 3

EBIO 6676 Wetland Vegetation

Wetland Vegetation

Identification, taxonomy and distribution of wetland plants. Plant adaptations, vegetation analysis methods, marsh types, community processes and coastal wetland restoration will also be discussed. Class will include lecture, labs and field collection of plants.

Notes: This course counts as a lab/field elective in either EEB major; a maximum of two courses from LUMCON may count toward electives in the EEB majors.

credit hours: 3

EBIO 6680 Topics in Field Biology

Topics in Field Biology

Reserved for summer field courses or directed research study taken at non-marine biological field stations by arrangement.

Notes: This course counts as a lab/field elective in either EEB major; a maximum of two courses from LUMCON may count toward electives in the EEB majors.

credit hours: 1-4

EBIO 6690 Experimental Animal Behavior

Experimental Animal Behavior

This course provides students the opportunity to design, implement, write-up, and present an independent research project related to animal behavior. Research will be conducted on live animals at the Audubon Zoo or Audubon Park. The course will emphasize general principles of literature review and synthesis; experimental design; the collection; organization and analysis of data; and written and oral presentation of results. The course consists of 3 hours of laboratory per week (at the park or zoo) and 2 hours of seminar per week (on campus). This course fulfills the Newcomb-Tulane intensive writing requirement.

credit hours: 4

EBIO 6700 Mathematical Modeling in Ecology and Evolution

Mathematical Modeling in Ecology and Evolution

An introductory course in mathematical modeling in biology with emphasis on construction and interpretation of models in ecology. The goals of the course are to provide training in a wide variety of mathematical and computational techniques that are used to describe ecological systems, to learn to construct ecological models and provide instruction in the biological interpretation of mathematical results.

Pre-requisites: MATH 2240 and MATH 4240 or equivalent.

credit hours: 3

EBIO 6710 Historical Ecology of Amazonia

Historical Ecology of Amazonia

Interactions between local peoples and Amazonian landscapes from prehistory to the present. Amazonian landscapes as an analytic unit will be examined from the interdisciplinary perspective of historical ecology. Changes and development of forests and savannas since the arrival of human beings. Historical, ecological, cultural forces involved in biological and edaphic diversity in modern forests. Long-term effects of prehistoric and historic human occupations and manipulation of landscapes. Implications for conservation and development. (Same as ANTH

3710/6710.)

credit hours: 3

EBIO 6810 Journal Review in Ecology and Evolutionary Biology

Journal Review in Ecology and Evolutionary Biology

Discussion of significant new publications in ecology, evolutionary biology, and related fields.

Pre-requisites: Graduate standing or approval of instructor.

credit hours: 1

EBIO 6850 Current Topics in Ecology and Evolutionary Biology

Current Topics in Ecology and Evolutionary Biology

In-depth examination of a selected topic in ecology and evolutionary biology.

Pre-requisites: Graduate standing or approval of instructor.

credit hours: 3

EBIO 6910 Independent Studies

Independent Studies

Advanced independent studies in a selected field of biology.

Pre-requisites: Junior or senior standing and approval of instructor.

credit hours: 1-4

EBIO 6920 Independent Studies

Independent Studies

Advanced independent studies in a selected field of biology.

Pre-requisites: Junior or senior standing and approval of instructor.

credit hours: 1-4

EBIO 7010 Process of Science in E.E. Biology

Process of Science in E.E. Biology

The class presents a thorough review and experimental exposure to the process of funding and disseminating results of scientific research. Students will write and submit fundable grant proposals, give research seminars, participate in the peer review process, and examine job opportunities within and outside academia.

credit hours: 3

EBIO 7150 Special Problems in Environmental Biology

Special Problems in Environmental Biology

Restricted to 5 graduate year students; Directed independent study applying field and laboratory methods to environmental problems.

credit hours: 3

EBIO 7160 Problems in Environmental Biology

Problems in Environmental Biology

Restricted to 5 graduate year students; Directed independent study applying field and laboratory methods to environmental problems.

credit hours: 3

EBIO 7650 Special Topics

Special Topics

Special topics in Ecology and Evolutionary Biology.

credit hours: 3

EBIO 7660 Internships Environmental Biology

Internships Environmental Biology

Restricted to 5 graduate year students: Experimental learning in cooperation with federal, state, municipal or private agencies and industry.

credit hours: 3

EBIO 7670 Internships Environmental Biology

Internships Environmental Biology

Restricted to 5 graduate year students: Experimental learning in cooperation with federal, state, municipal or private agencies and industry.

credit hours: 3

EBIO 9980 Master's Research

Master's Research

credit hours: 3

EBIO 9990 Dissertation Research

Dissertation Research

credit hours: 3

EBIO H1040 Global Environmental Change

Global Environmental Change

An introduction to the physical and biological processes that regulate the function of the Earth system. The composition, formation, and stabilization of the Earth's atmosphere and ecosystem will be examined, emphasizing biological processes and ecosystem ecology. With an understanding of the historical rates and mechanisms of natural global change, the means by which human activities alter Earth system function at local to global scales will be explored, along with the consequences of and solutions to human-induced global change.

Notes: This course meets the college non-laboratory science requirement, but it cannot count toward any major or minor requirements in ecology and evolutionary biology. Students may receive credit for only one of EBIO 1040, 1050, or 2050.

credit hours: 3

EBIO H4990 Honors Thesis

Honors Thesis

For especially qualified juniors and seniors with approval of department and the Honors Committee.

credit hours: 3

EBIO H5000 Honors Thesis

Honors Thesis

For especially qualified juniors and seniors with approval of department and the Honors Committee.

credit hours: 3

ENGP 1410 Statics

Statics

Statics of particles and rigid bodies. Concepts of force, moments, free body diagrams, equilibrium

and friction with engineering applications.

Pre-requisites: PHYS 1310.

credit hours: 3

ENGP 2010 Electric Circuits

Electric Circuits

A fundamental course dealing with electric charge, current, voltage, power, energy, and passive and active circuit elements. Response of linear circuits to steady state and time dependent signals, differential equations, circuit laws, network analysis, frequency response, phasors, and transfer functions.

Pre-requisites: MATH 1220, PHYS 1320.

credit hours: 3

ENGP 2020 Computational Concepts and Applications

Computational Concepts and Applications

This course introduces students to the foundations of algorithm development and programming, the basics of matrix algebra, numerical analysis, and solving ordinary differential equations.

credit hours: 4

ENGP 2310 Product and Experimental Design

Product and Experimental Design

The objective of this course is to introduce students to the design process as they are starting their engineering studies. Through team projects geared toward translating bench research into product development, students will be challenged to begin thinking critically and applying physical fundamentals to complex systems. Weekly lectures will highlight phases of the design process, including problem identification, conceptual design, and early prototyping. Additionally, in the context of product and experimental design, students will gain experience with computer aided design and be provided an introduction to statistics. Course restricted to ENGP and PHYS majors, or by permission of the instructors.

credit hours: 3

ENGP 2420 Engineering Dynamics

Engineering Dynamics

Kinematics and kinetics of particles and rigid bodies. Work-energy and impulse-momentum methods applied to particles and rigid bodies. Mechanical vibrations.

Pre-requisites: MATH 1220 (Calculus II) and ENGP 1410 (Engineering Statics).

credit hours: 3

ENGP 2430 Mechanics of Materials

Mechanics of Materials

Concepts of stress and strain. Generalized Hooke's Law. Mohr's circle. Formulations for axial, shear, bending, torsion, and combined stresses applied to tension members, pinned points, symmetric and unsymmetric beams, and shafts. Euler buckling criteria for columns.

Pre-requisites: ENGP 2410, MATH 1220.

credit hours: 3

ENGP 3120 Materials Science and Engineering

Materials Science and Engineering

The structure and properties of engineering materials are considered. Coverage includes basic atomic and microscopic structure, testing methods, phase relationships, and strengthening

techniques. Emphasis is placed on common industrial materials. Thermodynamics and kinetics aspects of material science are discussed.

Pre-requisites: CHEM 1070, CHEM 1080, PHYS 1310, PHYS 1320, MATH 2210.

credit hours: 3

ENGP 3170 Computational Physics and Engineering

Computational Physics and Engineering

An introduction to the use of computational methods in physics and engineering. Writing computer code and using data visualization techniques to solve experimental and theoretical problems. Data analysis and modeling, Monte Carlo simulations, numerical differentiation and integration, ordinary and partial differential equations, electrostatics, nonlinear dynamics and chaos, fast Fourier transform, noisy signal processing, quantum spectra, thermodynamics.

Pre-requisites: PHYS 2350 and MATH 2210 or 2240.

credit hours: 3

ENGP 3230 Quantum Information Science and Engineering

Quantum Information Science and Engineering

This survey course introduces students to the new world of quantum information, quantum communication, and quantum computing. The course is intended for advanced undergraduates and beginning graduate students in physics, engineering, and mathematics. Topics include: Quantum states, operators, and linear algebra; Bits and qubits; Ensembles and density operators; Unitary transformations; Gates and circuits; Information and entropy; POVM measurement; Multipartite systems; Bell inequality, Bell states, and non-locality; Measures of entanglement; Quantum communication and cryptography; Teleportation; Superdense coding; Quantum noise and error correction; Classical and quantum computational complexity; Quantum algorithms: Deutsch-Jozsa, Grover, Shor; DiVincenzo criteria; Physical realizations of quantum computers: trapped ions, solid state qubits; Quantum optics and quantum internet; Topological quantum computation; Quantum biology.

credit hours: 3

ENGP 3410 Summer Internship I

Summer Internship I

Industrial internship normally taken in the summer following the third year of study. Course work taken in the Spring semester of the third year of study.

credit hours: 3

ENGP 3420 Summer Internship II

Summer Internship II

Industrial internship normally taken in the summer following the third year of study. Course work taken in the Fall semester of the fourth year of study.

credit hours: 3

ENGP 3530 Advanced Laboratory

Advanced Laboratory

Advanced experiments in modern physics and engineering, particularly nuclear physics and engineering, emphasizing research techniques and analysis of data using computers.

Pre-requisites: PHYS 2350 or approval of instructor.

credit hours: 3

ENGP 3600 Nanoscience and Technology

Nanoscience and Technology

Nanoscience and technology is often branded the science of the 21st century. It has been promised that nanotechnology will have similar stimulating effects on the world's economy and society as the industrial-and microelectronics- revolution. Nanoscience is an interdisciplinary effort with the aim to manipulate and control matter at length scales down to single molecules and atoms and thus to create materials and devices with novel properties. With diminishing dimensions material properties are being governed by quantum mechanics. The description and exploitation of quantum phenomena in novel devices is the quintessence of nanophysics. Consequently, the main emphasis of this course is to give an overview of the physics of low dimensional solid state systems. This course is supplementary to courses in solid state physics and surface science but can be taken independently.

Pre-requisites: PHYS 2350.

credit hours: 3

ENGP 3700 Electronic Properties of Materials

Electronic Properties of Materials

Quantum physics, electronics and energy bands in crystals, electronic transport in materials, photoconductivity, Hall effect, quantum Hall effect, superconductors and their applications, magnetic properties of material and their applications, thermal properties of materials and dielectric properties of materials.

Pre-requisites: PHYS 2350/2360 or instructor approval.

credit hours: 3

ENGP 3880 Writing Practicum

Writing Practicum

Notes: Does not count toward Engineering Physics courses or electives for the Engineering Physics major.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

credit hours: 3

ENGP 3910 Special Topics in Engineering Physics

Special Topics in Engineering Physics

Special topics in Engineering Physics depending upon faculty and student interest.

credit hours: 3

ENGP 4310 Team Design Project and Professional Practice I

Team Design Project and Professional Practice I

Design project taken in the fourth year of study with student teams. Advanced treatment of engineering design principles and an introduction to manufacturing processes. Students are presented with a product specification, and they must prepare a preliminary proposal, form a project team and develop a suitable design.

Pre-requisites: ENGP 2020, 2310, or approval of instructor.

credit hours: 3

ENGP 4320 Team Design Project and Professional Practice II

Team Design Project and Professional Practice II

Design project taken in the fourth year of study with student teams. Continuation of ENGP 4310.

Notes: Capstone requirement for majors.

Pre-requisites: ENGP 4310 or approval of instructor.

credit hours: 3

ENGP 4400 Music and Digital Signal Processing

Music and Digital Signal Processing

This course will introduce the student to the breadth and depth of signal processing used in musical applications. The course will cover fundamentals of signal processing and familiarize the student with classic computer music theories as well as state-of-the art topics for sound synthesis, analysis, and composition.

credit hours: 3

ENGP 4410 Music Performance Systems

Music Performance Systems

This course is a HCI (Human Computer Interface)-based course with a concentration in musical applications. The course will be hands-on, writing code, building circuits with conjunction of microcontrollers and sensors.

credit hours: 3

ENGP 4891 Service Learning: ENGP 4320

Service Learning: ENGP 4320

credit hours: 0

ENGP 4910 Independent Studies

Independent Studies

Pre-requistites: Approval of instructor and chair of department.

credit hours: 2

ENGP 4920 Independent Studies

Independent Studies

Pre-requistites: Approval of instructor and chair of department.

credit hours: 3

ENGP H4910 Independent Studies

Independent Studies

Pre-requistites: Approval of instructor and chair of department.

credit hours: 3

ENGP H4920 Independent Studies

Independent Studies

Pre-requistites: Approval of instructor and chair of department.

credit hours: 3

ENGP H4990 Honors Thesis

Honors Thesis

Notes: Open only to candidates for honors degrees with departmental approval.

credit hours: 3

ENGP H5000 Honors Thesis

Honors Thesis

Notes: Open only to candidates for honors degrees with departmental approval.

credit hours: 3

MATH 1110 Probability and Statistics I

Probability and Statistics I

Elementary probability theory with applications; random variables; distributions including a thorough discussion of the binomial, and normal distributions; central limit theorem; histograms; sampling distributions; confidence intervals; tests of hypotheses; linear models; regression and correlation; chi-square test; non-parametric statistics. 1110 is a prerequisite for 1120. These courses do not count toward the Mathematics B.S. requirement in SSE. Students may receive credit for only one of MATH 1110, 1140 or 1230.

Pre-requisites: High school algebra.

credit hours: 3

MATH 1140 Statistics for Business

Statistics for Business

An introductory statistics course for BSM students using MSExcel. Includes confidence intervals and hypothesis tests for one and two populations and introduction to linear regression. Extensive coverage of data collection and analysis as needed to evaluate statistical results and to make good decisions in business. In comparison to Math 1110, the course spends more time on statistical inference problems, less on probability. This course does not count toward the Mathematics B.S. requirement. Students may receive credit for only one of MATH 1110, 1140 or 1230.

Pre-requisites: High school algebra.

credit hours: 4

MATH 1150 Long Calculus

Long Calculus

The material of Calculus 1210 is covered in two semesters, with diversions for topics in algebra, trigonometry, complex numbers as the need for these topics arises. Mathematics 1150 is a prerequisite for 1160. Students finishing the course sequence 1150-1160 may continue with 1220 or any other course having Calculus 1201 as a prerequisite. The combination of 1150 and 1160 may count as one course toward the B.S. degree requirement.

credit hours: 3

MATH 1160 Long Calculus

Long Calculus

The material of Calculus 1210 is covered in two semesters, with diversions for topics in algebra, trigonometry, complex numbers as the need for these topics arises. Mathematics 1150 is a prerequisite for 1160. Students finishing the course sequence 1150-1160 may continue with 1220 or any other course having Calculus 1201 as a prerequisite. The combination of 1150 and 1160 may count as one course toward the B.S. degree requirement.

Pre-requisites: MATH 1150.

credit hours: 3

MATH 1210 Calculus I

Calculus I

Functions and their graphs, limits and continuity, derivatives and applications of derivatives, and introduction to the integral.

Pre-requisites: High school algebra, geometry, and trigonometry.

credit hours: 4

MATH 1220 Calculus II

Calculus II

Integration; exponential, logarithmic, and trigonometric functions; techniques of integration; mean value theorem; Taylor's Theorem and Taylor series; and infinite series.

Pre-requisites: Grade of at least C- in MATH 1160 or 1210.

credit hours: 4

MATH 1230 Statistics for Scientists

Statistics for Scientists

The objective of this course is to provide a practical overview of the statistical methods and models most likely to be encountered by scientists in practical research applications. Students will learn statistical concepts by generating and analyzing stochastic datasets using the Minitab software package. Specific topics that will be covered in this course include discrete and continuous distributions, sampling methods, and descriptive statistics, the Central Limit Theorem and its applications, estimation methods, confidence intervals, hypothesis testing, linear regression, and Analysis of Variance. Students may receive credit for only one of MATH 1110, 1140 or 1230. Only MATH 1230 counts towards the B.S. degree.

Pre-requisites: MATH 1210 or permission of instructor.

credit hours: 3

MATH 1310 Consolidated Calculus

Consolidated Calculus

A combined course in Calculus I and II for students with a background in Calculus I.

Notes: Students receive credit for both this course and 1210 if they receive a B- or higher.

Students may not receive credit for both 1310 and 1220.

Pre-requisites: A score of 3 or higher on the AB or BC Calculus AP test or permission of the mathematics department undergraduate coordinator.

credit hours: 4

MATH 2170 Discrete Mathematics

Discrete Mathematics

An introduction to the concepts and techniques of discrete mathematics including set theory, mathematical induction, graphs, trees, ordered sets, Boolean algebras, and the basic laws of combinatorics.

Pre-requisites: MATH 1220 or 1310.

credit hours: 3

MATH 2210 Calculus III

Calculus III

A basic course in differential and integral calculus of several variables. Vectors in the plane and space. Vector functions, derivatives, arc length, curvature. Functions of several variables: continuity, partial derivatives, chain rule, gradient, optimization, Lagrange multipliers. Double and triple integrals: change of variables, polar coordinates, cylindrical and spherical coordinates, surface area. Vector fields: gradient, curl, divergence, line and surface integrals, Green's, Stokes', and Divergence theorems.

Pre-requisites: MATH 1220 or 1310.

credit hours: 4

MATH 2240 Introduction to Applied Mathematics

Introduction to Applied Mathematics

An introduction to the techniques of applied mathematics. The emphasis will be on the mathematical modeling by differential equations of a variety of applications in the natural sciences. Numerical and graphical techniques for finding both quantitative and qualitative information about solutions will be discussed and implemented on the computer. No programming experience is assumed.

Notes: Students may not receive credit for both 2240 and 4240.

Pre-requisites: MATH 1220 or 1310.

credit hours: 4

MATH 3050 Real Analysis I

Real Analysis I

Introduction to analysis. Real numbers, limits, continuity, uniform continuity, sequences and series, compactness, convergence, Riemann integration. An in-depth treatment of the concepts underlying calculus.

Pre-requisites: MATH 2210.

credit hours: 3

MATH 3070 Introduction to Probability

Introduction to Probability

An introduction to probability theory. Counting methods, conditional probability and independence. Discrete and continuous distributions, expected value, joint distributions and limit theorems. Prepares student for future work in probability and statistics.

Pre-requisites: MATH 2210 or equivalent.

credit hours: 3

MATH 3080 Introduction to Statistical Inference

Introduction to Statistical Inference

Basics of statistical inference. Sampling distributions, parameter estimation, hypothesis testing, optimal estimates and tests. Maximum likelihood estimates and likelihood ratio tests. Data summary methods and categorical data analysis. Analysis of variance and introduction to linear regression.

Pre-requisites: MATH 2210, MATH 3070.

credit hours: 3

MATH 3090 Linear Algebra

Linear Algebra

An introduction to linear algebra emphasizing matrices and their applications. Gaussian elimination, determinants, vector spaces and linear transformations, orthogonality and projections, eigenvector problems, diagonalizability, Spectral Theorem, quadratic forms, applications. MATLAB is used as a computational tool.

Pre-requisites: MATH 2210.

credit hours: 4

MATH 3110 Abstract Algebra I

Abstract Algebra I

An introduction to abstract algebra. Elementary number theory and congruences. Basic group theory: groups, subgroups, normality, quotient groups, permutation groups. Ring theory: polynomial rings, unique factorization domains, elementary ideal theory. Introduction to field

theory.

Pre-requisites: MATH 2210.

credit hours: 3

MATH 3130 Special Topics in Mathematics

Special Topics in Mathematics

Courses offered by visiting professors or permanent faculty. For description, consult department.

credit hours: 3

MATH 3140 Experimental Mathematics

Experimental Mathematics

The exploration of Mathematical tools in Symbolic Languages. Examples are taken from calculus, differential equations, and linear algebra.

Pre-requisites: MATH 1210, 1220, 2210.

credit hours: 3

MATH 3200 Combinatorics

Combinatorics

Basics of combinatorics with emphasis on problem solving. Provability, pigeonhole principle, mathematical induction. Counting techniques, generating functions, recurrence relations, Polya's counting formula, a theorem of Ramsey.

Pre-requisites: MATH 1210, 1220, and either 2210 or 3090 or approval of instructor.

credit hours: 3

MATH 3250 Theory of Computation

Theory of Computation

Introduction to the theory of computation: Formal languages, finite automata and regular languages, deterministic and nondeterministic computation, context free grammars, languages, pushdown automata, turning machines, undecidable problems, recursion theorem, computational complexity and NP-completeness.

Pre-requisites: MATH 2170 or equivalent.

credit hours: 3

MATH 3260 Advanced Algorithms

Advanced Algorithms

Students who have taken neither MATH 2170 nor MATH 3200 require the permission of the instructor. A study of important algorithms (including searching and sorting, graph/network algorithms, and algorithms in number theory) and algorithm design techniques (including greedy, recursive, and probabilistic algorithms). Covers the analysis of algorithms (including worst-case and average-case analysis) and discussions of complexity classes for decision and enumeration problems (including P, NP, #P, PSPACE).

Pre-requisites: MATH 3050 or 3110 or 3200.

credit hours: 3

MATH 3280 Introduction to Theory of Information

Introduction to Theory of Information

This introduction to information theory will address fundamental concepts, such as information, entropy, relative entropy, and mutual information. In addition to giving precise definitions of these concepts, the course will include a probabilistic approach based on equipartitions. Many of the applications of information will be discussed, including Shannon's basic theorems on channel

capacity and related coding theorems. In addition to channels and channel capacity, the course will discuss applications of information theory to mathematics, statistics, and computer science.

Pre-requisites: MATH 3050 or 3090 and familiarity with discrete probability.

credit hours: 3

MATH 3310 Scientific Computing I

Scientific Computing I

Errors. Curve fitting and function approximation, least squares approximation, orthogonal polynomials, trigonometric polynomial approximation. Direct methods for linear equations. Iterative methods for nonlinear equations and systems of nonlinear equations. Interpolation by polynomials and piecewise polynomials. Numerical integration. Single-step and multi-step methods for initial-value problems for ordinary differential equations, variable step size. Current algorithms and software.

Pre-requisites: MATH 2210, 2240, or 4240.

credit hours: 3

MATH 3650 Number Theory and Applications

Number Theory and Applications

The subject of number theory is one of the oldest in mathematics. The course will cover some basic material and describe interesting applications. One of the recurrent themes is the realization that mathematics that was developed usually for its own sake, has found applications in many unexpected problems. Some of the topics covered in the class are Pythagorean triples, prime numbers, divisibility and the highest common divisor, linear diophantine equations, congruences, round-robin tournaments and perpetual calendars, multiple functions, perfect numbers, primitive roots, pseudo-random numbers, decimal fractions and continued fractions, quadratic reciprocity.

credit hours: 3

MATH 3980 Seminar in Mathematics (Capstone)

Seminar in Mathematics (Capstone)

Under faculty guidance, students will select a topic in current mathematical research, write an expository article on that topic, and give an oral presentation. This seminar is required of all mathematics majors who are not doing an Honors Project within the department.

Notes: Completion of 3980 and 3990 fulfills the college intensive-writing requirement. Meets capstone requirement.

Pre-requisites: MATH 3050, 3090, and two additional courses at the 3000-level or above.

credit hours: 1

MATH 3990 Seminar in Mathematics (Capstone)

Seminar in Mathematics (Capstone)

Under faculty guidance, students will select a topic in current mathematical research, write an expository article on that topic, and give an oral presentation. This seminar is required of all mathematics majors who are not doing an Honors Project within the department.

Notes: Completion of 3980 and 3990 fulfills the college intensive-writing requirement. Meets capstone requirement.

Pre-requisites: MATH 3050, 3090, and two additional courses at the 3000-level or above.

credit hours: 3

MATH 4060 Real Analysis II

Real Analysis II

An in-depth treatment of multivariable calculus. Extends the material covered in Mathematics 2210. Chain rule, inverse and implicit function theorems, Riemann integration in Euclidean n -space, Gauss-Green-Stokes theorems, applications.

Pre-requisites: MATH 3050 and 3090.

credit hours: 3

MATH 4120 Abstract Algebra II

Abstract Algebra II

Abstract vector spaces, quotient spaces, linear transformations, dual spaces, determinants. Solvable groups. Field extensions, Galois theory, solvability of equations by radicals.

Pre-requisites: MATH 3090 and 3110.

credit hours: 3

MATH 4210 Differential Geometry

Differential Geometry

Theory of plane and space curves including arc length, curvature, torsion, Frenet equations, surfaces in three-dimensional space. First and second fundamental forms, Gaussian and mean curvature, differentiable mappings of surfaces, curves on a surface, special surfaces.

Pre-requisites: MATH 3050 and 3090.

credit hours: 3

MATH 4240 Ordinary Differential Equations

Ordinary Differential Equations

Review of linear algebra, first-order equations (models, existence, uniqueness, Euler method, phase line, stability of equilibria), higher-order linear equations, Laplace transforms and applications, power series of solutions, linear first-order, systems (autonomous systems, phase plane), application of matrix normal forms, linearization and stability of nonlinear systems, bifurcation, Hopf bifurcation, limit cycles, Poincare-Bendixson theorem, partial differential equations (symmetric boundary-value problems on an interval, eigenvalue problems, eigenfunction expansion, initial-value problems in 1D).

Notes: Students may not receive credit for both 2240 and 4240.

Pre-requisites: MATH 3090.

credit hours: 3

MATH 4250 Mathematical Foundations of Computer Security

Mathematical Foundations of Computer Security

This course studies the mathematics underlying computer security, including both public key and symmetric key cryptography, crypto-protocols and information flow. The course includes a study of the RSA encryption scheme, stream and block ciphers, digital signatures and authentication. It also considers semantic security and analysis of secure information flow.

Pre-requisites: Calculus, MATH 2170 and MATH 3110 or permission of instructor.

credit hours: 3

MATH 4300 Complex Analysis

Complex Analysis

The complex number system, complex integration and differentiation, conformal mapping, Cauchy's theorem, calculus of residues.

Pre-requisites: MATH 3050.

credit hours: 3

MATH 4410 Topology

Topology

An introduction to topology. Elementary point set topology: topological spaces, compactness, connectedness, continuity, homeomorphisms, product and quotient spaces. Classification of surfaces and other geometric applications.

Pre-requisites: MATH 3050.

credit hours: 3

MATH 4411 Introduction to Algebraic Topology with Applications

Introduction to Algebraic Topology with Applications

An introduction to algebraic topology with perspectives on applications to sensor networks, target detection and learning theory. Elementary algebraic topology: fundamental group, simplicial complexes, homology, long exact sequences, excision, Lefschetz fixed point theorem, persistent homology. Applications to coverage in sensor networks, deSilva-Ghrist criterium, target enumeration.

credit hours: 3

MATH 4470 Analytical Methods of Applied Mathematics

Analytical Methods of Applied Mathematics

Derivations of transport, heat/reaction-diffusion, wave, Poisson's equations; well-posedness; characteristics methods for first order PDE's; D'Alembert formula and conservation of energy for wave equations; propagation of waves; Fourier transforms; heat kernel, smoothing effect; maximum principles; Fourier series and Sturm-Liouville eigen-expansions; method of separation of variables, frequencies of wave equations, stable and unstable modes, long time behavior of heat equations; delta-function, fundamental solution of Laplace equation, Newton potential; Green's function and Poisson formula; Dirichlet Principle.

Pre-requisites: MATH 2210 and 2240 or 4240.

credit hours: 3

MATH 4780 Introduction to Concurrency

Introduction to Concurrency

This course is a general introduction to Concurrency, i.e., the mathematical modeling of systems made up of several processes interacting with each other. The process algebra CSP (Communicating Sequential Processes) will be studied, both on the syntactic and semantic level. The denotational, operational, and algebraic models used to reason about the language will be presented, and examples will be used throughout to illustrate the theory.

Pre-requisites: MATH 2170 and MATH 3100 or approval of instructor.

credit hours: 3

MATH 4900 Advanced Topics in Mathematics

Advanced Topics in Mathematics

This course covers a variety of advanced topics in mathematics and exposes students to recent developments not available in other parts of the mathematics curriculum. Topics covered will vary from semester to semester. Recent topics offered include Knot Theory and 3-Manifolds, Algebraic Combinatorics, Cardiac Modeling, Number Theory.

Notes: Each section will have the specific topic listed as a subtitle and will have specific prerequisites at the 3000-level or above. It meets in conjunction with graduate level courses

MATH 7710-7790. Students may receive credit for MATH 4900 more than once, when the topics covered are distinct.

Pre-requisites: Approval of instructor.

credit hours: 3

MATH 4910 Independent Studies

Independent Studies

No more than four hours of 4910-4920 may be counted toward satisfying the major requirements.

Pre-requisites: Approval of the department.

credit hours: 1-3

MATH 4920 Independent Studies

Independent Studies

No more than four hours of 4910-4920 may be counted toward satisfying the major requirements.

Pre-requisites: Approval of the department.

credit hours: 3

MATH 6020 Mathematical Statistics

Mathematical Statistics

Thorough review of key distributions for probability and statistics, including the multivariate calculus needed to develop them. Full derivation of sampling distribution. Classical principles of inference including best tests and estimations. Methods of finding tests and estimators.

Introduction to Bayesian estimators.

Pre-requisites: MATH 3070 and 2210.

credit hours: 3

MATH 6030 Stochastic Processes

Stochastic Processes

Markov processes, Poisson processes, queueing models, introduction to Brownian Motion.

Pre-requisites: MATH 3070

credit hours: 3

MATH 6040 Linear Models

Linear Models

Overview of multivariate analysis, theory of least squares linear regression, regression diagnostics, introduction to generalized linear models with emphasis on logistic regression. The student will complete several extended data analysis assignments using SAS, S-Plus, or R.

Pre-requisites: MATH 3010 and 3090 or equivalent.

credit hours: 3

MATH 6080 Introduction to Statistical Inference

Introduction to Statistical Inference

Basics of Statistical inference. Sampling distributions, parameter estimation, hypothesis testing, optimal estimates and tests. Maximum likelihood estimates and likelihood ratio tests. Data summary methods, categorical data analysis. Analysis of variance and introduction to linear regression.

Pre-requisites: MATH 2210, MATH 3070.

credit hours: 3

MATH 6240 Ordinary Differential Equations

Ordinary Differential Equations

Review of linear algebra, first-order equations (models, existence, uniqueness, Euler method, phase line, stability of equilibria), higher-order linear equations, Laplace transforms and applications, power series of solutions, linear first-order, systems (autonomous systems, phase plane), application of matrix normal forms, linearization and stability of nonlinear systems, bifurcation, Hopf bifurcation, limit cycles, Poincare-Bendixson theorem, partial differential equations (symmetric boundary-value problems on an interval, eigenvalue problems, eigenfunction expansion, initial-value problems in 1D). Students may not receive credit for both 2240 and 4240.

Pre-requisites: MATH 3090.

credit hours: 3

MATH 6250 Mathematical Foundations of Computer Security

Mathematical Foundations of Computer Security

This course studies the mathematics underlying computer security, including both public key and symmetric key cryptography, crypto-protocols and information flow. The course includes a study of the RSA encryption scheme, stream and block ciphers, digital signatures and authentication. It also considers semantic security and analysis of secure information flow.

Pre-requisites: Calculus, MATH 2170 and MATH 3110 or permission of instructor.

credit hours: 3

MATH 6350 Optimization

Optimization

Constrained and unconstrained non-linear optimization; Linear programming, combinatorial optimization as time allows. Emphasis is on realistic problems whose solution requires computers, using Maple or Mathematica.

Pre-requisites: MATH 3090 or equivalent.

credit hours: 3

MATH 6370 Time Series Analysis

Time Series Analysis

This course provides an introduction to time series analysis at the graduate level. The course is about modeling based on three main families of techniques: (i) the classical decomposition into trend, seasonal and noise components; (ii) ARIMA processes and the Box and Jenkins methodology; (iii) Fourier analysis. If time permits, other possible topics include state space modeling and fractional processes. The course is focused on the theory, but some key examples and applications are also covered and implemented in the software package R.

Pre-requisites: One course from MATH 6020/7240, MATH 6040/7260 or MATH 7360; one course from MATH 7550, MATH 6050/3050 or MATH 6710/7210. Exceptions to these prerequisites may be granted by permission of the instructor.

credit hours: 3

MATH 6380 Introduction to Theory of Information

Introduction to Theory of Information

This introduction to information theory will address fundamental concepts, such as information, entropy, relative entropy, and mutual information. In addition to giving precise definitions of these concepts, the course will include a probabilistic approach based on equipartitions. Many of the applications of information will be discussed, including Shannon's basic theorems on channel capacity and related coding theorems. In addition to channels and channel capacity, the course

will discuss applications of information theory to mathematics, statistics, and computer science.

Co-requisites: MATH 3050 or 3090 and familiarity with discrete probability.

credit hours: 3

MATH 6510 Topology I and II

Topology I and II

Point set topology. Connectedness, product and quotient spaces, separation properties, metric spaces. Classification of compact connected surfaces. Homotopy. Fundamental group and covering spaces. Singular and simplicial homology. Eilenberg-Steenrod axioms. Computational techniques, including long exact sequences. Mayer-Vietoris sequences, excision, and cellular chain complexes. Introduction to singular cohomology.

Pre-requisites: MATH 3050 and 4060.

credit hours: 3

MATH 6520 Topology I and II

Topology I and II

Point set topology. Connectedness, product and quotient spaces, separation properties, metric spaces. Classification of compact connected surfaces. Homotopy. Fundamental group and covering spaces. Singular and simplicial homology. Eilenberg-Steenrod axioms. Computational techniques, including long exact sequences. Mayer-Vietoris sequences, excision, and cellular chain complexes. Introduction to singular cohomology.

Pre-requisites: MATH 3050 and 4060.

credit hours: 3

MATH 6550 Differential Geometry I

Differential Geometry I

Differentiable manifolds. Vector fields and flows. Tangent bundles. Frobenius theorem. Tensor fields. Differential forms, Lie derivatives. Integration and deRham's theorem. Riemannian metrics, connections, curvature, parallel translation, geodesics, and submanifolds, including surfaces. First and second variation formulas, Jacobi fields, Lie groups. The Maurer-Cartan equation. Isometries, principal bundles, symmetric spaces, Kähler geometry.

credit hours: 3

MATH 6560 Differential Geometry II

Differential Geometry II

Differentiable manifolds. Vector fields and flows. Tangent bundles. Frobenius theorem. Tensor fields. Differential forms, Lie derivatives. Integration and deRham's theorem. Riemannian metrics, connections, curvature, parallel translation, geodesics, and submanifolds, including surfaces. First and second variation formulas, Jacobi fields, Lie groups. The Maurer-Cartan equation. Isometries, principal bundles, symmetric spaces, Kähler geometry.

credit hours: 3

MATH 6610 Algebra I

Algebra I

Vector spaces: matrices, eigenvalues, Jordan canonical form. Elementary number theory: primes, congruences, function, linear Diophantine equations, Pythagorean triples. Group theory: cosets, normal subgroups, homomorphisms, permutation groups, theorems of Lagrange, Cayley, Jordan-Hölder, Sylow. Finite abelian groups, free groups, presentations. Ring theory: prime and maximal ideals, fields of quotients, matrix and Noetherian rings. Fields: algebraic and transcendental

extensions, survey of Galois theory. Modules and algebras: exact sequences, projective and injective and free modules, hom and tensor products, group algebras, finite dimensional algebras. Categories: axioms, subobjects, kernels, limits and colimits, functors and adjoint functors.

Pre-requisites: MATH 3090 and 3110.

credit hours: 3

MATH 6620 Algebra II

Algebra II

Vector spaces: matrices, eigenvalues, Jordan canonical form. Elementary number theory: primes, congruences, function, linear Diophantine equations, Pythagorean triples. Group theory: cosets, normal subgroups, homomorphisms, permutation groups, theorems of Lagrange, Cayley, Jordan-Hölder Sylow. Finite abelian groups, free groups, presentations. Ring theory: prime and maximal ideals, fields of quotients, matrix and Noetherian rings. Fields: algebraic and transcendental extensions, survey of Galois theory. Modules and algebras: exact sequences, projective and injective and free modules, hom and tensor products, group algebras, finite dimensional algebras. Categories: axioms, subobjects, kernels, limits and colimits, functors and adjoint functors.

Pre-requisites: MATH 3090 and 3110.

credit hours: 3

MATH 6650 Differential Equations I

Differential Equations I

ODE: existence and uniqueness, stability and linearized stability, phase plane analysis, bifurcation and chaos. PDE: heat, wave, and Laplace equations, functional analytic (Sobolev space) and geometric (characteristic) methods. Maximum principle. Introduction to nonlinear PDE's.

credit hours: 3

MATH 6660 Differential Equations II

Differential Equations II

ODE: existence and uniqueness, stability and linearized stability, phase plane analysis, bifurcation and chaos. PDE: heat, wave, and Laplace equations, functional analytic (Sobolev space) and geometric (characteristic) methods. Maximum principle. Introduction to nonlinear PDE's.

credit hours: 3

MATH 6710 Analysis I

Analysis I

Lebesgue measure on $\mathbb{R}$. Measurable functions (including Lusin's and Egoroff's theorems). The Lebesgue integral. Monotone and dominated convergence theorems. Radon-Nikodym Theorem. Differentiation: bounded variation, absolute continuity, and the fundamental theorem of calculus. Measure spaces and the general Lebesgue integral (including summation and topics in $\mathbb{R}^n$ such as the Lebesgue differentiation theorem). L_p spaces and Banach spaces. Hahn-Banach, open mapping, and uniform boundedness theorems. Hilbert space. Representation of linear functionals. Completeness and compactness. Compact operators, integral equations, applications to differential equations, self-adjoint operators, unbounded operators.

Pre-requisites: MATH 3050, 3090, and 4060.

credit hours: 3

MATH 6720 Analysis II

Analysis II

Lebesgue measure on $\mathbb{R}$. Measurable functions (including Lusin's and Egoroff's theorems). The Lebesgue integral. Monotone and dominated convergence theorems. Radon-Nikodym Theorem. Differentiation: bounded variation, absolute continuity, and the fundamental theorem of calculus. Measure spaces and the general Lebesgue integral (including summation and topics in $\mathbb{R}^n$ such as the Lebesgue differentiation theorem). L_p spaces and Banach spaces. Hahn-Banach, open mapping, and uniform boundedness theorems. Hilbert space. Representation of linear functionals. Completeness and compactness. Compact operators, integral equations, applications to differential equations, self-adjoint operators, unbounded operators.

Pre-requisites: MATH 3050, 3090, and 4060.

credit hours: 3

MATH 6750 Computation I, II

Computation I, II

Floating point arithmetic (limitations and pitfalls). Numerical linear algebra, solving linear systems by direct and iterative methods, eigenvalue problems, singular value decompositions, numerical integration, interpolation. Iterative solution of nonlinear equations. Unconstrained optimization. Solution of ODE, both initial and boundary value problems. Numerical PDE. Introduction to fluid dynamics and other areas of application.

credit hours: 3

MATH 6760 Computation I, II

Computation I, II

Floating point arithmetic (limitations and pitfalls). Numerical linear algebra, solving linear systems by direct and iterative methods, eigenvalue problems, singular value decompositions, numerical integration, interpolation. Iterative solution of nonlinear equations. Unconstrained optimization. Solution of ODE, both initial and boundary value problems. Numerical PDE. Introduction to fluid dynamics and other areas of application.

credit hours: 3

MATH 6810 Applied Mathematics I

Applied Mathematics I

Formulating mathematical models. Introduction to differential equations and integral equations. Fourier series and transforms, Laplace transforms. Generating functions. Dimensional analysis and scaling. Regular and singular perturbations. Asymptotic expansions. Boundary layers. The calculus of variations and optimization theory. Similarity solutions. Difference equations. Stability and bifurcation. Introduction to probability and statistics, and applications.

Notes: Mathematics 6510, 6520, 6550, 6560, 6610, 6620, 6650, 6660, 6710, 6720, 6750, 6760, 6810, 6820 are particularly recommended for students planning to do graduate work in mathematics.

Pre-requisites: MATH 3050, 3090, 3470, and 4060.

credit hours: 3

MATH 6820 Applied Mathematics II

Applied Mathematics II

Formulating mathematical models. Introduction to differential equations and integral equations. Fourier series and transforms, Laplace transforms. Generating functions. Dimensional analysis and scaling. Regular and singular perturbations. Asymptotic expansions. Boundary layers. The

calculus of variations and optimization theory. Similarity solutions. Difference equations. Stability and bifurcation. Introduction to probability and statistics, and applications.

Notes: Mathematics 6510, 6520, 6550, 6560, 6610, 6620, 6650, 6660, 6710, 6720, 6750, 6760, 6810, 6820 are particularly recommended for students planning to do graduate work in mathematics.

Pre-requisites: MATH 3050, 3090, 3470, and 4060.

credit hours: 3

MATH 6840 Numerical Methods in Partial Differential Equations

Numerical Methods in Partial Differential Equations

This course will present a detailed analysis of the methods for numerically approximating the solution of ordinary and partial differential equations typically encountered in applications from engineering and physics. Mathematical theory, practical implementation and applications will be emphasized equally. Typical applications to be discussed include population dynamics, particle dynamics, waves, diffusion processes.

Pre-requisites: MATH 3310 and 3470 or approval of instructor.

credit hours: 3

MATH 7010 Topology I

Topology I

Point set topology. Connectedness, product and quotient spaces, separation properties, metric spaces. Classification of compact connected surfaces. Homotopy. Fundamental group and covering spaces. Singular and simplicial homology. Eilenberg-Steenrod axioms. Computational techniques, including long exact sequences. Mayer-Vietoris sequences, excision, and cellular chain complexes. Introduction to singular cohomology.

Pre-requisites: Math 3050 and 4060.

credit hours: 3

MATH 7020 Topology II

Topology II

Point set topology. Connectedness, product and quotient spaces, separation properties, metric spaces. Classification of compact connected surfaces. Homotopy. Fundamental group and covering spaces. Singular and simplicial homology. Eilenberg-Steenrod axioms. Computational techniques, including long exact sequences. Mayer-Vietoris sequences, excision, and cellular chain complexes. Introduction to singular cohomology.

Pre-requisites: Math 3050 and 4060.

credit hours: 3

MATH 7110 Algebra I

Algebra I

Vector spaces: matrices, eigenvalues, Jordan canonical form. Elementary number theory: primes, congruences, function, linear Diophantine equations, Pythagorean triples. Group theory: cosets, normal subgroups, homomorphisms, permutation groups, theorems of Lagrange, Cayley, Jordan-Hölder, Sylow. Finite abelian groups, free groups, presentations. Ring theory: prime and maximal ideals, fields of quotients, matrix and Noetherian rings. Fields: algebraic and transcendental extensions, survey of Galois theory. Modules and algebras: exact sequences, projective and injective and free modules, hom and tensor products, group algebras, finite dimensional algebras. Categories: axioms, subobjects, kernels, limits and colimits, functors and adjoint functors.

Pre-requistites: Math 3090 and 3110.

credit hours: 3

MATH 7120 Algebra II

Algebra II

Vector spaces: matrices, eigenvalues, Jordan canonical form. Elementary number theory: primes, congruences, function, linear Diophantine equations, Pythagorean triples. Group theory: cosets, normal subgroups, homomorphisms, permutation groups, theorems of Lagrange, Cayley, Jordan-Hölder, Sylow. Finite abelian groups, free groups, presentations. Ring theory: prime and maximal ideals, fields of quotients, matrix and Noetherian rings. Fields: algebraic and transcendental extensions, survey of Galois theory. Modules and algebras: exact sequences, projective and injective and free modules, hom and tensor products, group algebras, finite dimensional algebras. Categories: axioms, subobjects, kernels, limits and colimits, functors and adjoint functors.

Pre-requistites: Math 3090 and 3110.

credit hours: 3

MATH 7210 Analysis I

Analysis I

credit hours: 3

MATH 7220 Analysis II

Analysis II

credit hours: 3

MATH 7240 Mathematical Statistics

Mathematical Statistics

Consists of Math 6020 and additional meetings and readings to cover advanced limit theorems and foundations of mathematical statistics.

Pre-requistites: Math 6070, 6080 and 7210 or permission of the instructor.

credit hours: 3

MATH 7260 Linear Models

Linear Models

Review of linear algebra pertinent to least squares regression. Review of multivariate normal, chi-square, t, F distributions. Classical theory of linear regression and related inference.

Regression diagnostics. Extensive practice in data analysis.

Pre-requistites: Math 3070/6070, 3080/6080.

Co-requisites: Math 309 or approval of instructor.

credit hours: 3

MATH 7310 Applied Mathematics I

Applied Mathematics I

This is a first year graduate course in Applied Mathematics. A solid working knowledge of linear algebra and advanced calculus is the necessary background for this class. The topics covered include a mix of analytical and numerical methods that are used to understand models described by differential equations. We will emphasize applications from science and engineering, as they are the driving force behind each of the topics addressed.

credit hours: 3

MATH 7320 Applied Mathematics II

Applied Mathematics II

This is a first year graduate course in Applied Mathematics. A solid working knowledge of linear algebra and advanced calculus is the necessary background for this class. The topics covered include a mix of analytical and numerical methods that are used to understand models described by differential equations. We will emphasize applications from science and engineering, as they are the driving force behind each of the topics addressed.

credit hours: 3

MATH 7350 Scientific Computing I

Scientific Computing I

Introduction to numerical analysis: well-posedness and condition number, stability and convergence of numerical methods, a priori and a-posteriori analysis, source of error in computational models, machine representation of numbers. Linear operators on normed spaces. Root finding for nonlinear equations. Polynomial interpolation. Numerical integration. Orthogonal polynomials in approximation theory. Numerical solution of ordinary differential equations.

Pre-requisites: MATH 3310 or MATH 7310-7320.

credit hours: 3

MATH 7360 Data Analysis

Data Analysis

This course covers the statistical analysis of datasets using R software package. The R environment, which is an Open Source system based on the S Language, is one of the most versatile and powerful tools available for statistical data analysis, and is widely used in both academic and industrial research. Key topics include graphical methods, generalized linear models, clustering, classification, time series analysis and spatial statistics. No prior knowledge of R is required.

credit hours: 3

MATH 7370 Time Series Analysis

Time Series Analysis

This course provides an introduction to time series analysis at the graduate level. The course is about modeling based on three main families of techniques: (i) the classical decomposition into trend, seasonal and noise components; (ii) ARIMA processes and the Box and Jenkins methodology; (iii) Fourier analysis. If time permits, other possible topics include state space modeling and fractional processes. The course is focused on the theory, but some key examples and applications are also covered and implemented in the software package R.

Pre-requisites: One course from MATH 6020/7240, MATH 6040/7260 or MATH 7360; one course from MATH 7550, MATH 6050/3050 or MATH 6710/7210. Excep

credit hours: 3

MATH 7420 Literature Seminar

Literature Seminar

credit hours: 3

MATH 7510 Differential Geometry I

Differential Geometry I

Differential manifolds. Vector fields and flows. Tangent bundles. Frobenius theorem. Tensor fields. Differential forms, Lie derivatives. Integration and deRham's theorem. Riemannian metrics,

connections, curvature, parallel translation, geodesics, and submanifolds, including surfaces. First and second variation formulas, Jacobi fields, Lie groups. The Maurer-Cartan equation. Isometries, principal bundles, symmetric spaces, Kähler geometry.

credit hours: 3

MATH 7520 Differential Geometry II

Differential Geometry II

Differential manifolds. Vector fields and flows. Tangent bundles. Frobenius theorem. Tensor fields. Differential forms, Lie derivatives. Integration and deRham's theorem. Riemannian metrics, connections, curvature, parallel translation, geodesics, and submanifolds, including surfaces. First and second variation formulas, Jacobi fields, Lie groups. The Maurer-Cartan equation. Isometries, principal bundles, symmetric spaces, Kähler geometry.

credit hours: 3

MATH 7530 Partial Differential Equations I

Partial Differential Equations I

Classical weak and strong maximum principles for 2nd order elliptic and parabolic equations, Hopf boundary point lemma, and their applications. Sobolev spaces, weak derivatives, approximation, density theorem, Sobolev inequalities, Kondrachov compact imbedding. L2 theory for second order elliptic equations, existence via Lax-Milgram Theorem, Fredholm alternative, a brief introduction to L2 estimates, Harnack inequality, eigenexpansion. L2 theory for second order parabolic and hyperbolic equations, existence via Galerkin method, uniqueness and regularity via energy method. Semigroup theory applied to second order parabolic and hyperbolic equations. A brief introduction to elliptic and parabolic regularity theory, the Lp and Schauder estimates. Nonlinear elliptic equations, variational methods, method of upper and lower solutions, fixed point method, bifurcation method. Nonlinear parabolic equations, global existence, stability of steady states, traveling wave solutions. Conservation laws, Rankine-Hugoniot jump condition, uniqueness issue, entropy condition, Riemann problem for Burger's equation, p-systems.

Pre-requisites: MATH 3050, 4060, 4470/6470/731000, 7210 and 7220 or by instructor's approval.

credit hours: 3

MATH 7540 Partial Differential Equations II

Partial Differential Equations II

A brief introduction to elliptic and parabolic regularity theory, the L^p and Schauder estimates. Nonlinear elliptic equations, variational methods, methods of upper and lower solutions, fixed point method, bifurcation method. Nonlinear parabolic equations, global existence, stability of steady states, traveling wave solutions. Conservation laws, Rankine-Hugoniot jump condition, uniqueness issue, entropy condition, Riemann problem for Burger's equation and p-systems.

Pre-requisites: MATH 7530 or by instructor's approval.

credit hours: 3

MATH 7550 Probability and Statistics I

Probability and Statistics I

Various types of convergence, independent increments, stable laws, central limit problem. Central limit theorems, χ^2 distribution, contingency tables. Sampling distributions for normal populations (t, χ^2 , F). Estimation of parameters: minimum variance, maximum likelihood, sufficiency, nonparametric estimation. Hypothesis testing: Neyman-Pearson lemmas, general

linear models, analysis of variances and covariance, regression. Introduction to time series, sampling design, and Bayesian theory.

credit hours: 3

MATH 7560 Probability and Statistics II

Probability and Statistics II

Various types of convergence, independent increments, stable laws, central limit problem. Central limit theorems, χ^2 distribution, contingency tables. Sampling distributions for normal populations (t , χ^2 , F). Estimation of parameters: minimum variance, maximum likelihood, sufficiency, nonparametric estimation. Hypothesis testing: Neyman-Pearson lemmas, general linear models, analysis of variances and covariance, regression. Introduction to time series, sampling design, and Bayesian theory.

credit hours: 3

MATH 7570 Scientific Computation I

Scientific Computation I

Floating point arithmetic (limitations and pitfalls). Numerical linear algebra, solving linear system by direct and iterative methods, eigenvalue problems, singular value decompositions, numerical integrations, interpolations. Unconstrained optimization.

Pre-requisites: MATH 7350.

credit hours: 3

MATH 7580 Scientific Computation II

Scientific Computation II

Numerical ODE, both initial and boundary value problems. Numerical PDE. Introduction to fluid dynamics and other areas of application.

Pre-requisites: MATH 7350 and 7570.

credit hours: 3

MATH 7710 Special Topics

Special Topics

credit hours: 3

MATH 7790 Special Topics

Special Topics

credit hours: 3

MATH 7800 Seminar in Mathematics

Seminar in Mathematics

credit hours: 3

MATH 7980 Reading and Research

Reading and Research

credit hours: 3

MATH 9990 Dissertation Research

Dissertation Research

credit hours: 3

MATH H4990 Honors Thesis

Honors Thesis

Thesis may serve to satisfy part of the departmental honors requirements.

Pre-requisites: Approval of the department.

credit hours: 3

MATH H5000 Honors Thesis

Honors Thesis

Thesis may serve to satisfy part of the departmental honors requirements.

Pre-requisites: Approval of the department.

credit hours: 3

NSCI 1005 Laboratory Explorations in Neuroscience

Laboratory Explorations in Neuroscience

This is a lab course that introduces high-school students to procedures in neuroanatomy, behavioral neuroscience, animal learning and memory, human sensation and perception, and bench science. Statistical analyses and scientific writing is included. Limited to high school students.

credit hours: 1

NSCI 3010 The Physical Dimensions of Aging

The Physical Dimensions of Aging

This course is designed to introduce students to the physiological, behavioral, and cognitive changes associated with aging. In particular, we will focus on the effects of exercise on the aging human system. We will also discuss what it means to become older within a community, what can a person expect during the aging process, and what kind of control a person has over his/her aging body. Does not count as a NSCI lecture elective.

Pre-requisites: EBIO 1010/1015, CELL 1010 or instructor approval.

credit hours: 3

NSCI 3300 Brain and Behavior

Brain and Behavior

Lectures cover the function and structure of the nervous system and the role of brain activity in the regulation of behavior. This course provides Neuroscience majors with a first exposure to the biological bases of behavior and should be taken prior to other Neuroscience courses at the 3000-level and above.

Pre-requisites: PSYC 1000, H1010 or 1020.

credit hours: 3

NSCI 3310 Cellular Neuroscience

Cellular Neuroscience

In-depth coverage of the basic principles of cellular neuroscience, including the biophysical basis of the membrane potential, action potential generation and propagation, and synaptic signaling. Students also will be introduced to the synaptic organization of higher neural systems, such as the visual, auditory and somatic sensory systems.

Pre-requisites: CELL 1010 and PSYC/NSCI 3300.

credit hours: 3

NSCI 3315 Cellular Neuroscience Laboratory

Cellular Neuroscience Laboratory

An introduction to in vitro electrophysiology techniques.

Pre-requisites: NSCI 3310 or approval of Instructor.

credit hours: 1

NSCI 3320 Systems Neuroscience

Systems Neuroscience

The subject of this course is the human nervous system, its anatomy, connectivity and function. Discusses the normal structure of the nervous system and the relationship of that structure to physiological function. The course is taught from a practical, clinical point of view and is intended to prepare students for further study in the neurosciences.

Pre-requisites: CELL/NSCI 3310 or approval of instructor.

credit hours: 3

NSCI 3325 Neuroanatomy Laboratory

Neuroanatomy Laboratory

The subject of this course is the anatomy of the human nervous system. Students will learn to identify and map the structure and position of nuclei, pathways, and anatomical divisions of the brain and spinal cord. The course is a practical correlate to Systems Neuroscience (NSCI 3320), and is intended to prepare students for further study in the neurosciences.

credit hours: 1

NSCI 3360 Neuroanatomy and CNS Dissection

Neuroanatomy and CNS Dissection

The course emphasis is extracting intact Central Nervous System (CNS) structures with connecting peripheral nerves. The course will look at specific pathways (afferent, efferent, dermatomes) and discuss related clinical manifestations associated with lesions to the individual CNS and peripheral nerve structures. Team dissection will attempt to save substantial segments of cranial nerves and will explore the structures with which they communicate. As student progress through the dissection they will: 1) identify structures that surround and or cover the CNS; 2) log them in a course notebook and then dissect appropriate structures. Grading will be based upon participation, complete notebooks and final dissection results. (e.g., did you remove the brain, spinal cord, and peripheral nerves as a single unit in reasonable condition?)

Notes: Satisfies neuroscience laboratory requirement.

credit hours: 3

NSCI 3770 Sensation and Perception

Sensation and Perception

Course provides the student with an appreciation for the different senses and the psychological phenomena associated with each sense. Topics include the major theories and experimental methods and findings associated with each of the sensory systems. Emphasis is placed on understanding sensory functions from an evolutionary perspective. The objective is for the student to obtain a firm understanding of the sensory functions and psychological phenomena associated with each sense.

Pre-requisites: NSCI/PSYC 3300.

credit hours: 3

NSCI 3775 Sensation and Perception Lab

Sensation and Perception Lab

Course provides the student with hands on activities in order to gain a deeper understanding for the different senses and the methods used to study psychological phenomena associated with

each sense. Satisfies neuroscience laboratory requirement.

Pre-requisites: NSCI/PSYC 3300.

Co-requisites: NSCI/PSYC 3770.

credit hours: 1

NSCI 4060 Behavioral Endocrinology

Behavioral Endocrinology

An introduction to the roles of steroid and peptide hormones in physiology and behavior. Lectures focus on the hormonal mechanisms that control reproductive and regulatory functions in human and infrahuman species.

Pre-requisites: NSCI/PSYC 3300 or approval of instructor.

credit hours: 3

NSCI 4065 Behavioral Endocrinology Laboratory

Behavioral Endocrinology Laboratory

Laboratories provide demonstration and hands-on experience in research methods used in contemporary neuroendocrinology including hormonal manipulation, behavioral measurement, data analysis, and manuscript preparation.

Notes: Satisfies psychology and neuroscience laboratory requirement.

Co-requisites: NSCI 4060.

credit hours: 1

NSCI 4110 Brain and Language

Brain and Language

The goal of this course is to learn how the brain is organized to produce and comprehend language and to understand linguistic disorders attendant on brain damage. There is an optional service learning component in which students can work with a speech therapist at a local health-care provider.

credit hours: 3

NSCI 4130 Sports Related Brain Injury

Sports Related Brain Injury

This course will provide students with a conceptual and practical appreciation of contemporary neuroscience techniques that are utilized for the assessment and rehabilitation of athletes that suffer sport related concussion(s), including both strengths and limitations. The course will provide an innovative and engaging environment within the community for supervised exploration of specific components of sport concussion management including education/prevention and baseline testing. The students will also communicate research findings in oral and written formats. Course grades will be determined by the students' performance on test(s), scientific article critiques, student lead class discussions, and a group project. In lieu of a final exam, students will submit a group project that will simulate the process to complete a clinical research project. All undergraduate students who register for the course are required to register and to participate in the Service Learning course.

credit hours: 3

NSCI 4200 General Endocrinology

General Endocrinology

This course explains the basics of hormone action and hormone interactions with their receptors,

with an emphasis on the molecular mechanisms by which homeostasis is maintained in multicellular organisms. Physiological outcomes of hormone actions on different organs, as well as aberrant hormone action will be covered.

Pre-requisites: CELL 3030 or by instructor approval.

credit hours: 3

NSCI 4330 Neurobiology of Learning and Memory

Neurobiology of Learning and Memory

An introduction to the study of the neural mechanisms involved in learning and memory. The course involves detailed study of the memory systems of the brain as well as historical trends, theoretical perspectives and empirical findings that are associated with the neurobiology of learning and memory.

Pre-requisites: NSCI/PSYC 3300.

credit hours: 3

NSCI 4340 Neurobiology of Disease

Neurobiology of Disease

Advanced course on the higher neural functions of the nervous system and neurological diseases resulting from disruption of these functions. An emphasis is placed on the physiology of the nervous system and neural dysfunction caused by inherited and acquired diseases. Topics range from motor control and neuromuscular diseases to high cognitive function and dementia. Clinical interventions as well as current research are discussed.

Pre-requisites: NSCI/CELL 3310.

credit hours: 3

NSCI 4350 Developmental Neurobiology

Developmental Neurobiology

A broad overview of the different stages of neural development. Examination of the molecular aspects of developmental neurobiology, with reference to some important signaling pathways involved in neural growth and specification. Particular attention will be given to those active research fields, such as growth cone guidance and collapse and activity-dependent development, and applications of these to injury and disease.

Pre-requisites: NSCI/CELL 3310 or CELL 4160 or approval of instructor.

credit hours: 3

NSCI 4370 Molecular Neurobiology

Molecular Neurobiology

Introduction to the molecular biology of neurons and neuronal function. Topics of study will include: the molecular composition of nerve cells, and how this provides a basis for their functional properties; their synaptic connectivity; how they receive, transmit and retain information at a molecular level. Studies will focus on current research in the field of molecular neurobiology.

Pre-requisites: NSCI/CELL 3310 or 3320 or approval of instructor.

credit hours: 3

NSCI 4380 Cognitive Neuroscience

Cognitive Neuroscience

An introduction to the study of human behavior and cognition using neuroscience methods. The course will examine the neural basis of perception, attention, memory, language, motor control, and emotions. Fulfills the capstone requirement for majors if student co-registers in NSCI 4385

and NSCI 511x.

Pre-requisites: NSCI/PSYC 3300.

credit hours: 3

NSCI 4385 Cognitive Neuroscience Laboratory

Cognitive Neuroscience Laboratory

A laboratory course that provides training in experimental design and ethical issues, data collection, analysis, and manuscript preparation for cognitive neuroscience experiments.

Methods used in cognitive neuroscience research, such as event-related potentials, structural and functional MRI, also will be discussed. Students will conduct their own studies using behavioral and brain electrical activity measures. Note: Satisfies psychology and neuroscience laboratory requirement. Satisfies: Capstone requirement for majors if student co-registers for NSCI 511x. Fulfills college laboratory requirement.

Co-requisites: NSCI 4380/PSYC 4380.

credit hours: 1

NSCI 4500 Advanced Molecular Neurobiology

Advanced Molecular Neurobiology

This course provides detailed description and in-depth discussion of current techniques and experimental topics in the field of molecular neurobiology.

Pre-requisites: CELL/NSCI 4370 or CELL 4440 or CELL/NSCI 4350.

credit hours: 3

NSCI 4510 Biological Psychology

Biological Psychology

A survey of biological psychology with an emphasis on neuroanatomy and research methods used to study mechanisms of learning and memory, mental disorders, emotion, stress, and other psychological phenomena.

Pre-requisites: NSCI/PSYC 3300 or approval of instructor.

credit hours: 3

NSCI 4512 Memory Systems of the Brain

Memory Systems of the Brain

In this writing-intensive Honors Seminar, students read and discuss empirical and theoretical works on neural systems specialized for memory, with emphasis on interactions among systems. Writing assignments include experimental proposals and reviews.

Pre-requisites: NSCI/PSYC 3300 or approval of instructor. Same as PSYC 4512

credit hours: 3

NSCI 4515 Biological Psychology Laboratory

Biological Psychology Laboratory

A laboratory course providing training in behavioral and neurobiological methods, experimental design, data collection and analysis and preparation of research reports. Fulfills the writing intensive requirement.

Co-requisites: NSCI 4510.

credit hours: 1

NSCI 4530 Psychopharmacology

Psychopharmacology

An introduction to the effects of psychoactive agents on the nervous system. Lectures emphasize

the mechanisms by which drugs regulate neurotransmitter systems to alter psychological and physical states.

Pre-requisites: NSCI/PSYC 3300 or approval of instructor.

credit hours: 3

NSCI 4535 Psychopharmacology Laboratory

Psychopharmacology Laboratory

Optional laboratory that fulfills laboratory requirement for Neuroscience and Psychology majors.

Co-requisites: NSCI 4530.

credit hours: 1

NSCI 4560 Neuroscience Internship

Neuroscience Internship

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing. Apply through the Center for Public Service. Registration is completed with the Neuroscience Program.

Notes: Does not fulfill either the Neuroscience Elective Lecture or Neuroscience Laboratory requirement.

Pre-requisites: Instructor approval required.

credit hours: 1-3

NSCI 4570 Neuroscience Internship

Neuroscience Internship

An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing. Apply through the Center for Public Service. Registration is completed with the Neuroscience Program.

Notes: Does not fulfill either the Neuroscience Elective Lecture or Neuroscience Laboratory requirement.

Pre-requisites: Instructor approval required.

credit hours: 1-3

NSCI 4590 Stress and Trauma

Stress and Trauma

This course provides an overview of the psychobiological bases of stress and trauma reactions and related psychological disorders.

Pre-requisites: PSYC 3090, 3300 and PSYC 3330 or 3340.

credit hours: 3

NSCI 4595 Stress and Trauma Laboratory

Stress and Trauma Laboratory

In this laboratory course students will complete an empirical research project on a subject within the field of stress and trauma.

Notes: Satisfies, in part, psychology laboratory requirement.

Co-requisites: PSYC/NSCI 4590.

credit hours: 3

NSCI 4660 Special Topics in Neuroscience

Special Topics in Neuroscience

Various topics in Neuroscience based on faculty and student interest.

credit hours: 3

NSCI 4910 Independent Studies

Independent Studies

Laboratory research under direction of a faculty member. Registration is completed with the Neuroscience Program. May be used to fulfill a neuroscience laboratory requirement.

credit hours: 1-3

NSCI 4920 Independent Studies

Independent Studies

Laboratory research under direction of a faculty member. Registration is completed with the Neuroscience Program. May be used to fulfill a neuroscience laboratory requirement.

credit hours: 1-3

NSCI 4950 Special Projects in Neuroscience

Special Projects in Neuroscience

Individual projects supervised by program faculty members. Open to qualified students with approval of instructor and advisor. Registration is completed with the Neuroscience Program.

credit hours: 1-3

NSCI 4960 Special Projects in Neuroscience

Special Projects in Neuroscience

Individual projects supervised by program faculty members. Open to qualified students with approval of instructor and advisor. Registration is completed with the Neuroscience Program.

credit hours: 1-3

NSCI 4980 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of a three-credit co-requisite course.

credit hours: 3

NSCI 5110 Capstone Component

Capstone Component

credit hours: 0

NSCI 6010 The Physical Dimensions of Aging

The Physical Dimensions of Aging

This course is designed to introduce students to the physiological, behavioral, and cognitive changes associated with aging. In particular, we will focus on the effects of exercise on the aging human system. We will also discuss what it means to become older within a community, what can a person expect during the aging process, and what kind of control a person has over his/her aging body.

Pre-requisites: EBIO 1010/1015, CELL 1010 or instructor approval.

credit hours: 1

NSCI 6030 Brain Institute Seminar

Brain Institute Seminar

Students attend weekly departmental seminars as an introduction to research hypotheses, techniques and presentations.

credit hours: 1

NSCI 6040 Trends in Neuroscience

Trends in Neuroscience

Students select, analyze, present, and discuss recent empirical articles in the field of Neuroscience. During most weeks, an article authored by a neuroscientist who is presenting a departmental colloquium will be selected to facilitate understanding of the presentation. Therefore, students are required to enroll in the companion course NSCI 6030, Neuroscience Seminar.

Co-requisites: NSCI 6030.

credit hours: 1

NSCI 6060 Behavioral Endocrinology

Behavioral Endocrinology

An introduction to the roles of steroid and peptide hormones in physiology and behavior. Lectures focus on the hormonal mechanisms that control reproductive and regulatory functions in human and infrahuman species.

Pre-requisites: NSCI/PSYC 3300 or approval of instructor.

credit hours: 3

NSCI 6070 Neurobiology of Aging

Neurobiology of Aging

This course will survey the current literature in clinical and research journals regarding the Neurobiology of the aging process. Emphasis is placed on the state of research in aging, looking at experimental design issues as well as published results. Connections will be drawn between the research literature and current clinical practice, as well as what the research literature says regarding aging and lifestyle.

credit hours: 3

NSCI 6110 Brain and Language

Brain and Language

The goal of this course is to learn how the brain is organized to produce and comprehend language and to understand linguistic disorders attendant on brain damage. There is an optional service learning component in which students can work with a speech therapist at a local healthcare provider.

credit hours: 3

NSCI 6130 Sports Related Brain Injury

Sports Related Brain Injury

This course will provide students with a conceptual and practical appreciation of contemporary neuroscience techniques that are utilized for the assessment and rehabilitation of athletes that suffer sport related concussion(s), including both strengths and limitations. The course will provide an innovative and engaging environment within the community for supervised exploration of specific components of sport concussion management including education/prevention and baseline testing. The students will also communicate research findings in oral and written formats. Course grades will be determined by the students' performance on test(s), scientific article critiques, student lead class discussions, and a group project. In lieu of a final exam, students will submit a group project that will simulate the process to complete a clinical research project.

credit hours: 3

NSCI 6150 Methods in Neuroscience

Methods in Neuroscience

A lecture course exposing students to contemporary theories and techniques used in cellular and behavioral neuroscience by Tulane neuroscientists in their own research programs. The course is taught by faculty members representing several departments from both the uptown and downtown campus and the Health Sciences Center.

Pre-requisites: PSYC/NSCI 3300.

credit hours: 3

NSCI 6155 Methods in Neuroscience Laboratory

Methods in Neuroscience Laboratory

A laboratory course allowing students to follow a neuroscience and cellular biology experiment from hypothesis-design development to neurochemical analyses. The course provides direct exposure to drug administration, behavioral assessment, tissue preparation, and cell culture.

Notes: Satisfies psychology and neuroscience laboratory requirement.

Pre-requisites: PSYC/NSCI 3300.

Co-requisites: CELL/NSCI 6150.

credit hours: 1

NSCI 6200 General Endocrinology

General Endocrinology

This course explains the basics of hormone action and hormone interactions with their receptors, with an emphasis on the molecular mechanisms by which homeostasis is maintained in multicellular organisms. Physiological outcomes of hormone actions on different organs, as well as aberrant hormone action will be covered. Open to undergraduates by petition who plan to transfer credit to the 4+1 Program in Neuroscience.

Pre-requisites: CELL 3030 or by instructor approval.

credit hours: 3

NSCI 6310 Cellular Neuroscience

Cellular Neuroscience

In-depth coverage of the basic principles of cellular neuroscience, including the biophysical basis of the membrane potential, action potential generation and propagation, and synaptic signaling. Students also will be introduced to the synaptic organization of higher neural systems, such as the visual, auditory and somatic sensory systems. In addition, a term paper is required. Open to graduate students only. Students are required to take NSCI 6360, Topics in Cellular Neuroscience, to obtain graduate credit.

Co-requisites: CELL/NSCI 6360.

credit hours: 3

NSCI 6320 Systems Neuroscience

Systems Neuroscience

The subject of this course is the human nervous system, its anatomy, connectivity and function. Discusses the normal structure of the nervous system and the relationship of that structure to physiological function. The course is taught from a practical, clinical point of view and is intended to prepare students for further study in the neurosciences. In addition, a term paper is required.

Pre-requisites: CELL 1010, NSCI/CELL 3310 or approval of instructor.

credit hours: 3

NSCI 6325 Neuroanatomy Laboratory

Neuroanatomy Laboratory

The subject of this course is the anatomy of the human nervous system. Students will learn to identify and map the structure and position of nuclei, pathways, and anatomical divisions of the brain and spinal cord. The course is a practical correlate to Systems Neuroscience, and is intended to prepare students for further study in the neurosciences.

credit hours: 1

NSCI 6330 Neurobiology of Learning and Memory

Neurobiology of Learning and Memory

An introduction to the study of the neural mechanisms involved in learning and memory. The course involves detailed study of the memory systems of the brain as well as historical trends, theoretical perspectives and empirical findings that are associated with the neurobiology of learning and memory. Open to undergraduates by petition who plan to transfer credit in Neurobiology of Learning and Memory to the 4+1 Program in Neuroscience.

Pre-requisites: NSCI/PSYC 3300.

credit hours: 3

NSCI 6340 Neurobiology of Disease

Neurobiology of Disease

Advanced course on the higher neural functions of the nervous system and neurological diseases resulting from disruption of these functions. An emphasis is placed on the physiology of the nervous system and neural dysfunction caused by inherited and acquired diseases. Topics range from motor control and neuromuscular diseases to high cognitive function and dementia. Clinical interventions as well as current research are discussed. In addition, a term paper is required. Open to undergraduates by petition who plan to transfer credit in Neurobiology of Disease to the 4+1 Program in Neuroscience.

Pre-requisites: NSCI/CELL 3310.

credit hours: 3

NSCI 6350 Developmental Neurobiology

Developmental Neurobiology

A broad overview of the different stages of neural development. Examination of the molecular aspects of developmental neurobiology, with reference to some important signaling pathways involved in neural growth and specification. Particular attention will be given to those active research fields, such as growth cone guidance and collapse and activity-dependent development, and applications of these to injury and disease. In addition, a term paper is required. Open to undergraduates by petition who plan to transfer credit to the 4+1 Program in Neuroscience.

Pre-requisites: NSCI/CELL 3310 or CELL 4160 or approval of instructor.

credit hours: 3

NSCI 6360 Topics in Cellular Neuroscience

Topics in Cellular Neuroscience

Open to graduate students only enrolled in CELL/NSCI 6310, Cellular Neuroscience. Journal club course intended as a supplement to Cellular Neuroscience in order to receive graduate credit for Cellular Neuroscience. Meets once a week for one hour. Students prepare and give oral presentations of topical papers from literature. Grade received contributes to final grade in Cellular Neuroscience.

Co-requisites: CELL/NSCI 6310.

credit hours: 0

NSCI 6370 Molecular Neurobiology

Molecular Neurobiology

Introduction to the molecular biology of neurons and neuronal function. Topics of study will include: the molecular composition of nerve cells, and how this provides a basis for their functional properties; their synaptic connectivity; how they receive, transmit and retain information at a molecular level. Studies will focus on current research in the field of molecular neurobiology. In addition, a term paper is required. Open to undergraduates by petition who plan to transfer credit to the 4+1 Program in Neuroscience.

Pre-requisites: NSCI/CELL 3310/6310 or NSCI/CELL 3320/6320 or approval of instructor.

credit hours: 3

NSCI 6380 Cognitive Neuroscience

Cognitive Neuroscience

An introduction to the study of human behavior and cognition using neuroscience methods. The course will examine the neural basis of perception, attention, memory, language, motor control, and emotions. Open to undergraduates by petition who plan to transfer credit to the 4+1 Program in Neuroscience.

Pre-requisites: NSCI/PSYC 3300.

credit hours: 3

NSCI 6500 Advanced Molecular Neurobiology

Advanced Molecular Neurobiology

This course provides detailed description and in-depth discussion of current techniques and experimental topics in the field of molecular neurobiology.

Pre-requisites: CELL/NSCI 4370 or CELL 4440 or CELL/NSCI 4350.

credit hours: 3

NSCI 6530 Psychopharmacology

Psychopharmacology

An introduction to the effects of psychoactive agents on the nervous system. Lectures emphasize the mechanisms by which drugs regulate neurotransmitter systems to alter psychological and physical states. Open to graduate students. Open to undergraduates by petition who plan to transfer credit in Psychopharmacology to the 4+1 Program in Neuroscience.

Pre-requisites: NSCI/PSYC 3300 or approval of instructor.

credit hours: 3

NSCI 6550 Synaptic Organization of the Brain

Synaptic Organization of the Brain

The goal of this course is to discuss and understand functional connections within and between areas of the brain to lead to a greater understanding of brain function and behavior. We will focus on limbic and memory systems. A strong emphasis will be placed on in-class discussions and student presentations to enhance critical thinking and oral presentation skills.

Pre-requisites: CELL/NSCI 3310 or equivalent.

credit hours: 3

NSCI 6590 Stress and Trauma

Stress and Trauma

This course provides an overview of the psychobiological bases of stress and trauma reactions and related psychological disorders.

Pre-requisites: PSYC 3090, 3300, and PSYC 3330 or 3340.

credit hours: 3

NSCI 6595 Stress and Trauma Laboratory

Stress and Trauma Laboratory

In this laboratory course students will complete an empirical research project on a subject within the field of stress and trauma.

Notes: Satisfies, in part, psychology laboratory requirement.

Co-requisites: PSYC/NSCI 6590.

credit hours: 3

NSCI 6910 Neuroscience Capstone

Neuroscience Capstone

This course is designed for senior neuroscience majors who have completed their core course requirements of Brain and Behavior, Cellular Neuroscience and Systems Neuroscience. It is designed to be a culminating experience in which students utilize and apply their skills and knowledge developed over the course of their major. Students will participate in a combination of journal club/seminar series, in which students will present and discuss neuroscience research articles and attend neuroscience seminars presented by researchers from Tulane and other institutions. Additional readings and class presentations will be assigned. Each student will complete a final project to be agreed upon by the instructor and student.

credit hours: 3

NSCI 7100 Special Projects in Neuroscience

Special Projects in Neuroscience

credit hours: 0-3

NSCI 7240 College Teaching Pedagogy

College Teaching Pedagogy

The objective of Teaching Pedagogy is to provide a structured learning experience for doctoral students in Psychology and Neuroscience to facilitate their preparation to teach at the collegiate level and to increase their competitiveness on the job market. The course focuses on strategies and techniques to teach undergraduate and graduate courses in Psychology and Neuroscience.

credit hours: 3

NSCI 7241 College Teaching Practicum

College Teaching Practicum

College Teaching Practicum allows doctoral students in Psychology and Neuroscience to design, prepare, and team-teach a section of an undergraduate course in their areas of expertise. Students receive supervision and mentoring based on classroom observations by Dr. Dohanich and other faculty members. Each student enrolled in the course teaches approximately 25% of an undergraduate course. Final grades are based on the effectiveness of teaching as evaluated by Dr. Dohanich using the attached rubric provided the CELT Peer Observation Program. The College Teaching Pedagogy course (PSYC/NSCI 7240) is the mandatory pre-requisite course for College Teaching Practicum.

Co-requisites: NSCI 7240

credit hours: 1-4

NSCI 7590 Neurobiology of Stress Disorders

Neurobiology of Stress Disorders

A team-taught graduate course about the phenomenon and mechanisms of the stress response featuring presentations by Tulane faculty and students. Topics include the molecular, cellular, physiological and psychological aspects of stress and discussions of methodology and results of stress research being conducted by Tulane researchers using human and animal models.

Pre-requisites: NSCI/PSYC 3300 or instructor approval.

credit hours: 3

NSCI 7980 Research

Research

credit hours: 1-6

NSCI 8000 Research

Research

credit hours: 3

NSCI 9980 Master's Research

Master's Research

credit hours: 3

NSCI 9990 Dissertation Research

Dissertation Research

credit hours: 3

NSCI H4990 Honors Thesis

Honors Thesis

Admission by department and Honors Committee approval. Registration is completed with the Neuroscience Program.

credit hours: 3

NSCI H5000 Honors Thesis

Honors Thesis

Admission by department and Honors Committee approval. Registration is completed with the Neuroscience Program.

credit hours: 3

ENGP 3370 Processing of Biomaterials

Processing of Biomaterials

Processing of biomaterials gives an overview of the most advanced techniques to process biomaterials into structures that satisfy next generation applications. All materials classes will be covered including polymers, ceramics, metals, composites and cells and tissues. In each case, the material-specific processing and the properties and potential applications will be covered.

credit hours: 3

ENGP 3950 Engineers for International Development

Engineers for International Development

Engineers for International Development at Tulane University exists for students to participate in community-driven development programs worldwide through the design and implementation of sustainable engineering projects, while fostering responsible leadership. We work both

internationally and locally to build and educate communities about their basic infrastructure systems such as drinking water, sanitation, and safe homes.

credit hours: 3

MPEN 6370 Processing of Biomaterials

Processing of Biomaterials

Processing of biomaterials gives an overview of the most advanced techniques to process biomaterials into structures that satisfy next generation applications. All materials classes will be covered including polymers, ceramics, metals, composites and cells and tissues. In each case, the material-specific processing and the properties and potential applications will be covered.

credit hours: 3

MPEN 6950 Engineers for International Development

Engineers for International Development

Engineers for International Development at Tulane University exists for students to participate in community-driven development programs worldwide through the design and implementation of sustainable engineering projects, while fostering responsible leadership. We work both internationally and locally to build and educate communities about their basic infrastructure systems such as drinking water, sanitation, and safe homes.

credit hours: 3

PHYS 1010 Great Ideas in Science and Technology

Great Ideas in Science and Technology

For non-scientists. Basic principles of science, applications and their relevance to our world. Typically includes astronomy, universe, Newtonian mechanics, energy and applications, symmetry in nature, order and disorder, electricity and applications, quantum mechanics, atoms and molecules, DNA, computer technology, and ethical issues. Laboratory.

credit hours: 4

PHYS 1050 Physics for Architects

Physics for Architects

A non-calculus course in classical physics stressing the fundamental physical laws and their application to architecture. Main topics include Newtonian mechanics with an emphasis on equilibrium applications, elasticity, fluids, and thermal processes. Credit not given for PHYS 1050 and PHYS 1210 or 1310. Does not count towards the B.S. Physics or B.S.E. Engineering Physics degrees.

credit hours: 3

PHYS 1210 Introductory Physics I

Introductory Physics I

A non-calculus course in classical physics stressing the fundamental physical laws. Newtonian mechanics, oscillations, and classical waves normally are treated in 1210. A weekly laboratory is included; the laboratory includes a review of techniques of problem solving, as well as experiments in classical physics. Not open for credit to students who have completed 1310. Does not count towards the B.S. Physics or B.S.E. Engineering Physics degrees.

credit hours: 4

PHYS 1220 Introductory Physics II

Introductory Physics II

A continuation of 1210. Electricity and magnetism, optics, and thermal phenomena. A weekly

laboratory is included. Not open for credit to students who have completed 1320. Does not count towards the B.S. Physics or B.S.E. Engineering Physics degrees.

credit hours: 4

PHYS 1310 General Physics I

General Physics I

Prior or concurrent study in calculus is required. A calculus-based course in classical physics designed primarily for physical science and engineering majors. Newtonian mechanics, oscillations, and classical wave motion are studied. Emphasis is on understanding basic principles and solving problems. A weekly laboratory is included. The laboratory includes a review of techniques for problem solving, as well as experiments in classical physics.

credit hours: 4

PHYS 1320 General Physics II

General Physics II

A continuation of 1310. Electricity and magnetism, optics, and topics in modern physics, including the quantum theory of the atom and special relativity. Weekly laboratory.

credit hours: 4

PHYS 2350 Modern Physics I

Modern Physics I

Quantitative treatment of important topics of 20th-century physics, focused on special relativity and introductory quantum physics. Planck's and de Broglie's hypotheses, photons, the Bohr model, introduction to wave mechanics, the hydrogen atom, spatial quantization, spin, exclusion principle, multi-electron atoms.

Pre-requisites: PHYS 1210 and 1220 or 1310 and 1320, MATH 1210 and 1220 or equivalent.

credit hours: 3

PHYS 2360 Modern Physics II

Modern Physics II

An overview of the major fields in modern physics. Quantum statistics. Diatomic molecules, electrons in metals, band theory of solids, superconductivity, properties of nuclei, radioactivity, nuclear reactions, interaction of particles with matter, elementary particles, the standard model and cosmology.

Pre-requisites: PHYS 2350.

credit hours: 3

PHYS 2910 Introduction to Physics Pedagogy

Introduction to Physics Pedagogy

Introduction to the theory and practice of teaching physics courses through workshops, observations and assisting teachers at local schools with lectures and/or classroom demonstrations.

Pre-requisites: PHYS 1210 and 1220 or 1310 and 1320.

credit hours: 1

PHYS 3010 Theoretical Physics

Theoretical Physics

An introduction to the methods of theoretical physics emphasizing modern mathematical techniques, numerical methods using computers, and computer algebra.

Pre-requisites: PHYS 2350 and 11 credits of mathematics, or approval of instructor.

credit hours: 3

PHYS 3050 Spectroscopy of Solids and Atoms

Spectroscopy of Solids and Atoms

This course deals with the interaction of photons with matter. Topics will include some of the ideas of quantum electrodynamics that form the basic underpinning of all forms of electromagnetic interactions with matter. Absorption, reflection, and scattering of radiation in the spectral region extending from the infrared to the x-ray region of the spectrum will be described and will include experimental methods used to study gases and condensed matter materials. Emphasis will be given to photoionization, autoionization, Raman, Compton, Bragg, and Rayleigh scattering, and how these phenomena are used to study the electronic properties of matter. Sources, including lasers and synchrotron radiation, and instrumentation for their use will be discussed.

Pre-requisites: PHYS 1310, 1320, 2350, 2360, or consent of instructor.

credit hours: 3

PHYS 3150 Introduction to Neutron Science

Introduction to Neutron Science

An introduction to the theory and applications of neutron scattering, neutron optics, neutron interferometry and neutron beta decay. This course explores the many uses of thermal and cold neutron beams to study condensed matter, nuclear, molecular and biological systems; test fundamental principles of quantum mechanics and advance the frontier of particle physics.

Pre-requisites: MATH 2210, MATH 2240 or equivalent; PHYS 2350-2360 or equivalent.

credit hours: 3

PHYS 3170 Computational Physics and Engineering

Computational Physics and Engineering

An introduction to the use of computational methods in physics and engineering. Writing computer code and using data visualization techniques to help solve experimental and theoretical problems. Data analysis and modeling, Monte Carlo simulations, numerical differentiation and integration, ordinary and partial differential equations, electrostatics nonlinear dynamics and chaos, fast Fourier transform, noisy signal processing, quantum spectra, thermodynamics.

Pre-requisites: PHYS 2350 and MATH 2210 or 2240.

credit hours: 3

PHYS 3210 Molecular Biophysics and Polymer Physics

Molecular Biophysics and Polymer Physics

An introduction to the physics of polymers and the physical bases underlying the biofunctionality of macromolecules in living systems. Themes of molecular self-organization, conformation, complementarity, and information content are emphasized and related to protein, lipid, and nucleic acid structure and processes. Introduction to scattering and other spectroscopic techniques.

Pre-requisites: PHYS 2350 or equivalent, CHEM 1070 or equivalent, and MATH 1220 or equivalent.

credit hours: 3

PHYS 3230 Quantum Information Science and Engineering

Quantum Information Science and Engineering

This survey course introduces students to the new world of quantum information, quantum communication, and quantum computing. The course is intended for advanced undergraduates and beginning graduate students in physics, engineering, and mathematics. Topics include: Quantum states, operators, and linear algebra; Bits and qubits; Ensembles and density operators; Unitary transformations; Gates and circuits; Information and entropy; POVM measurement; Multipartite systems; Bell inequality, Bell states, and non-locality; Measures of entanglement; Quantum communication and cryptography; Teleportation; Superdense coding; Quantum noise and error correction; Classical and quantum computational complexity; Quantum algorithms; Deutsch-Jozsa, Grover, Shor; DiVincenzo criteria; Physical realizations of quantum computers: trapped ions, solid state qubits; Quantum optics and quantum internet; Topological quantum computation; Quantum biology.

credit hours: 3

PHYS 3370 Processing of Biomaterials

Processing of Biomaterials

Processing of biomaterials gives an overview of the most advanced techniques to process biomaterials into structures that satisfy next generation applications. All materials classes will be covered including polymers, ceramics, metals, composites and cells and tissues. In each case, the material-specific processing and the properties and potential applications will be covered.

credit hours: 3

PHYS 3450 Elementary Particle Physics

Elementary Particle Physics

An introduction to modern elementary particle physics, with an emphasis on the Standard Model, its phenomenology, and dynamics. The Standard Model explains, in principle and with remarkable success, virtually all phenomena that are observed in nature except gravity. The course begins with a qualitative examination of the electromagnetic, strong, and weak interactions and an introduction to the elementary particles through the use of Feynman diagrams. This is followed by relativistic kinematics, the quantum theory of angular momentum and spin, discrete symmetries, and bound states of leptons and quarks, with a focus on the hadrons. Finally the Dirac equation, the Feynman calculus, and the mathematical tools needed to calculate basic decay lifetimes and cross sections involving the electromagnetic and weak interactions are developed and applied.

credit hours: 3

PHYS 3530 Advanced Laboratory

Advanced Laboratory

Advanced experiments in modern physics, particularly nuclear physics, emphasizing research techniques and analysis of data using computers.

Pre-requisites: PHYS 2350 or approval of instructor.

credit hours: 3

PHYS 3600 Nanoscience and Technology

Nanoscience and Technology

Nanoscience and technology is often branded the science of the 21st century. It has been promised that nanotechnology will have similar stimulating effects on the world's economy and society as the industrial-and microelectronics- revolution. Nanoscience is an interdisciplinary effort with the aim to manipulate and control matter at length scales down to single molecules and atoms and thus to create materials and devices with novel properties. With diminishing

dimensions material properties are being governed by quantum mechanics. The description and exploitation of quantum phenomena in novel devices is the quintessence of nanophysics. Consequently, the main emphasis of this course is to give an overview of the physics of low dimensional solid state systems. This course is supplementary to courses in solid state physics and surface science but can be taken independently.

Pre-requisites: PHYS 2350.

credit hours: 3

PHYS 3630 Electromagnetic Theory

Electromagnetic Theory

Electrostatic fields in a vacuum, dielectric materials, solutions to Laplace's and Poisson's equations, currents, magnetic fields, vector potentials, electromagnetic induction, relation to Special Relativity, Maxwell's equations, and the properties of classical electromagnetic waves.

Pre-requisites: PHYS 1310, 1320, and Mathematics 2210 or equivalent.

credit hours: 3

PHYS 3700 Electronic Properties of Materials

Electronic Properties of Materials

Quantum physics, electronics and energy bands in crystals, electronic transport in materials, photoconductivity, Hall effect, quantum Hall effect, superconductors and their applications, magnetic properties of material and their applications, thermal properties of materials and dielectric properties of materials.

Pre-requisites: PHYS 2350/2360 or instructor approval.

credit hours: 3

PHYS 3740 Classical Mechanics

Classical Mechanics

Newtonian mechanics, oscillations, central force motion, special theory of relativity, dynamics of rigid bodies, and the Lagrangian formulation of classical mechanics.

Pre-requisites: PHYS 1310, 1320, and MATH 2210.

credit hours: 3

PHYS 3800 PHYS/ENGP 3800 Colloquia (1)

PHYS/ENGP 3800 Colloquia (1)

A series of undergraduate and faculty seminars emphasizing topics and points of view not covered in the standard curriculum, but which are nonetheless important to the education of a physicist.

Notes: Required of all majors.

Pre-requisites: Junior standing or departmental approval.

credit hours: 1

PHYS 3880 Writing Practicum

Writing Practicum

Notes: Does not count toward Physics courses or electives for the Physics major.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 3

PHYS 3910 Special Topics in Physics

Special Topics in Physics

Special topics in physics depending upon faculty and student interest.

credit hours: 3

PHYS 4230 Thermal Physics

Thermal Physics

A study of the physical properties of matter where temperature is an important variable. The laws of thermodynamics, equations of state, thermodynamic potentials. Kinetic theory of gases.

Elementary statistical postulates. Ensembles, the partition function. Entropy, phase transitions.

Pre-requisites: PHYS 1210 and 1220, or 1310 and 1320.

credit hours: 3

PHYS 4470 Introductory Quantum Mechanics

Introductory Quantum Mechanics

The postulates of quantum mechanics, Schroedinger equation, operator methods, angular momentum, fermion and boson systems, and Heisenberg formulations, applications to simple physical systems.

Pre-requisites: PHYS 2350 and MATH 2210.

credit hours: 3

PHYS 4650 Optics

Optics

Geometrical, physical and quantum optics, with an emphasis on the classical electromagnetic aspects of optics pertaining to scattering, reflection, refraction, dispersion, polarization and interference. Applications to optical instruments, spectroscopy, interferometry, and Fourier optics.

Pre-requisites: PHYS 1210 and 1220, or 1310 and 1320, integral and differential calculus, PHYS 3630 recommended but not required.

credit hours: 3

PHYS 4880 Writing Intensive: ENGP 4310

Writing Intensive: ENGP 4310

credit hours: 3

PHYS 4910 Independent Studies

Independent Studies

Notes: Fulfills the capstone requirement for majors if student co-registers in PHYS 5110.

Pre-requisites: Approval of instructor and chair of department.

credit hours: 1-3

PHYS 4920 Independent Studies

Independent Studies

Notes: Fulfills the capstone requirement for majors if student co-registers in PHYS 5110.

Pre-requisites: Approval of instructor and chair of department.

credit hours: 1-3

PHYS 5110 Capstone

Capstone

credit hours: 0

PHYS 6010 Theoretical Physics I

Theoretical Physics I

Mathematical techniques used in theoretical physics. Topics include partial differential equations, orthogonal coordinate systems, separation of variables, introduction to ordinary differential equations, series solutions and convergence; Sturm Liouville theory, eigensystems and orthogonal functions; complex variables, Taylor and Laurent series, contour integration, integration by steepest descents, and conformal mappings.

Pre-requisites: Approval of instructor.

credit hours: 3

PHYS 6020 Theoretical Physics II

Theoretical Physics II

A continuation of Physics 6010. Calculus of variations, Rayleigh Ritz technique, Bessel and Legendre functions, Fourier series, Fourier and Laplace transforms, Green functions. An introduction to group theory and symmetry.

credit hours: 3

PHYS 6070 Astrophysics

Astrophysics

Fundamentals of stellar atmospheres and interiors: nuclear astrophysics, energy generation in stars, stellar evolution, nucleo-synthesis, and theories of supernovae. Gravitational collapse and properties of superdense stars. Galactic structure and evolution, elements of cosmology.

credit hours: 3

PHYS 6080 Surface Science

Surface Science

Introduction to current topics of surface and interface physics and applications. Methods and techniques of modern surface science, experimental requirements and applications. Concepts of two-dimensional physics and chemistry, properties of surfaces and model systems.

Pre-requisites: Approval of instructor.

credit hours: 3

PHYS 6150 Introduction to Neutron Science

Introduction to Neutron Science

An introduction to the theory and applications of neutron scattering, neutron optics, neutron interferometry and neutron beta decay. This course explores the many uses of thermal and cold neutron beams to study condensed matter, nuclear, molecular and biological systems; test fundamental principles of quantum mechanics and advance the frontier of particle physics.

Pre-requisites: MATH 2210, MATH 2240 or equivalent; PHYS 2350-2360 or equivalent.

credit hours: 3

PHYS 6170 Computational Physics and Engineering

Computational Physics and Engineering

An introduction to the use of computational methods in physics and engineering. Writing computer code and using data visualization techniques to help solve experimental and theoretical problems. Data analysis and modeling, Monte Carlo simulations, numerical differentiation and integration, ordinary and partial differential equations, electrostatic nonlinear dynamics and chaos, fast Fourier transform, noisy signal processing, quantum spectra, thermodynamics.

credit hours: 3

PHYS 6210 Molecular Biophysics and Polymer Physics

Molecular Biophysics and Polymer Physics

See PHYS 3210 for description.

credit hours: 3

PHYS 6230 Quantum Information Science and Engineering

Quantum Information Science and Engineering

This survey course introduces students to the new world of quantum information, quantum communication, and quantum computing. The course is intended for advanced undergraduates and beginning graduate students in physics, engineering, and mathematics. Topics include: Quantum states, operators, and linear algebra; Bits and qubits; Ensembles and density operators; Unitary transformations, Gates and circuits; Information and entropy; POVM measurement; Multipartite systems; Bell inequality; Bell states and non-locality; Measures of entanglement: Quantum communication and cryptography; Teleportation, Superdense coding; Quantum noise and error correction; Classical and quantum computational complexity; Quantum algorithms; Deutsch-Jozsa, Grover, Shor; DiVincenzo criteria; Physical realizations of quantum computers; trapped ions, solid state qubits; Quantum optics and quantum internet; Topological quantum computation; Quantum biology.

credit hours: 3

PHYS 6250 The Standard Model

The Standard Model

Unification of the strong, weak, and electro-magnetic interactions, based on the $U(1) \times SU(2) \times SU(3)$ gauge group. Introduction to quantum field theory and the Feynman rules. Gauge invariance and non-Abelian Gauge Theories. The Standard Model Lagrangian. Electroweak theory and quantum chromodynamics. Masses and the Higgs mechanism. W and Z boson widths and decay channels. Quarks, gluons, confinement, and jets. Mesons, baryons, and glueballs. The Higgs boson. Running coupling constants in QED and QCD. Quark mixing angles, CP violation, and KM matrix. Beyond the Standard Model: grand unification, supersymmetry, supergravity, and superstrings.

Pre-requisites: PHYS 4470.

credit hours: 3

PHYS 6300 General Relativity

General Relativity

Review of special relativity. Tensor analysis. Differential forms and manifolds. Geodesics and curvature two-forms. The metric tensor. The stress-energy tensor and the Einstein equations. The initial data problem. The Schwarzschild and Kerr solutions: classical black holes. Elementary relativistic cosmology. Generation and detection of gravitational waves. Experimental tests of general relativity: the PPN formalism. Global techniques and the Hawking-Penrose singularity theorems. Hawking radiation and the Bekenstein bound.

Pre-requisites: PHYS 6020 or PHYS 2350 and MATH 2210.

credit hours: 3

PHYS 6450 Elementary Particle Physics

Elementary Particle Physics

An introduction to modern elementary particle physics, with an emphasis on the Standard Model, its phenomenology, and dynamics. The Standard Model explains, in principle and with remarkable success, virtually all phenomena that are observed in nature except gravity. The course begins with a qualitative examination of the electromagnetic, strong, and weak

interactions and an introduction to the elementary particles through the use of Feynman diagrams. This is followed by relativistic kinematics, the quantum theory of angular momentum and spin, discrete symmetries, and bound states of leptons and quarks, with a focus on the hadrons. Finally the Dirac equation, the Feynman calculus, and the mathematical tools needed to calculate basic decay lifetimes and cross sections involving the electromagnetic and weak interactions are developed and applied.

credit hours: 3

PHYS 6600 Nanoscience and Technology

Nanoscience and Technology

Nanoscience and technology is often branded the science of the 21st century. It has been promised that nanotechnology will have similar stimulating effects on the world's economy and society as the industrial-and microelectronics- revolution. Nanoscience is an interdisciplinary effort with the aim to manipulate and control matter at length scales down to single molecules and atoms and thus to create materials and devices with novel properties. With diminishing dimensions material properties are being governed by quantum mechanics. The description and exploitation of quantum phenomena in novel devices is the quintessence of nanophysics. Consequently, the main emphasis of this course is to give an overview of the physics of low dimensional solid state systems. This course is supplementary to courses in solid state physics and surface science but can be taken independently.

credit hours: 3

PHYS 6700 Electronic Properties of Materials

Electronic Properties of Materials

Quantum physics, electronics and energy bands in crystals, electronic transport in materials, photoconductivity, Hall effect, quantum Hall effect, superconductors and their applications, magnetic properties of material and their applications, thermal properties of materials and dielectric properties of materials.

credit hours: 3

PHYS 6750 Modern Cosmology

Modern Cosmology

The Friedmann cosmological models: open, flat, and closed; matter and radiation dominated. The cosmological constant. Three degree blackbody radiation and its theoretical implications. Experimental tests in cosmology. Nucleosynthesis and galaxy formation. Anisotropic and inhomogeneous cosmologies: the Bianchi models, primarily Kasner and Type IX. GUTs in the very early universe: baryogenesis and phase transitions. Dark matter. Cosmic strings and magnetic monopoles. Inflationary models. Chaotic inflation. Future history and final state of the universe.

Pre-requistites: PHYS 4230, 6250, and 6300.

credit hours: 3

PHYS 7060 Theoretical Mechanics

Theoretical Mechanics

Advanced studies of theoretical mechanics. Lagrangian and Hamiltonian methods. Integrable and non-integrable problems.

Pre-requistites: Bachelor's degree in physics or permission of instructor.

credit hours: 3

PHYS 7100 Statistical Mechanics

Statistical Mechanics

Advanced studies of statistical mechanics. Probability theory, random walks, statistical ensembles, entropy, quantum statistical mechanics and applications.

Pre-requistites: Bachelor's degree in physics or permission of instructor.

credit hours: 3

PHYS 7130 Solid State Physics

Solid State Physics

Advanced studies of solid state physics. Properties of the solid state, semiconductors, novel systems, applications.

Pre-requistites: Bachelor's degree in physics or permission of instructor.

credit hours: 3

PHYS 7160 Atomic and Molecular Physics

Atomic and Molecular Physics

Advanced studies of atomic and molecular physics. The hydrogen, helium and many electron atoms. Diatomic and polyatomic molecules.

Pre-requistites: degree in physics or permission of instructor.

credit hours: 3

PHYS 7170 Quantum Mechanics I

Quantum Mechanics I

Advanced studies of quantum mechanics. Quantization, probability, quantum wave functions, quantum entanglement. Two, three and multi-level quantum systems and applications.

Pre-requistites: Bachelor's degree in physics or permission of instructor.

credit hours: 3

PHYS 7180 Quantum Mechanics II

Quantum Mechanics II

Continuation of PHYS 7170.

Pre-requistites: PHYS 7170.

credit hours: 3

PHYS 7230 Electromagnetic Theory I

Electromagnetic Theory I

Advanced studies of electromagnetic theory. Maxwell's equations and applications. Electric and magnetic fields and their properties. Applications.

Pre-requistites: Bachelor's degree in physics or permission of instructor.

credit hours: 3

PHYS 7240 Electromagnetic Theory II

Electromagnetic Theory II

Continuation of PHYS 7230.

Pre-requistites: PHYS 7230.

credit hours: 3

PHYS 7310 Advanced Special Problems I

Advanced Special Problems I

credit hours: 3

PHYS 7320 Advanced Special Problems II

Advanced Special Problems II

credit hours: 1-9

PHYS 7810 Seminar

Seminar

credit hours: 3

PHYS 7820 Seminar

Seminar

credit hours: 3

PHYS 7910 Research

Research

credit hours: 3

PHYS 7940 Research

Research

credit hours: 3

PHYS 9980 Master's Research

Master's Research

credit hours: 3

PHYS 9990 Dissertation Research

Dissertation Research

credit hours: 3

PHYS H4910 Independent Studies

Independent Studies

Notes: Fulfills the capstone requirement for majors if student co-registers in PHYS 5110.

Pre-requistites: Approval of instructor and chair of department.

credit hours: 3

PHYS H4920 Independent Studies

Independent Studies

Notes: Fulfills the capstone requirement for majors if student co-registers in PHYS 5110.

Pre-requistites: Approval of instructor and chair of department.

credit hours: 3

PHYS H4990 Honors Thesis

Honors Thesis

Notes: Open only to candidates for honors degrees with department approval.

credit hours: 3

PHYS H5000 Honors Thesis

Honors Thesis

Notes: Open only to candidates for honors degrees with department approval.

credit hours: 3

ENGP 1010 Introduction to the MakerSpace

Introduction to the MakerSpace

This course is intended to provide an understanding of the basic principles of prototyping tools, including modern rapid-prototyping tools such as 3d printer and CNC machining. The course will focus on practical application and a

credit hours: 3

ENGP 3720 Mechanical Behavior of Materials

Mechanical Behavior of Materials

The course covers the general foundations of elasticity and plasticity theory, dislocation theory, and strengthening mechanisms. Basics of materials forming processes are studied. An overview for non-destructive testing of materials is taught. The course emphasis is on destructive mechanical testing of materials including; tension, torsion, hardness, fatigue and creep tests, in addition to fracture mechanics and failure analysis.

Pre-requisites: ENGP 3120, ENGP 2430, MATH 2210

credit hours: 3

ENGP 3760 Thermodynamics of Materials

Thermodynamics of Materials

The course covers the general foundation of both statistical thermodynamics and classical thermodynamics, including thermodynamics laws, auxiliary functions, and behavior of gases and solutions. In addition, special attention is dedicated to equilibria of reactions and phase diagrams of materials. Computer-based programs will be used to solve thermodynamics problems for complicated materials.

Pre-requisites: ENGP 3120, MATH 2210

credit hours: 3

PSYC 1000 Introductory Psychology

Introductory Psychology

Fundamentals of contemporary psychology, including topics such as scientific methodology, heredity and behavior, principles of learning, physiological substrates of behavior, perception, social interaction, and mental health.

Co-requisites: PSYC 1001

credit hours: 3

PSYC 1001 Psychology Beyond the Classroom

Psychology Beyond the Classroom

The goal of this S/U course is to encourage students to learn more about how the scientific field of psychology operates in the real world by experiencing various aspects of the psychological research process.

Co-requisites: PSYC 1000

credit hours: 0

PSYC 1800 Special Topics in Psychology

Special Topics in Psychology

Various topics in psychology based on faculty and student interest.

credit hours: 1

PSYC 3010 Introduction to Personality

Introduction to Personality

An introductory survey of theories and measurement in personality.

Pre-requisites: PSYC 1000

credit hours: 3

PSYC 3090 Psychological Applications of Univariate Statistics I

Psychological Applications of Univariate Statistics I

Lectures and laboratory in design of experiments, psychological measurement, and deriving conclusions from experimental data.

Notes: This course is required for all majors and must complete prior to taking PSYC 3130 Experimental Psychology. This course does not satisfy the psychology laboratory requirement.

Pre-requisites: PSYC 1000 and sophomore status.

credit hours: 4

PSYC 3130 Experimental Psychology

Experimental Psychology

Lectures and laboratory in design of experiments, quasi-experimental designs, control of variables, scientific communication, and application of statistical procedures.

Notes: This course is required for all majors and should be completed prior to taking other psychology laboratory courses. This course does not satisfy the psychology laboratory requirement.

Pre-requisites: PSYC 3090.

credit hours: 4

PSYC 3180 Psychological Testing and Measurement

Psychological Testing and Measurement

A survey of the nature, extent, and measurement of individual differences. Practice is given in the administration, scoring, and interpretation of a variety of types of tests with particular emphasis on techniques in contemporary use.

Notes: Satisfies the psychology laboratory requirement.

Pre-requisites: PSYC 3130

credit hours: 4

PSYC 3200 Educational Psychology

Educational Psychology

Examines psychological principles applied to educational practices with special emphasis on development, learning theories, and contexts of learning. Its purpose is to help adults working with children to understand better the relationship between applied educational practices and psychological principles and research.

Pre-requisites: PSYC 1000

credit hours: 3

PSYC 3210 Child Psychology

Child Psychology

A survey of the concepts, principles, and major findings of research on human development.

Pre-requisites: PSYC 1000

credit hours: 3

PSYC 3230 Nursery School Observation

Nursery School Observation

For students in the coordinate psychology and early childhood education major

Notes: Lecture, one hour; laboratory, two hours. Students must reserve weekly two one-hour

periods between 9 a.m. and noon or 1 and 4 p.m. for nursery school observation. This course does not satisfy the laboratory requirement for the psychology major.

Pre-requisites: PSYC 3210.

credit hours: 3

PSYC 3240 Urban Child Development

Urban Child Development

A survey of psychological theories and recent research concerning the lives of city children, focusing on what theory and research tell us about how aspects of the urban environment affect children's academic, social, and personal development. Students must take either the writing practicum course or the service learning course but not both.

Pre-requisites: PSYC 3210.

Co-requisites: PSYC 3880 or PSYC 3890.

credit hours: 3

PSYC 3250 The Psychology of Early Childhood

The Psychology of Early Childhood

An investigation of educational programs for young children and/or parents of young children based on cognitive developmental theory, learning theory, and others. Curriculum development and the evaluation of program effectiveness are discussed.

Pre-requisites: PSYC 1000

credit hours: 3

PSYC 3260 Infancy

Infancy

The cognitive, perceptual, and social development of the human infant are reviewed. Research findings and methods are emphasized.

Pre-requisites: PSYC 3210.

credit hours: 3

PSYC 3300 Brain and Behavior

Brain and Behavior

Lectures cover the function and structure of the nervous system and the role of brain activity in the regulation of behavior. This course provides psychology majors with a first exposure to the biological bases of behavior and is not recommended for students who have taken other courses in this area of study.

Notes: Same as NSC 3300

Pre-requisites: PSYC 1000

credit hours: 3

PSYC 3310 Introduction to African-American Psychology

Introduction to African-American Psychology

A study of a wide range of topics relating to psychology generally, and African Americans specifically. Topics include personality, education, psychological assessment, racism, psychology in communities, and research.

Pre-requisites: PSYC 1000

credit hours: 3

PSYC 3330 Abnormal Psychology

Abnormal Psychology

An introduction to the psychological aspects of the behavior disorders.

Pre-requisites: PSYC 1000 and sophomore standing.

credit hours: 3

PSYC 3340 Developmental Psychopathology

Developmental Psychopathology

PSYC 3340 is a course intended to provide a basic familiarity with the major forms of psychopathology and behavioral disorders. This familiarity includes knowledge of the etiology, developmental course, and prognosis of major psychological disorders affecting children and adolescents. Students will increase their knowledge on the application of information gained from the study of psychological disorders to the diagnosis, treatment and study of disorders and psychological problems found in children and adolescents.

Pre-requisites: PSYC 1000

Co-requisites: PSYC 3890.

credit hours: 3

PSYC 3350 Nursery School Principles

Nursery School Principles

A study of the basic principles involved in guiding the behavior of preschool children.

Notes: Students should apply to instructor at least one semester in advance. Lecture, two hours; laboratory, six hours. Students must reserve six hours a week between 9 a.m. and noon or 1 and 4 p.m. for work in the nursery school. This course does not satisfy the laboratory requirement for the psychology major.

Pre-requisites: PSYC 3230 or approval of instructor.

credit hours: 3

PSYC 3390 Adolescent Psychology

Adolescent Psychology

A study of development through the adolescent years. Emphasis is on cognitive, social, physical, moral, sexual, and political development.

Pre-requisites: PSYC 1000

credit hours: 3

PSYC 3430 Introduction to Social Psychology

Introduction to Social Psychology

The individual in a social context: the nature and measurement of attitudes, social perception, interpersonal and intergroup relations.

Pre-requisites: 1000

credit hours: 3

PSYC 3440 Experimental Social Psychology

Experimental Social Psychology

Laboratory and field experiments in interpersonal relations, social roles, and attitude change.

Notes: Satisfies the psychology laboratory requirement.

Pre-requisites: PSYC 3090 and 3430 or approval of instructor.

credit hours: 4

PSYC 3450 Positive Psychology

Positive Psychology

This upper-level seminar in which the content and application of positive psychology will be

discussed, including the topics of well-being, happiness, health, and strengths.

Pre-requisites: PSYC 3430.

credit hours: 3

PSYC 3460 The Self in Social Psychology

The Self in Social Psychology

This is an upper level honors seminar in which we will explore the large body of theory and research focused on understanding the nature and function of the self from a social psychological perspective, including topics such as self-awareness, self-esteem, and neural correlates of self-related processes.

Pre-requisites: PSYC 3430.

credit hours: 3

PSYC 3680 Comparative Animal Behavior

Comparative Animal Behavior

A lecture course to introduce the types of questions asked by animal behaviorists, theoretical disciplines posing those questions, and recent research in behavior as related to the environment, social behavior, and reproduction.

Notes: Designed for PSYC and EEB majors.

Pre-requisites: PSYC 1000 or EBIO 1010.

credit hours: 3

PSYC 3700 Evolution and Psychology

Evolution and Psychology

Lecture course exploring human behavior and cognition from an evolutionary perspective. Topics include evolutionary mechanisms, history of evolution in psychology, and the adaptive nature of sensory processes, language, social behaviors, reproduction and psychopathology.

Pre-requisites: PSYC 1000 or EBIO 1010.

credit hours: 3

PSYC 3770 Sensation and Perception

Sensation and Perception

Sensation and Perception provides an appreciation for the different senses and the psychological phenomena associated with each sense. Discussions include the major theories, experimental methods, and findings associated with each of the sensory systems. Emphasis is placed on understanding sensory functions from an evolutionary perspective.

Pre-requisites: PSYC/NSCI 3300.

credit hours: 3

PSYC 3775 Sensation and Perception Laboratory

Sensation and Perception Laboratory

Sensation and Perception lab is a course that provides the student with hands on activities in order to gain a deeper understanding for the different senses and the methods used to study psychological phenomena associated with each sense.

Notes: Satisfies the psychology laboratory requirement.

Pre-requisites: PSYC 3130 and PSYC/NSCI 3300.

credit hours: 1

PSYC 3800 Special Topics in Psychology

Special Topics in Psychology

Various topics in psychology based on faculty and student interest.

credit hours: 3

PSYC 3805 Laboratory for Special Topics in Psychology

Laboratory for Special Topics in Psychology

Taken concurrently with PSYC 3800 special topics, PSYC 3805 will include the basic elements of research design, the methodologies particular to the topic area, and writing research reports in the style of the American Psychological Association.

Notes: Satisfies the psychology laboratory requirement.

Pre-requisites: Permission of instructor.

Co-requisites: PSYC 3800.

credit hours: 1

PSYC 3810 Special Topics in Psychology

Special Topics in Psychology

Various topics in psychology based on faculty and student interest.

credit hours: 3

PSYC 3815 Laboratory for Special Topics in Psychology

Laboratory for Special Topics in Psychology

Taken concurrently with PSYCH 3810 special topics, PSYC 3815 will include the basic elements of research design, the methodologies particular to the topic area, and writing research reports in the style of the American Psychological Association. Note: Satisfies, in part, the psychology laboratory requirement.

Notes: Satisfies the psychology laboratory requirement.

Pre-requisites: Permission of instructor.

Co-requisites: PSYC 3810.

credit hours: 1

PSYC 3880 Writing Practicum

Writing Practicum

Notes: Fulfills the college intensive-writing requirement.

Pre-requisites: Successful completion of the First-Year Writing Requirement.

Co-requisites: Three-credit departmental course.

credit hours: 1

PSYC 3890 Service Learning

Service Learning

Students complete a service activity in the community in conjunction with the content of the corequisite course.

credit hours: 0

PSYC 4060 Behavioral Endocrinology

Behavioral Endocrinology

An introduction to the roles of steroid and peptide hormones in physiology and behavior.

Lectures focus on the hormonal mechanisms that control reproductive and regulatory functions in human and infrahuman species.

Pre-requisites: PSYC 3300 or approval of instructor.

credit hours: 3

PSYC 4065 Behavioral Endocrinology Laboratory

Behavioral Endocrinology Laboratory

Laboratories provide demonstration and hands-on experience in research methods used in contemporary behavioral endocrinology including hormonal manipulation, behavioral measurement, data analysis, and manuscript preparation.

Notes: Satisfies psychology laboratory requirement. Satisfies college laboratory requirement.

Pre-requisites: PSYC 3130

Co-requisites: PSYC 4060.

credit hours: 1

PSYC 4070 Drugs and Behavior

Drugs and Behavior

An introduction to the effects of psychoactive drugs on behavior and the nervous system. Intended for students majoring in Psychology. Not open to students who have taken or are taking or plan to take Psychopharmacology (PSYC/NSCI 4530 or 6530).

Pre-requisites: PSYC/NSCI 3300 or approval of instructor.

credit hours: 3

PSYC 4075 Drugs and Behavior Lab

Drugs and Behavior Lab

Optional laboratory that fulfills laboratory requirement for Psychology majors. Does not fulfill the writing intensive requirement.

Pre-requisites: PSYC 3130

Co-requisites: PSYC 4070.

credit hours: 1

PSYC 4180 History and Systems of Psychology

History and Systems of Psychology

A survey of the roots of contemporary psychology. Students then identify an interest area, trace its historical roots, and present their work in class.

Pre-requisites: Senior standing and approval of instructor.

credit hours: 3

PSYC 4330 Neurobiology of Learning and Memory

Neurobiology of Learning and Memory

An introduction to the study of the neural mechanisms involved in learning and memory. The course will involve detailed study of the memory systems of the brain as well as historical trends, theoretical perspectives and empirical findings that are associated with the neurobiology of learning and memory.

Pre-requisites: PSYC 3300 or approval of instructor.

credit hours: 3

PSYC 4333 Neurobiology of Learning and Memory

Neurobiology of Learning and Memory

An introduction to the study of the neural mechanisms involved in learning and memory. The course will involve detailed study of the memory systems of the brain as well as historical trends, theoretical perspectives and empirical findings that are associated with the neurobiology of learning and memory.

Pre-requisites: Pre-requisite: PSYC 3300 or approval of instructor.

credit hours: 3

PSYC 4380 Cognitive Neuroscience

Cognitive Neuroscience

An introduction to the study of human behavior and cognition using neuroscience methods. This course will examine the neural basis of perception, attention, memory, language, motor control, and emotions.

Pre-requisites: PSYC 3300.

credit hours: 3

PSYC 4385 Cognitive Neuroscience Lab

Cognitive Neuroscience Lab

A laboratory course in which students will be introduced to the methods of cognitive neuroscience, including neural networks, event-related potentials, and functional magnetic resonance imaging. Students will design and carry out simple cognitive experiments to examine issues of hemispheric laterality.

Notes: Satisfies the psychology laboratory requirement. Satisfies college laboratory requirement.

Pre-requisites: PSYC 3130 and PSYC 3300 or approval of instructor.

Co-requisites: PSYC 4380.

credit hours: 1

PSYC 4430 Applied Social Psychology

Applied Social Psychology

Applies the theories and methodology of social psychology to areas such as the legal system, sports psychology, violence against women, the media, health psychology, and political psychology.

Pre-requisites: PSYC 3090, 3430, and junior standing.

credit hours: 3

PSYC 4450 Intergroup Relations and Culture: Perspectives from New Orleans to Australia

Intergroup Relations and Culture: Perspectives from New Orleans to Australia

This course is part a summer service learning program in Sydney, Australia learning about issues of intergroup relations and cultural diversity as applied to this region. This service learning course and addition to classroom time, 20 hours of time will be spent on service learning projects in the Sydney area.

credit hours: 3

PSYC 4510 Biological Psychology

Biological Psychology

Survey of biological psychology with an emphasis on neuroanatomy and research methods used to study mechanisms of learning and memory, mental disorders, emotion, stress, and other psychological phenomena.

Pre-requisites: PSYC 3300 or approval of instructor.

credit hours: 3

PSYC 4512 Memory Systems of the Brain

Memory Systems of the Brain

In this writing-intensive Honors Seminar, students read and discuss empirical and theoretical works on neural systems specialized for memory, with emphasis on interactions among systems. Writing assignments include experimental proposals and reviews.

Notes: Same as NSCI 4512

Pre-requisites: NSCI/PSYC 3300 or approval of instructor.

credit hours: 3

PSYC 4515 Biological Psychology Laboratory

Biological Psychology Laboratory

A laboratory course providing training in behavioral and neurobiological methods, experimental design, data collection and analysis and preparation of research reports. Fulfills the writing intensive requirement.

Notes: Satisfies the psychology laboratory requirement. Fulfills college laboratory and writing requirements.

Pre-requisites: PSYC 3130.

Co-requisites: PSYC 4510.

credit hours: 1

PSYC 4560 Internship in Psychology

Internship in Psychology

Students will complete 70 hours of service in a community setting in which they will use the knowledge of psychology to complete a project or paper of benefit to the community site.

Pre-requisites: Psychology major, junior or senior standing, GPA of 3.00 or higher, completed application to Center for Public Service.

credit hours: 3

PSYC 4570 Internship in Psychology

Internship in Psychology

Students will complete 70 hours of service in a community setting in which they will use the knowledge of psychology to complete a project or paper of benefit to the community site.

Pre-requisites: Psychology major, junior or senior standing, GPA of 3.00 or higher, completed application to Center for Public Service.

credit hours: 3

PSYC 4610 Black Youth: Developmental Psychology Perspectives

Black Youth: Developmental Psychology Perspectives

A study of major research findings with African-American children and adolescents. The course includes a participant-observer experience in the applied setting (e.g., school, group home).

Intensive writing required.

Pre-requisites: PSYC 3210 or 3390.

Co-requisites: PSYC 3880.

credit hours: 3

PSYC 4670/6670 Clinical Neuropsychological Assessment

Clinical Neuropsychological Assessment

The primary purpose of this course is to provide an introduction to the study of clinical neuropsychology. The course will begin by presenting an overview of brain structures and functions. It then will cover conditions that are due to some malfunction in the central or peripheral nervous system. Specifically, this course will (1) survey current neuropsychological knowledge as it pertains to normal function and to both neuropathological and psychopathological conditions (2) present a developmental perspective about neuropsychological factors in pathological conditions and (3) familiarize students with primary

research literature in an area of personal interest.

Pre-requisites: PSYC 3330 and PSYC/NSCI 3300 and Junior or Senior standing.

credit hours: 3

PSYC 4720 Seminar in Evolutionary Psychology

Seminar in Evolutionary Psychology

Discussion of the evolution of human behavior and cognition. Topics include comparative cognition and social behavior, and human cognition and language, reproductive behavior and psychopathology. Each student writes a paper and presents it in class.

Pre-requisites: PSYC 3700 and approval of instructor.

credit hours: 3

PSYC 4800 Special Topics in Psychology with Laboratory

Special Topics in Psychology with Laboratory

A special topics course in psychology with a laboratory component. The particular topic will be based on faculty and student interest. The course will include the basic elements of research design, the methodologies particular to the topic area, and writing research reports in the style of the American Psychological Association.

Notes: Satisfies the psychology laboratory requirement.

Pre-requisites: PSYC 3090.

credit hours: 3

PSYC 4810 Independent Project Laboratory

Independent Project Laboratory

For individual research project done with a department faculty member. Generally includes hypothesis generation, design, consideration of ethical issues, data gathering, inferential analysis and the writing of work in acceptable scientific (APA) format.

Notes: Satisfies the psychology laboratory requirement.

credit hours: 4

PSYC 4820 Independent Project Laboratory

Independent Project Laboratory

For individual research project done with a department faculty member. Generally includes hypothesis generation, design, consideration of ethical issues, data gathering, inferential analysis and the writing of work in acceptable scientific (APA) format.

Notes: Satisfies the psychology laboratory requirement.

credit hours: 4

PSYC 4910 Independent Studies

Independent Studies

Notes: By approval of faculty member.

credit hours: 1-3

PSYC 4920 Independent Studies

Independent Studies

Notes: By approval of faculty member.

credit hours: 1-3

PSYC 5010P Senior Capstone Lecture

Senior Capstone Lecture

Lecture course in which several faculty members present a concentrated and integrated overview of theoretical issues in the diversity of disciplines in psychology (social, biological, developmental, application). Students complete a comprehensive exam and a capstone project. The project would generally be a historical treatment or theoretical integration and not an empirical study. One faculty member is responsible for coordinating the course and would serve as sponsor. With successful completion of exams and an integrative theoretical/historical project, the student will fulfill the Newcomb-Tulane College capstone requirement.

credit hours: 3

PSYC 5020P Senior Capstone Lecture

Senior Capstone Lecture

Lecture course in which several faculty members present a concentrated and integrated overview of theoretical issues in the diversity of disciplines in psychology (social, biological, developmental, application). Students complete a comprehensive exam and a capstone project. The project would generally be a historical treatment or theoretical integration and not an empirical study. One faculty member is responsible for coordinating the course and would serve as sponsor. With successful completion of exams and an integrative theoretical/historical project, the student will fulfill the Newcomb-Tulane College capstone requirement.

credit hours: 3

PSYC 5030P Senior Capstone Special Topics

Senior Capstone Special Topics

Prerequisite senior standing and major in psychology. This lecture/seminar course is offered by a single member of the psychology department and represents a concentrated and integrated overview of a particular problem or area in psychology. The focus could be on social, biological, developmental or applied aspects of psychology. With successful completion of exams and an integrative theoretical/historical project, the student will fulfill the Newcomb-Tulane College capstone requirement.

credit hours: 3

PSYC 5040P Senior Capstone Topics

Senior Capstone Topics

credit hours: 3

PSYC 6060 Behavioral Endocrinology

Behavioral Endocrinology

An introduction to the roles of steroid and peptide hormones in physiology and behavior. Lectures focus on the hormonal mechanisms that control reproductive and regulatory functions in human and infrahuman species.

Pre-requisites: PSYC 3300 or approval of instructor.

credit hours: 3

PSYC 6065 Behavioral Endocrinology Laboratory

Behavioral Endocrinology Laboratory

Laboratories provide demonstration and hands-on experience in research methods used in contemporary behavioral endocrinology including hormonal manipulation, behavioral measurement, data analysis, and manuscript preparation.

Notes: Satisfies, in part, psychology laboratory requirement. Satisfies college laboratory requirement. (Same as NSCI 4065)

Pre-requisites: PSYC 3090.

Co-requisites: PSYC 6060.

credit hours: 1

PSYC 6090 Univariate I

Univariate I

An introductory course covering a variety of statistical procedures commonly used in Psychology research. Course topics include descriptive statistics and significance testing as well as detailed instruction on various statistical tests. Students learn to conduct each type of analysis both by hand and using statistical analysis software (SPSS).

credit hours: 3

PSYC 6110 Psychological Applications of Univariate Statistics II

Psychological Applications of Univariate Statistics II

An intermediate-level course in statistics designed to meet the needs of beginning graduate students and those undergraduate students who plan to undertake graduate work in psychology. Emphasis is placed upon design of experiments and interpretation of research results.

Pre-requisites: PSYC 6090 and approval of instructor.

credit hours: 3

PSYC 6130 Psychological Applications of Multivariate Statistics

Psychological Applications of Multivariate Statistics

Design and analysis of experiments in the behavioral sciences involving multiple predictor and criterion variables. Extensive use is made of Tulane computer facilities but no programming knowledge is required.

Pre-requisites: Approval of instructor.

credit hours: 3

PSYC 6180 History and Systems of Psychology

History and Systems of Psychology

A survey of the roots of contemporary psychology. Students then identify an interest area, trace its historical roots, and present their work in class.

Pre-requisites: Senior standing and approval of instructor.

credit hours: 3

PSYC 6330 Neurobiology of Learning and Memory

Neurobiology of Learning and Memory

An introduction to the study of the neural mechanisms involved in learning and memory. The course will involve detailed study of the memory systems of the brain as well as historical trends, theoretical perspectives and empirical findings that are associated with the neurobiology of learning and memory.

Pre-requisites: PSYC 3300 or approval of instructor.

credit hours: 3

PSYC 6380 Cognitive Neuroscience

Cognitive Neuroscience

An introduction to the study of human behavior and cognition using neuroscience methods. This course will examine the neural basis of perception, attention, memory, language, motor control, and emotions.

Pre-requisites: PSYC 3300.

credit hours: 3

PSYC 6385 Cognitive Neuroscience Laboratory

Cognitive Neuroscience Laboratory

A laboratory course in which students will be introduced to the methods of cognitive neuroscience, including neural networks, event-related potentials, and functional magnetic resonance imaging. Students will design and carry out simple cognitive experiments to examine issues of hemispheric laterality.

Notes: Satisfies psychology laboratory requirement. Satisfies college laboratory requirement.

Pre-requisites: PSYC 3300 and PSYC 3130 or approval of instructor.

Co-requisites: PSYC 6380.

credit hours: 1

PSYC 6590 Stress and Trauma

Stress and Trauma

This course provides an overview of the psychobiological bases of stress and trauma reactions and related psychological disorders.

Pre-requisites: PSYC 3090, 3300, and PSYC 3330 or 3340.

credit hours: 3

PSYC 6610 Advanced Studies in Psychology

Advanced Studies in Psychology

By arrangement with department.

credit hours: 1-3

PSYC 6620 Advanced Studies in Psychology

Advanced Studies in Psychology

By arrangement with department.

credit hours: 1-3

PSYC 6650 Advanced Studies in Cognition, Human Learning, and Memory

Advanced Studies in Cognition, Human Learning, and Memory

Approval of instructor. Considered are advanced theoretical and empirical works and new developments in cognition, human verbal and motor learning, and retention processes. Research is pursued in depth to optimize student comprehension of such issues as encoding, transformation, storage, retention, retrieval, utilization, and interpretation of stimulus information by human subjects.

credit hours: 3

PSYC 6660 Advanced Studies in Developmental Psychology

Advanced Studies in Developmental Psychology

Students are provided with the opportunity to engage in directed research and specialized study in developmental psychology. Recent advances in such areas as memory, social cognition, sex-roles, cognitive development, social development, and motivation are explored.

Pre-requisites: PSYC 3090, or instructor's approval plus either 3210 or 3390.

credit hours: 3

PSYC 6680 Advanced Studies in Personality and Social Psychology

Advanced Studies in Personality and Social Psychology

Students examine one or a few specific areas in personality and social psychology. Topics such

as attribution, impression, information, sex roles, and personality variables in social behavior are related to the dynamics of inter- and intrapersonal behavior.

Pre-requisites: Approval of instructor.

credit hours: 3

PSYC 6690 Advanced Studies in Psychobiology

Advanced Studies in Psychobiology

Advanced theoretical and empirical work in physiological mechanisms of behavior, neuroendocrinology, sensory processes, animal learning, or comparative animal behavior are explored.

Pre-requisites: Approval of instructor.

credit hours: 3

PSYC 6800 Special topics in Psychology

Special topics in Psychology

Advanced topics based on faculty and student interest.

credit hours: 3

PSYC 7000 Social Psychology

Social Psychology

This seminar style course will cover the major theoretical traditions and content areas in the field of social psychology.

credit hours: 3

PSYC 7010 Personality

Personality

A survey of the major theories and approaches to the psychology of personality and individual differences.

credit hours: 3

PSYC 7020 Developmental Psychology

Developmental Psychology

The aims of this course are to review the theoretical, conceptual, and methodological bases of developmental psychology in perception, cognition, language and social behavior, and to consider recent research on the development of the child in these respects. Four substantive areas will be emphasized-perceptual, cognitive, language and socio-emotional development.

credit hours: 3

PSYC 7030 Cognitive Neuroscience Graduate Seminar

Cognitive Neuroscience Graduate Seminar

The class is designed to have a balanced approach to issues in cognitive psychology, neuroscience, and the relations between cognitive psychology and neuroscience. Topics include the neural basis of perception, attention, memory, language, and executive function. We will also study how these processes change during normal development and in various neurological disorders. Critical thinking, problem solving skills, and use of the scientific method will be emphasized during class meetings.

credit hours: 3

PSYC 7040 Evolutionary Models of Psychology

Evolutionary Models of Psychology

An exploration of human behavior and cognition from an evolutionary perspective, including such topics as the adaptive nature of sensory processes, social groups, attraction, and language.

credit hours: 3

PSYC 7070 Cognitive Psychology

Cognitive Psychology

The class is designed to cover the main areas of cognitive psychology using historical and contemporary reading. Topics include perception, attention, memory, language, problem solving, and consciousness. We will also study how these processes change during normal development. Critical thinking, problem solving skills, and use of the scientific method will be emphasized.

credit hours: 3

PSYC 7080 Sensory and Motor Systems

Sensory and Motor Systems

This class is an in-depth study of sensory and motor systems, and is based on the behavioral and neuroscience literatures. Topics include the main sensory (vision, hearing, somatosensation) and motor systems in mammals. Specialized exotic sensory systems in mammals and insects will also be covered. Related topics include speech perception and production, spatial cognition, and applications such as neural prosthetics and brain-computer interfaces. Critical thinking, problem solving skills, and use of the scientific method will be emphasized.

credit hours: 3

PSYC 7090 Physiological Psychology

Physiological Psychology

An introduction to the study of the biology of behavior. The course will cover anatomy and physiology of the nervous system as well as examination of the relationship between the brain and behavior.

credit hours: 3

PSYC 7100 Psychopharmacology

Psychopharmacology

Seminar on psychoactive agents on the nervous system. Emphasis on the mechanisms by which drugs regulate neurotransmitter systems to alter psychological and physical states. Open to graduate students.

credit hours: 3

PSYC 7150 Advanced Adolescent Psychology

Advanced Adolescent Psychology

This course examines salient issues concerning adolescent development. The focus is on adolescent development as influenced by diverse contexts. Particular attention is given to the challenges and strengths associated with typical adolescent development issues such as puberty, physical development, adolescent cognition, and socioemotional development.

credit hours: 3

PSYC 7160 Children of Color

Children of Color

The major objectives of the course are to integrate issues of culture, race, and ethnicity with basic issues of developmental psychology research and interventions. The course exposes students to

best practices for conducting research with children and adolescents of color.

credit hours: 3

PSYC 7170 Intergroup Relations

Intergroup Relations

The aim of this course is to give students an overview of intergroup relations theory and research. Students in this course will become acquainted with the various theoretical problems and perspectives that have been developed in order to understand the development, maintenance, and reduction of conflict between social groups. In particular, this course examines: (1) the major psychological approaches to prejudice and intergroup relations, (2) how group identities and group attitudes become linked the self, (3) the link between human cognition and stereotyping, (4) psychological factors underlying discrimination and group hierarchy, and (5) the practical problem of reducing prejudice. Open to graduate students only.

credit hours: 3

PSYC 7180 Social Identity

Social Identity

Social identity is the part of our identity that we derive for our membership in groups (e.g., gender, race, etc.). A primary goal of this course is to introduce you to the theories, research methods, and empirical findings of the social identity literature. Open to graduate students only.

Pre-requisites: PSYC 7000 (Social Psychology).

credit hours: 3

PSYC 7200 Advanced Social Psychology

Advanced Social Psychology

credit hours: 3

PSYC 7230 Professional Issues

Professional Issues

Addresses ethical issues in psychology, the research process, and professional skills.

credit hours: 1

PSYC 7240 College Teaching Pedagogy

College Teaching Pedagogy

The objective of Teaching Pedagogy is to provide a structured learning experience for doctoral students in Psychology and Neuroscience to facilitate their preparation to teach at the collegiate level and to increase their competitiveness on the job market. The course focuses on strategies and techniques to teach undergraduate and graduate courses in Psychology and Neuroscience.

credit hours: 3

PSYC 7241 College Teaching Practicum

College Teaching Practicum

College Teaching Practicum allows doctoral students in Psychology and Neuroscience to design, prepare, and team-teach a section of an undergraduate course in their areas of expertise. Students receive supervision and mentoring based on classroom observations by Dr. Dohanich and other faculty members. Each student enrolled in the course teaches approximately 25% of an undergraduate course. Final grades are based on the effectiveness of teaching as evaluated by Dr. Dohanich using the attached rubric provided the CELT Peer Observation Program. The College Teaching Pedagogy course (PSYC/NSCI 7240) is the mandatory pre-requisite course for College Teaching Practicum.

Co-requisites: PSYC 7240

credit hours: 1-4

PSYC 7390 Infancy

Infancy

The cognitive, perceptual, and social development of the human infant are reviewed. Research findings and methods are emphasized.

credit hours: 3

PSYC 7400 Developmental Psychopathology

Developmental Psychopathology

This graduate seminar is designed with three major goals in mind. The first is to provide a basic familiarity with the major forms of psychopathology and behavioral disorders. The second goal is to help students think critically about the current state of empirical support for assumptions underlying concepts of psychological disorders. A third goal is to help students apply information gained from the study of psychological disorders to the diagnosis, treatment and study of disorders and psychological problems found in children and adolescents.

credit hours: 3

PSYC 7430 Crisis and Trauma Interventions in Schools

Crisis and Trauma Interventions in Schools

A broad overview of the emerging field of culture and cognition. Topics include the questions of how and why the cognitive capacity for culture evolved, how culture shapes psychological processes, and why specific cultural differences develop and persist.

credit hours: 3

PSYC 7490 Advanced Seminars

Advanced Seminars

Advanced seminars based on faculty and student interest

credit hours: 3

PSYC 7510 Advanced Research Projects

Advanced Research Projects

credit hours: 1-3

PSYC 7520 Advanced Research Projects

Advanced Research Projects

credit hours: 1-3

PSYC 7590 Neurobiology of Stress Disorders

Neurobiology of Stress Disorders

Pre-requisites: NSCI/PSYC 3300 or instructor approval. A team-taught graduate course about the phenomenon and mechanisms of the stress response

credit hours: 3

PSYC 7600 Children and the Law: Systems Intervention

Children and the Law: Systems Intervention

credit hours: 3

PSYC 7610 Psychological Assessment I

Psychological Assessment I

This course is the first in a two-semester sequence covering psychological assessment.

Consistent with the view of psychological assessment as a dynamic and inherently therapeutic process, students learn to collect test data that provide an integrated view of a human being, with contextual, developmental and historical data, subjective experiences, presenting concerns, signs and symptoms, observational data, and information provided from multiple informants. Information is integrated to provide an understanding of the person evaluated in order to answer referral questions and develop interventions and/or therapeutic plans. Topics include the history of cognitive assessment, theories of intelligence and current issues affecting the field of cognitive assessment. Instruction includes foundational skills for administration, scoring, and interpretation of commonly used cognitive assessment instruments, interviewing skills, assessment of academic functioning, and report writing. Volunteer clients provide opportunities for practicing skills. Adherence to standardized test administration, and practice consistent with professional ethical principles and codes of conduct are emphasized throughout the course. In addition, client strengths and needs are embedded in an appreciation of diversity relevant to cognitive assessment and education. Students are taught to use self-reflection to understand their own performance and understand their contributions to the processes of conducting effective evaluations.

credit hours: 3

PSYC 7620 Psycho-Educational Assessment II

Psycho-Educational Assessment II

This the second in the two course sequence covering the basics of psychological assessment of children and youth. This course builds on competencies from 7610 and covers assessment of a range of domains of functioning, including socio-emotional functioning. The focus in this course is on building skills needed to conduct comprehensive school-based evaluations, but content is applicable to assessment of children and youth in clinical settings. Assessment is one of many roles in which psychologists practice as data-based decision makers. Assessment responsibilities demand accountability at a high level of accuracy and competencies need to be highly developed. This course explores the basis of the evaluation process grounded in the ecological developmental perspective, and assumes the evaluation of children and youth yields a “snapshot” of a developing human being. The resulting profile of skills is useful for planning interventions or treatment to promote improved functioning and enhance development. The course includes a practicum component to allow application and supervised practice as students apply the content of the course. Students work with school-aged students to complete two full case evaluations during the semester, write integrated reports and meet with parents and school personnel to report findings.

credit hours: 3

PSYC 7630 Behavioral and Cognitive Behavioral Intervention

Behavioral and Cognitive Behavioral Intervention

This course will provide students with the theoretical and technical foundation necessary to implement behavioral and cognitive behavioral interventions in schools and other settings serving children and adolescents. The course will be equally split between a) behavioral assessment and intervention and b) assessment and intervention in the context of cognitive behavioral therapy. Assessment, case conceptualization, and treatment planning, with attention to treatment fidelity and multicultural competence, will be emphasized throughout. Lastly, students will be expected to critically evaluate behavioral and cognitive behavioral approaches within efficacy, effectiveness, and dissemination and implementation frameworks.

credit hours: 3

PSYC 7640 Family-School Intervention

Family-School Intervention

A theory and clinical skills course taught through a combination of reading, discussions and videos and application of theory to clinical practice through role plays. The course is intended to familiarize students with family intervention theories, applications, and specific strategies they can use in working with families within the contexts of schools and public mental health settings. The course is intended to foster not only an intellectual grasp of the theoretical foundations of family therapy and clinical techniques but also a deeper understanding of self as an instrument of change in the lives of families.

credit hours: 3

PSYC 7650 Behavior Therapy

Behavior Therapy

credit hours: 3

PSYC 7660 Evidence-Based Interventions for Children and Adolescents

Evidence-Based Interventions for Children and Adolescents

credit hours: 3

PSYC 7680 Seminar in Professional School Psychology

Seminar in Professional School Psychology

credit hours: 3

PSYC 7690 School Based Mental Health

School Based Mental Health

This course provides an inquiry into theory and research related to school-based mental health programming, ranging from health promotion to treatment. Students consider psychological, contextual, cultural, social, family, organizational, and political factors related to the mental health of children and adolescents. Students gain experience in developing comprehensive school-based mental health programs.

credit hours: 3

PSYC 7810 School Consultation

School Consultation

This course examines theory, research, and practice relevant to conducting school-based consultation. The course is designed to prepare students to conduct effective consultation with educators, parents, and administrators regarding instruction, mental health (social-emotional well-being), and behavioral adjustment of students.

credit hours: 3

PSYC 7820 Practicum in School Psychology

Practicum in School Psychology

Practicum courses allow the student to have experiences applying skills specific to school psychological practice under supervision. Skills are specific to the year in the program and practicum experiences are graded in complexity, incorporating more complex skills as the student progresses in the program.

credit hours: 3

PSYC 7830 School Psychology Internship

School Psychology Internship

The internship is a formal training experience that allows students to integrate and refine school psychological skills developed during the doctoral program at Tulane. Internships are obtained using the APPIC process and require a one year, 2000 hour, supervised practice.

credit hours: 0

PSYC 7970 Advanced Seminars

Advanced Seminars

credit hours: 3

PSYC 7980 Advanced Seminars

Advanced Seminars

credit hours: 3

PSYC 7990 Advanced Seminars

Advanced Seminars

credit hours: 3

PSYC 9980 Master's Research

Master's Research

credit hours: 3

PSYC 9990 Dissertation Research

Dissertation Research

credit hours: 3

PSYC H4990 Honors Thesis

Honors Thesis

For senior honors candidates. Intensive reading and research related to the topic of the thesis.

credit hours: 3

PSYC H5000 Honors Thesis

Honors Thesis

For senior honors candidates. Intensive reading and research in selected fields of psychology.

Notes: Satisfies, in part, the psychology laboratory requirement.

credit hours: 3

RCSE 6800 Introduction to River Science and Engineering

Introduction to River Science and Engineering

Description: Rivers drain the majority of non-ice-covered land surfaces on Earth and are the primary conduit for freshwater, minerals, carbon, and dissolved ions to the global ocean. In the 21st century, rivers large and small are being increasingly managed for flood control, as a source of water (agricultural, industrial, potable), recreation and navigation, all of which can have system-wide environmental consequences. Future basin and global-scale climate changes must also be considered in management decisions. This course is designed to be a graduate and advanced undergraduate, interdisciplinary examination of river science and engineering practices that can serve as a spring board to more advanced coursework on the disciplinary aspects covered. It will also be useful to practitioners who require an interdisciplinary overview of river systems to more effectively perform their professional duties.

credit hours: 3

RCSE 6810 River and Stream Restoration

River and Stream Restoration

Description: Rivers and streams are complex ecosystems which have interconnected geologic, geomorphologic, chemical and biological underpinnings. As the demands of human populations have increased over the past several centuries, rivers and streams have often been pushed beyond their ability to maintain the dynamic equilibrium inherent to the system. In recent decades, in an attempt to restore some of the values and functions to these systems, river and stream restoration has emerged as a multi-billion-dollar industry. This course will cover the definitions of river and stream restoration, discuss the planning process associated with solid restoration efforts, present restoration techniques, discuss environmental flows as restoration measures, present commonly applied design concepts and consider how uncertainty, monitoring and adaptive management may be applied to river and stream restoration efforts.

Pre-requistites: SCEN6800 or RCSE6800 or instructor approval

credit hours: 3

RCSE 6820 River-Coastal Hydrologic and Hydraulic Modeling

River-Coastal Hydrologic and Hydraulic Modeling

Description: The substantial advancement in computational power has allowed numerical models to be a viable and efficient tool to solve complex problems and improve our understanding of the fundamentals in the water resources field. Despite these advancements, it is critical to fully understand the basics of numerical modeling techniques, and recognize the strengths and limitations of these techniques. This introductory modeling course provides a general overview of the basics of numerical modeling; model development and applications, and includes hands-on training on model applications to watersheds, streams, large rivers, and coastal settings.

Pre-requistites: SCEN 6800 or RCSE6800 or instructor approval

credit hours: 3

RCSE 6830 River Mechanics and Management

River Mechanics and Management

Description: This course will provide a thorough understanding of the practical application of river mechanics. This science is a critical, but often overlooked component, of any river management project. The River Mechanics and Management course introduces the student to a wide range of river topics related to the engineering and management of river systems. This includes and advanced examination of fluvial processes, channel stability concepts, sediment transport, and design considerations for commonly used engineering features. The course will also provide instruction on designing structural elements to aid in the management of river channels and floodplain. The course will emphasize the interdisciplinary nature of river science and engineering.

Pre-requistites: SCEN 6800 or RCSE 6800 or instructor approval

credit hours: 3

RCSE 6840 Methods in River Sampling

Methods in River Sampling

Description: Tools and procedures developed for sampling and monitoring riverine systems over the last century are distinct from those developed for other aqueous environments. In addition to the need for tools tailored for systems of a wide range of size, energy, and setting, effective river monitoring also needs to capture highly episodic hydrographs that encompass large overbank areas during floods. River monitoring has profound implications in managing rivers for human use and for channel and riparian ecosystem health. Rivers are also highly sensitive to climate, and historical records of their behavior are a key indicator of changing climate on a basin and global scale. This course is designed to examine river sampling as conducted by agencies and academic researchers, including the use of remote sensing, and the collection of ecological, water chemistry, hydrological, sediment dynamics, and morphological evolution data sets. Historical data will be examined to define statistical data analytical procedures.

Pre-requisites: SCEN 6800 or RCSE 6800 or instructor approval

credit hours: 3

RCSE 6900 Independent Study in River-Coastal Science and Engineering

Independent Study in River-Coastal Science and Engineering

Description: Independent study on a research topic of choice under the direction of a faculty member

credit hours: 1-3

SCEN 1010 Communicating Science: Teaching

Communicating Science: Teaching

As the high schools in New Orleans rebuild, one of their many challenges is the uneven level of preparation among students entering the 9th grade. At the New Orleans Charter High School for Science and Math (SciHi), founded by two Tulane professors, the students are motivated but the disparities in their backgrounds are enormous. In this course, we learn how to help high school students who've fallen behind, both academically and by understanding the origins of their difficulty. Then we apply that knowledge by working with the students and also fulfilling one of the Tulane Center for Public Service requirements. The service, a minimum of 30 hours over the course of a semester, can take the form of teaching, tutoring, assisting with in-class exercises, and always includes acting as a mentor and role model to the SciHi students.

credit hours: 1

SCEN 1020 Communicating Science - FIRST LEGO League

Communicating Science - FIRST LEGO League

If you are looking for a service learning opportunity this fall, in this course, you will mentor a middle-school robotics team using FIRST LEGO League (FLL) as a platform. Typically run on-site as an after-school program, FLL provides motivation in STEM fields (Science, Technology, Engineering, and Math) by requiring middle-school students to design and build a LEGO robot and prepare a 5-minute research presentation on the theme of the challenge. Past themes have involved Trash/Recycling, Natural Disasters, Senior Citizens, Biomedical Engineering, Climate, Energy, and Nanotechnology. Tulane students will assist the teams throughout the semester and will accompany them to the qualifying competition in New Orleans in November and potentially the state competition in New Orleans in December if the team advances. Previous robotics experience is not required.

Notes: The service is a minimum of 20 hours over the course of the semester. If you have any questions, please email Dr. Sanchez at sanchez@tulane.edu

credit hours: 1

SCEN 3010 The Physical Dimensions of Aging

The Physical Dimensions of Aging

This course is designed to introduce students to the physiological, behavioral, and cognitive changes associated with aging. In particular, we will focus on what physiological and structural changes are typical for an aging human body focusing on the brain, cardiovascular and musculoskeletal systems. We will also discuss what it means to become older within a community, what can a person expect during the aging process, and what kind of control a person has over his/her aging body. Course participants travel to local aging centers and continuing care facilities as part of the learning process.

Pre-requisites: EBIO 1010/1015, CELL 1010 or instructor approval.

credit hours: 3

SCEN 3030 Anatomy and Physiology I

Anatomy and Physiology I

The course objectives are to learn the principal structure and physiology of the musculoskeletal, peripheral nervous, and central nervous systems and to be able to relate the structures to their functions.

Pre-requisites: EBIO 1010 and 1110 OR CELL 1010.

credit hours: 3

SCEN 3035 Anatomy and Physiology I Lab

Anatomy and Physiology I Lab

The first of two sequenced laboratory courses that complements SCEN 3030. Discussion of anatomical nomenclature, skeletal, muscular, peripheral and central nervous systems dissections. Dissection and exploration of human cadavers are an integral component of the laboratory experience.

Co-requisites: SCEN 3030.

credit hours: 1

SCEN 3040 Anatomy and Physiology II

Anatomy and Physiology II

The second of two sequenced courses in human anatomy and physiology. The second sequenced course explores special senses, the respiratory, cardiovascular, lymphatic and reproductive systems.

Pre-requisites: EBIO 1010 and 1110 OR CELL 1010.

credit hours: 3

SCEN 3045 Anatomy and Physiology II Lab

Anatomy and Physiology II Lab

The second of two sequenced laboratory courses that complements SCEN 3040. Systems covered included: autonomic nervous system, special senses, endocrine, cardiovascular, respiratory, digestive, urinary and reproductive systems. Dissection and exploration of human cadavers are an integral component of the laboratory experience.

Co-requisites: SCEN 3040

credit hours: 1

SCEN 4570 Science, Technology, Engineering, and Math (STEM) Internship

Science, Technology, Engineering, and Math (STEM) Internship

An experiential learning course in which students will work with community partners in a variety of settings (health, environmental, education, etc.). In-class sessions and assignments will consist of discussions, readings, and written and oral reflections to place the volunteer service into the greater academic context. Fulfills the second tier service requirement.

credit hours: 3

SCEN 6000 Entrepreneurship in Engineering and Bioscience: A New Way of Inventing

Entrepreneurship in Engineering and Bioscience: A New Way of Inventing

This course focuses on taking graduate and senior capstone engineering and bioscience research projects to a commercial stage. Not only does one need to take the research projects to an advanced engineering/bioscience stage in order to be commercialized, one needs to develop a competitive business plan, an intellectual property position, and a sustainable competitive advantage. Additionally, this course explores the major economic and technological developments that are shaping the world, how to develop and sustain a competitive bioengineering or biotech start-up firm, how to write a competitive business plan and the proper interaction with venture capitalists, lawyers and investment bankers through the entire business cycle. All through this process, the importance of ethics is continually studied, stressed and examined. Guest speakers are incorporated throughout the semester including a venture capitalist, a business ethicist, startup attorney, investment banker and several bioscience and biomedical engineering entrepreneurs.

credit hours: 3

SCEN 6010 The Physical Dimensions of Aging

The Physical Dimensions of Aging

This course is designed to introduce students to the physiological, behavioral, and cognitive changes associated with aging. In particular, we will focus on what physiological and structural changes are typical for an aging human body focusing on the brain, cardiovascular and musculoskeletal systems. We will also discuss what it means to become older within a community, what can a person expect during the aging process, and what kind of control a person has over his/her aging body. Course participants travel to local aging centers and continuing care facilities as part of the learning process.

Pre-requisites: EBIO 1010/1015, CELL 1010, Graduate Standing, or instructor approval.

credit hours: 3

SCEN 6030 Anatomy and Physiology I

Anatomy and Physiology I

The course objectives are to learn to identify the principal components of the musculoskeletal, peripheral nervous, and central nervous systems and to be able to relate the structures and their functions. (Graduate section of SCEN 3030.)

Pre-requisites: EBIO 1010 and 1110 or CELL 1010, Graduate Standing.

credit hours: 3

SCEN 6035 Anatomy and Physiology I Lab

Anatomy and Physiology I Lab

The first of two sequenced laboratory courses that complements SCEN 6030. Discussion of anatomical nomenclature, skeletal, muscular, peripheral and central nervous systems dissections. Dissection and exploration of human cadavers are an integral component of the

laboratory experience. (Graduate section of SCEN 3035.)

Pre-requisites: Graduate Standing,

Co-requisites: SCEN 6030.

credit hours: 1

SCEN 6040 Anatomy and Physiology II

Anatomy and Physiology II

The second of two sequenced courses intended to address human anatomy and physiology.

This course explores the respiratory, cardiovascular, lymphatic and reproductive systems.

(Graduate section of SCEN 3040.)

Pre-requisites: EBIO 1010 and 1110 OR CELL 1010, Graduate Standing.

credit hours: 3

SCEN 6045 Anatomy and Physiology II Lab

Anatomy and Physiology II Lab

The second of two sequenced laboratory courses that complements SCEN 6040. Systems covered included: autonomic nervous system, special senses, endocrine, cardiovascular, respiratory, digestive, urinary and reproductive systems. Dissection and exploration of human cadavers are an integral component of the laboratory experience. (Graduate section of SCEN 3045.)

Pre-requisites: Graduate Standing

Co-requisites: SCEN 6040.

credit hours: 1

SCEN 6060 Applied Innovation

Applied Innovation

Given a vetted product that solves a real problem, why do some young projects and companies fail, while others thrive and achieve the commercial or societal impact necessary to make a real difference in the world? This course reviews the foundational aspects of applied scientific and engineering innovation – that is, translation of an idea or concept into a valid application and product – then addresses those rarely taught aspects of development that frequently mean the difference between success or failure in an early stage venture. Topics addressed revolve around opportunity selection and development, leadership of innovative efforts, team development and the daily operational elements necessary to successfully developing and executing a plan. While all students may not become entrepreneurs, most will at some point in their career benefit from a thorough understanding of how to lead and manage teams, and will use the concepts, frameworks and practical tools provided by the course.

credit hours: 3

SCEN 7500 Scientific Writing

Scientific Writing

This course in English Composition is open to all students in PhD programs in the School of Science and Engineering. The course will focus on basic writing skills and skills needed in scientific writing and grant preparation.

credit hours: 3

SCEN 7650 ESL: Speaking Skills

ESL: Speaking Skills

credit hours: 2

SCEN 7660 ESL Writing Skills

ESL Writing Skills

credit hours: 3

SCEN 4050 Introduction to Histopathology

Introduction to Histopathology

The primary goal of Introduction to Histopathology is to establish a foundation of knowledge that will allow the student to relate detailed cellular alterations to overall disease processes. The course will provide a solid foundation in histology and cell biology with respect to modern medicine and will introduce students to the cellular mechanisms of disease processes. Some major tissue groups will be covered. Part I brings together histology and general pathology within the context of the basic tissues. Part II presents several organ systems grouped by their most relevant function for the purpose of integration. Students will be expected to learn the knowledge by attending lectures, lab sessions, case discussions. Students are expected to work through set tasks during lab sessions and case discussions that are designed to improve their understanding of tissue organization and function, and to promote their problem-solving skills.

Pre-requisites: CELL 4110

credit hours: 3

School of Social Work Courses

[**DRLS 6710 Food Security Information Systems and Logistics \(DRL Summer Institute, Italy\)**](#)

Food Security Information Systems and Logistics (DRL Summer Institute, Italy)

This course offers a unique opportunity to interact with logistics and information systems experts from the UN and international civil society. Learning is reinforced by field visits to the organizations and the UNHRD where students can learn how these systems support ongoing responses around the world.

credit hours: 3

[**DRLS 6720 Food Security and Food Aid in Humanitarian Context\(DRL Summer Institute, Italy\)**](#)

Food Security and Food Aid in Humanitarian Context(DRL Summer Institute, Italy)

This course compliments lectures, readings, and lab work with generous opportunities to interact with professionals from UN Agencies and international civil society. Guest lectures by experts and field visits to the principle UN Agencies are an important part of this course.

credit hours: 3

[**DRLS 6730 Food Security and Resilience\(DRL Summer Institute, Italy\)**](#)

Food Security and Resilience(DRL Summer Institute, Italy)

This course will examine the impact of disaster and crisis on food security and nutrition outcomes and the role of policy and programs in enhancing the ability of communities and households to manage food security related risk. Students in the course will spend the first 10-days of the course in study core elements of food security resiliency in lectures, guest lectures, seminar format and a practical policy/program review activity. FAO's 5-year strategic plan includes a strategic objective on resilience and during the final days of the course students will be able to visit FAO and discuss concepts from the course with the foremost experts in the field.

credit hours: 3

[**SOWK 1000 Trauma! A Hybrid Survey Course**](#)

Trauma! A Hybrid Survey Course

This hybrid survey course introduces students to the universal concept of trauma and the global scope and impact of traumatic experience on individuals and communities. Students have the unique opportunity to be involved in the development of TraumaQuest, an innovative online Course Game that reinforces educational objectives and challenges students to apply knowledge in a gaming environment designed to simulate disaster and promote resiliency. The techniques and methodology pioneered during the development phase of TraumaQuest will provide students with an interdisciplinary examination of trauma and resilience, as well as facilitate engagement through student input on design considerations and stylization of academic content.

credit hours: 3

[**SOWK 2000 Introduction to Social Policy and Practice**](#)

Introduction to Social Policy and Practice

This course examines the processes that influence the development of social policy and social services. Included are legislative and political processes, models of policy analysis, service delivery and policy implementation. Effects of these on people are considered from global, political, economic and social policy perspectives. This course is developed around the general

proposition that social workers utilize knowledge and skills to carry out roles and functions critical for practice. Such knowledge and skills include the application of social policy analysis, the legislative process, the role and impact of politics and political choice on the quality of life of people, and the effect of economic-social policy decision and judicial actions on social services. In addition, the course examines the variability of the common and uncommon attributes of service delivery systems.

credit hours: 3

SOWK 2110 Family-Violence: Intervention - Making a Difference

Family-Violence: Intervention - Making a Difference

This course explores current thinking about domestic violence and its impact on adult participants, children and families. Emphasis is placed on understanding theories about what causes domestic violence and effective intervention strategies for eliminating violence in families. Topics include socio-cultural, intrapersonal, and interpersonal explanations for domestic violence, the co-occurrence of domestic violence and child abuse, and strategies for effective intervention with batterers, victims, and children.

credit hours: 3

SOWK 2120 Social Work Interventions with Children and Youth

Social Work Interventions with Children and Youth

This course is designed to provide students with an overview of social work intervention services from historical, theoretical, and practice perspectives. Services to children and their families are divided into support services which enhance family life, supplemental services that help struggling families to maintain or regain their functioning, and substitute services that provide for the child on a temporary or permanent basis when the family cannot do so. Each service is considered in terms of need, rationale, provision of service, diverse populations, consumer views of service, and social trends that may affect future provision of the service.

credit hours: 3

SOWK 2220 Drug Abuse: Univ. and Innercity (Booze, Pot, Coke, and Crystal Meth: PolyDrug Abuse Among College and Inner-City Residents)

Drug Abuse: Univ. and Innercity (Booze, Pot, Coke, and Crystal Meth: PolyDrug Abuse Among College and Inner-City Residents)

This course is designed to explore the epidemiology, prevalence, and culture of embeddedness of polydrug use and abuse among college students and inner-city residents. Students will compare and contrast the sociopolitical, sociocognitive, legal, and economic processes that contribute to high risk health behaviors in college and inner-city communities. Participants will develop an understanding of how one's family, friends and current systemic anti-drug initiatives come to shape high-risk health behavior patterns. Panel presentations by former polydrug users from each community will be held with a focus on developing creative solutions for a growing problem.

credit hours: 3

SOWK 2230 Guns and Gangs: At Risk Youth in the Inner City

Guns and Gangs: At Risk Youth in the Inner City

Unlike adult crimes, most juvenile delinquency is committed in groups. The aim of this course is to examine national and local gang dynamics within the context of weapon availability, drug markets, turf issues, and the economy. The rapidly changing social variables of race, social class, migration, and immigration are explored relative to gang membership, chronic gang

problems, and solutions.

credit hours: 3

SOWK 2300 Communication with and Social Welfare of Tibetan Refugees (Optional 4 week Field Study in India)

Communication with and Social Welfare of Tibetan Refugees (Optional 4 week Field Study in India)

This course will introduce students to the fundamentals of communication skills with Tibetan refugees living in India and the conditions under which they live. Their life and culture will be addressed with special attention to the implications for their social and human welfare. This course will include the fundamentals of spoken and classical Tibetan. Students will have the option of participating in a four week trip to north India to work with the Tibetan refugee population in exile in a project co-sponsored by The School of Social Work titled Compassion in Action.- -

credit hours: 3

SOWK 2310 ting Happiness (Optional 4week field study in India)

ting Happiness (Optional 4week field study in India)

This course will introduce the student to Tibetan Buddhist philosophy, Tibetan culture, the historical and current political situation in Tibet, and the social service needs of the Tibetan refugee population living in exile in India. An optional component of the course is a four week journey to India to engage fully with the Tibetan Refugee population. The course will incorporate films, guest speakers, readings, class discussion, student presentations and basic Tibetan meditation practices to provide a comprehensive overview of this rich and varied system and people.

credit hours: 3

SOWK 2320 Tibet: Social Welfare, Social Movement and Social Change

Tibet: Social Welfare, Social Movement and Social Change

This course examines the Tibetan refugee life and the struggle to preserve their culture and way of life. We will also analyze the transformation of Tibet in the Western imagination and appropriation of Tibetan culture and their consequences for Tibetan people. How does the Tibetan refugee life affect the democratization of Tibetan society and internationalization of Tibetan issue? In order to answer these questions, we will explore a history of social movements taking place in Tibetan communities and on international platforms. Our study will be rooted in a broad variety of literary genres including historical accounts, autobiographies, and documentary films.

credit hours: 3

SOWK 2400 Human Sexuality: Beyond Sex in the City

Human Sexuality: Beyond Sex in the City

This course explores human sexual functioning in the context of self in relationship to others and community. It provides content on various aspects of sexual behavior, problems and difficulties, and diversity of sexual experience. Grounded in the human services, ethical and professional values are considered and discussed throughout the course. The course format includes professor lecture, student discussions and presentations, role-play, and use of films. Discussion of central issues and introduction to treatment approaches are encouraged in class. Guest lecturers who are experts in various areas of human sexuality and sex disorders will provide additional content.

credit hours: 3

SOWK 2500 Community Organizing for Social Change: Theories and Methods

Community Organizing for Social Change: Theories and Methods

This course employs an interdisciplinary approach to the practice of community organizing. Drawing on classical and contemporary texts, students will engage in the works of Alinsky, Freire, Pharr, Piven and Cloward and others. Narratives of people of color and other oppressed groups organizing for social change will be emphasized. Student learning includes applying community organizing theories and methods through practical engagement in the most current issues in post-Katrina New Orleans such as environmental problems, housing advocacy, race relations, education and other issues pertinent to community development.

credit hours: 3

SOWK 2600 Domestic and International Terrorism: Implications for Social Policy and Practice

Domestic and International Terrorism: Implications for Social Policy and Practice

This course introduces the student to theories, motivations, tactics, and goals of terrorism. The course will provide insight into the ideology, structure, financing, and driving forces behind terrorist groups inside the United States (home-grown) and international (foreign) groups. Additionally, the course will offer a critical analysis of the governmental response to the war on terrorism including contemporary models of counterterrorism and how terrorist groups and governments' responses affect social policy.

credit hours: 3

SOWK 3000 Civic Engagement and Leadership

Civic Engagement and Leadership

In this course students with previous experience in service learning or community service will have an opportunity to enhance their knowledge of civic engagement and strengthen their leadership skills. There are two major goals of the course. The first goal is to enhance students' knowledge, strengths and abilities to facilitate university-community partnerships. The second goal is to foster a life-long commitment to civic engagement and democratic leadership. A combination of lecture, guest speakers, discussion, group exercises and a community-based project will be used in this course. Students who satisfactorily complete this course will be eligible for future leadership opportunities with the Center for Public Service.

Notes: This course has a service-learning component and is a prerequisite for Center for Public Service student leadership positions.

credit hours: 3

SOWK 4000 Emerging Programs and Policies

Emerging Programs and Policies

This course is in the social policy curriculum area required for undergraduate SP&P Coordinate Majors. Students will apply both social work and interdisciplinary perspectives to analyze contemporary social welfare policy issues and programs at the federal, state and local levels. This course will explore the historical, economic, political, ideological, and other social conditions that influence policy development in the United States. Specific policy areas discussed include: means-tested social welfare programs, immigration, education, intimate partner violence, community violence, incarceration and health. This course will give particular attention to the impact of social policies and programs on at-risk or marginalized populations (e.g. people of color, people with disabilities, women, children, LGBTQ individuals), highlighting

social and economic justice dimensions of social policy and potentials for policy reform.
credit hours: 3

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Colella, Adrienne J, *Ph.D.*

De Franco, Gaetano (Gus), *Ph.D.*

Denisi, Angelo S, *Ph.D.*

Fee, C. Edward IV, *Ph.D.*

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Hansen, Robert Shields, *Ph.D.*

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Robins, Russell P, *Ph.D.*

Sujan, Harish, *Ph.D.*

Sujan, Mita, *Ph.D.*

Tice, Sheri Teresa, *Ph.D.*

Trapani, John M III, *Ph.D.*

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Bol, Jasmijn, *Ph.D.*

Kemsley, Deen, *Ph.D.*

Lesmond, David Anthony, *Ph.D.*

Narayanamoorthy, Ganapathi S, *Ph.D.*

Page, John R, *Ph.D.*
Soliman, Soliman Y, *Ph.D.*
Subramaniam, Venkat R, *Ph.D.*
Weigelt, Carmen B, *Ph.D.*

Assistant Professor

Chen, Zhenhua, *Ph.D.*
Gredil, Oleg, *Ph.D.*
Grieser, William, *Ph.D.*
Healey, John Joseph, *Ph.D.*
Heitz, Amanda, *Ph.D.*
Huffman, Adrienna, *Ph.D.*
Kapadia, Nishad, *Ph.D.*
Kazan, Osman, *Ph.D.*
Khanna, Rajat, *Ph.D.*
Khokher, Zeigham, *Ph.D.*
Kuban, Scott,
Lee, Jung Hoon, *Ph.D.*
Lee, Seoungwoo,
Mathrumandiram Sivadasan, Padmakumar, *Ph.D.*
Merluzzi, Jennifer, *Ph.D.*
Mochon, Daniel, *Ph.D.*
Pan, Xuhui, *Ph.D.*
Prilmeier, Robert, *Ph.D.*
Ro, Joon Hyung, *Ph.D.*
Rosenzweig, Emily, *Ph.D.*
Schwartz, Janet Ann, *Ph.D.*
Senot, Claire, *Ph.D.*
Sun, Shuhua, *Ph.D.*
Tan Erciyes, Burcu, *Ph.D.*
Tan, Yinliang (Ricky), *Ph.D.*
Zekhnini, Morad, *Ph.D.*
Zhang, Yuchen, *Ph.D.*

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Groome, Sanda Beacit, *J.D.*
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Smith, Christine P, *B.A.*
Smith, Eric N, *M.B.A.*
West, Timothy, *Ph.D.*
Wilson, Michael Stanley, *Ph.D.*
Yest, Michael T, *Ph.D.*

Lecturers

Ebrahim, Sherif A, *M.H.A.*
Fuchs, Deirdre D, *M.B.A.*
Guzman, Eduardo, *Ph.D.*
Prasad, Ambika, *Ph.D.*
Sleptsov, Alexander, *Ph.D.*
Varadharajan, Anupama, *M.B.A.*
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Lin, Tiffany, *M.Arch.*
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Roser, Cordula, *B.Arch*

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Plante, Michael, *Ph.D.*

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Yilmaz, Ferruh, *Ph.D.*

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Chang, Kai-Man, *Ph.D.*
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Collins, LaPorchia,

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Bidima, Jean G, *Ph.D.*
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Tamalet, Edwige, *Ph.D.*
Wikstrom, Toby Erik, *Ph.D.*

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Nicosia, Roberto, *Ph.D.*

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Mcmahon, Elisabeth Mary, *Ph.D.*

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Dimitrov, Martin Kostadinov, *Ph.D.*
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Lay, Jennifer Celeste (Celeste), *Ph.D.*
Remer, Gary, *Ph.D.*
Thompson, Martyn, *Ph.D.*
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Oliveros, Virginia, *Ph.D.*

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Pavlovic, Tatjana, *Ph.D.*

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Davis, Kathleen E, *Ph.D.*

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Miller, Marilyn Grace, *Ph.D.*
Rivera Diaz, Fernando Cesar, *Ph.D.*
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He, Hua, *Ph.D.*

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Xiong, Xu, *Ph.D.*

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Clum, Gretchen A, *Ph.D.*
Do, Mai P, *Ph.D.*
Hutchinson, Paul L, *Ph.D.*
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Sherchan, Samendra Prasad, *Ph.D.*

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Shi, Lizheng, *Ph.D.*

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Wiser, Mark F, *Ph.D.*

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Pizarro, Juan C, *Ph.D.*

Scaraffia, Patricia Y, *Ph.D.*

Yukich, Joshua O, *Ph.D.*

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He, Fenglei, *Ph.D.*

Huang, Hai, *Ph.D.*

Meadows, Stryder, *Ph.D.*

Wang, Shusheng, *Ph.D.*

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Cronin, James Lawrence, *Ph.D.*
Dotson, Robert Steven, *Ph.D.*
Vijayaraghavan, Meenakshi, *Ph.D.*

Professor of the Practice

Abboud, Elizabeth Rachael, *Ph.D.*
Han, Manjong, *Ph.D.*

Chemical & Biomolecular Engineering

Professor

Ashbaugh, Henry Snyder, *Ph.D.*
John, Vijay T, *Ph.D.*
Mitchell, Brian S, *Ph.D.*
Oconnor, Kim C, *Ph.D.*
Papadopoulos, K, *Ph.D.*
Pratt, Lawrence R., *Ph.D.*
Robinson, Anne, *Ph.D.* (chair)
Shantz, Daniel, *Ph.D.* (chair)

Associate Professor

Godbey, W T, *Ph.D.*
Pesika, Noshir Sheriar, *Ph.D.*

Assistant Professor

Albert, Julie, *Ph.D.*
Sandoval, Nicholas Richard, *Ph.D.*

Professor of the Practice

Russell, Katie, *Ph.D.*

Chemistry

Professor

Burin, Alexander L, *Ph.D.*
Byers, Larry D, *Ph.D.*
Fink, Mark J, *Ph.D.*
Gibb, Bruce, *Ph.D.*
Grayson, Scott M, *Ph.D.*
Herman, Michael, *Ph.D.*
Koplitz, Brent Douglas, *Ph.D.* (chair)

Mague, Joel T, *Ph.D.*
Pascal, Robert Anthony Jr., *Ph.D.*
Rubtsov, Igor V, *Ph.D.*
Schmehl, Russell, *Ph.D.*
Sulkes, Mark, *Ph.D.*

Associate Professor

Donahue, James P, *Ph.D.*
Jayawickramarajah, Janarthanan, *Ph.D.*

Senior Professor of the Practice

Jacobsen, Heiko, *Ph.D.*
Zhang, Carol Younghui, *Ph.D.*

Associate Professor

Mettu, Ramgopal, *Ph.D.*
Venable, Kristen Brent, *Ph.D.*
Wenk, Carola, *Ph.D.*

Assistant Professor

Kordjamshidi, Parisa, *Ph.D.*
Summa, Brian, *Ph.D.*
Zheng, Zizhan, *Ph.D.*

Professor of the Practice

Kurdia, Anastasia, *Ph.D.*

Earth and Environmental Sciences

Professor

Allison, Mead A, *Ph.D.*
Johannesson, Karen Haley, *Ph.D.*
Tornqvist, Torbjorn, *Ph.D.* (chair)

Associate Professor

Dawers, Nancye H, *Ph.D.*
Flowers, George C, *Ph.D.*
Gasparini, Nicole M, *Ph.D.*
Nelson, Stephen A, *Ph.D.*
Straub, Kyle M, *Ph.D.*

Assistant Professor

Goehring, Brent Marshal, *Ph.D.*

Senior Professor of the Practice

Agnew, Jeffrey, *Ph.D.*

Sigler, Jeffrey M, *Ph.D.*

Professor of the Practice

Amer, Reda Mohammed, *Ph.D.*

Ecology & Evolutionary Biology

Professor

Bart, Henry L Jr., *Ph.D.*

Heins, David C, *Ph.D.* (chair)

Sherry, Thomas W, *Ph.D.*

Associate Professor

Blum, Michael J, *Ph.D.*

Karubian, Jordan Oliver, *Ph.D.*

Taylor, Caroline M, *Ph.D.*

Assistant Professor

Derryberry, Elizabeth, *Ph.D.*

Farrer, Emily C, *Ph.D.*

Van Bael, Sunshine Autumn, *Ph.D.*

Senior Professor of the Practice

Fleury, Bruce E, *Ph.D.*

Henry, Donata, *Ph.D.*

Professor of the Practice

McLean, Timothy Irvin, *Ph.D.*

Ribeiro, Renata D, *Ph.D.*

Mathematics

Professor

Cortez, Ricardo, *Ph.D.*

Fauci, Lisa J, *Ph.D.*
Hyman, James Macklin, *Ph.D.*
Kalka, Morris, *Ph.D.* (chair)
Kurganov, Alexander, *Ph.D.*
Kwasik, Slawomir, *Ph.D.*
Mislove, Michael W, *Ph.D.* (chair)
Moll, Victor H, *Ph.D.*
Tipler, Frank J, *Ph.D.*
Wentzell, Alexander D, *Ph.D.*

Associate Professor

Can, Mahir Bilen, *Ph.D.*
Didier, Gustavo, *Ph.D.*
Dupre, Maurice J, *Ph.D.*
Ha, Tai H, *Ph.D.*
Komendarczyk, Rafal, *Ph.D.*
Lacey, Michelle R, *Ph.D.*
McKinley, Scott Alister, *Ph.D.*
Riedel, Norbert, *Ph.D.*
Vitter, Albert L III, *Ph.D.*
Yang, Dagang, *Ph.D.*

Assistant Professor

Glatt-Holtz, Nathan Edward, *Ph.D.*
Zhao, Kun, *Ph.D.*

Senior Professor of the Practice

Amdeberhan, Tewodros, *Ph.D.*

Professor of the Practice

Herbert, Robert Louis, *Ph.D.*
Joyce, Michael O, *Ph.D.*

Physics & Engineering Physics

Professor

Chrissey, Douglas Brian, *Ph.D.*
Kaplan, Lev, *Ph.D.* (chair)
Mao, Zhiqiang, *Ph.D.*
Reed, Wayne F, *Ph.D.*
Rosensteel, George T, *Ph.D.*
Wietfeldt, Fred Eberhardt, *Ph.D.*

Assistant Professor

Escarra, Matthew D, *Ph.D.*
Glasser, Ryan Thomas, *Ph.D.*
Kapit, Eliot, *Ph.D.*
Talbayev, Diyar, *Ph.D.*
Wei, Jiang, *Ph.D.*

Professor of the Practice

Barrios, Matthew, *Ph.D.*
Norton, Guy Vincent, *Ph.D.*
Sanchez, Michelle Hewlett, *Ph.D.*

Psychology

Professor

Daniel, Jill, *Ph.D.*
Dohanich, Gary Peter, *Ph.D.*
Lockman, Jeffrey J, *Ph.D.*
Nastasi, Bonnie Kaul, *Ph.D.*
Overstreet, Stacy, *Ph.D.* (chair)
Ruscher, Janet Beth, *Ph.D.*

Associate Professor

Colombo, Paul Joseph, *Ph.D.*
Molix, Lisa A, *Ph.D.*
O'Brien, Laurie T, *Ph.D.*

Assistant Professor

Baker, Courtney Noette, *Ph.D.*
Gray, Sarah, *Ph.D.*
Hoerger, Michael P, *Ph.D.*
Markant, Julie Christina, *Ph.D.*
Murray, Damian, *Ph.D.*

Senior Professor of the Practice

Alvarez, Julie Anne, *Ph.D.*
Hebert, Thomas Joseph, *Ph.D.*
Wyland, Carrie Lynn, *Ph.D.*

Professor of the Practice

Corey, David M, *Ph.D.*

Patterson, Constance Kindrick, *Ph.D.*
Sherman, Kimberly, *Ph.D.*

School of Social Work

Marks, Ronald E, *Ph.D.* Dean

Glossary

Academic year: The period consisting of fall and spring semesters.

Advanced placement: Exemption or credit awarded to beginning first-year students based on scores on the College Board Advanced Placement [AP] Tests.

Audit: To enroll in a course for no credit.

Capstone experience: A core curriculum requirement, designed by the student's school or major department; every senior completes the capstone by applying information, skills and ideas from the major to one significant project.

Code of Academic Conduct: Statement of norms for conduct in academic work. The Code also contains procedures for dealing with alleged academic dishonesty.

Code of Student Conduct: The regulations of behavior that prohibit unsatisfactory or disruptive conduct. Disciplinary action and sanction resides with the Office of Student Affairs.

Course load: The total number of semester hours for which a student is registered in one semester or summer term.

Credit: The quantitative measure of recognition given to a course stated in semester hours.

Cross-registration: Courses designated in other local universities with which Tulane participates in a consortium.

Cumulative or overall grade point average: A student's grade point average based on the total number of quality points earned and total number of semester hours attempted.

Curriculum: A program of courses required for a degree in a particular field of study.

Departments: The academic units of the university within colleges or schools; administered by chairs or directors.

Dual degrees: A program whereby a student may pursue concurrently two undergraduate degrees within the same school or in two schools of the university.

Elective: Course chosen by the student, as opposed to a required course. The term "elective", without a qualifier, will be understood to be a free elective, chosen by the student at his or her option from all the courses offered by the university for degree credit, with due regard for prerequisites and subject to restrictions of the school or college in which the student is enrolled.

Equivalent: When used in a course prerequisite [e.g., "Prereq: SOCI 101 or equivalent"], this term means either credit in a comparable course, or equivalency to be determined by individual department.

Gibson Online: A gateway to online services such as Registration, Grades, Degree Audit, myTulane, etc. (gibson.tulane.edu)

Good standing: The typical status of a student who is not on academic probation and is eligible

to continue in or return to the university.

Grade-point average (GPA): A measure of scholastic performance; the ratio of quality points earned to semester hours attempted.

Interdivisional transfer [IDT]: The procedure for transfer from one school or college within the university to another.

Joint-degree programs: A program whereby a student may pursue an undergraduate degree and a graduate degree

Leave of absence: An interruption in enrollment, approved by the Associate Dean of Newcomb-Tulane College, which permits re-enrollment without an application for readmission.

Major: The primary field of study; students will take the majority of their required courses in this area.

Matriculation: The state of being registered for credit and working toward a specific degree.

Minor: The student's field of secondary academic emphasis.

Over/Under load: Stated minimum and maximum course loads for which approval must be obtained from the student's dean.

Pre-professional program: A program of study in preparation for entry into a professional degree program at another institution or another division of the University.

Prerequisites: The preliminary requirement, usually credit in another course, that must be met before a course may be taken.

Priority registration: A specified period of time during a semester when a student may enroll in courses for the following semester.

Privacy act: The privacy of students' records and affairs is protected under the Family Educational Rights and Privacy Act of 1974 as amended [P.L. 93-380], preventing the distribution of any information other than 'directory information' on a student.

Probation and dismissal: Failure to meet the minimum semester requirements toward graduation for the fall or spring semester will result in being placed on academic probation. Academic deficiencies not corrected in the subsequent semester or in the Tulane Summer School may be cause for dismissal from the University.

Quality of work: The progress toward the baccalaureate degree measured by credits and quality points at the close of each semester.

Quality point: Numerical value assigned to each letter grade from A to F, when given as the final grade in a course; provides a basis for quantitative determination a grade point average.

Registration: The process by which a [duly admitted] student, upon payment of required tuition and fees, is enrolled in classes.

Residency requirement: The period of time students are required to be enrolled for a

designated number of courses or credits.

Schools: The academic units of the university that offer the university's academic programs, and are administered by deans. The degree anticipated determines the student's choice of school or college.

Semester hour: The unit by which coursework is measured.

Student schedule: The courses in which a student is enrolled.

S/U option: Satisfactory or unsatisfactory is elected as an irrevocable option (following the announced deadline) for a course in which a letter grade and quality points are not awarded, thereby not affecting the GPA.

TIDES (Tulane InterDisciplinary Experience Seminar): a one-credit seminar required for all first-year students.

Transfer student: A student who terminates enrollment in another university and subsequently enrolls in Tulane University.

Withdrawal: Extensive nonattendance to class(es) requires formal withdrawal from: course(s), section(s), or the college/school, with appropriate approvals including that of the dean.

Majors

- Africana Studies Major
- Anthropology Major
- Applied Computing Systems and Technology
- Architecture, B.A.
- Architecture, M. Arch
- Art History Major
- Studio Art, B.F.A.
- Studio Art Major
- Asian Studies
- Biological Chemistry Major
- Biomedical Engineering
- Bachelor of Science in Public Health
- Cell and Molecular Biology Major
- Chemical Engineering
- Cognitive Studies
- Chemistry Major
- Classical Studies Major
- Computer Science
- Communication Major
- Dance, B.F.A.
- Dance Major
- Digital Design
- Digital Media Production
- Economics Major
- Economics Major
- Ecology and Evolutionary Biology Major
- English Major
- Energy Specialization
- Entrepreneurship Specialization
- Environmental Biology Major
- Environmental Earth Science Major
- Environmental Studies Major
- Finance Major
- Film Studies Major
- French Major
- Geology Major
- German Studies Major
- Gender and Sexuality Studies Major
- Greek Major
- History Major
- Health and Wellness
- Homeland Security
- International Development
- Italian Major
- Jazz Studies, B.F.A.

- Jewish Studies Major
- Latin American Studies Major
- Latin Major
- Legal Studies Major
- Linguistics Major
- Mathematics Major
- Coordinate Major in Musical Cultures of the Gulf South
- Medieval and Early Modern Studies Major
- Management Major
- Marketing Major
- Music Performance or Composition, B.F.A.

- Music Major
- Musical Theatre, B.F.A.

- Neuroscience Major
- Political Economy Major
- Engineering Physics
- Philosophy Major
- Physics Major
- Political Science Major
- Portuguese Major
- Public Relations
- Psychology and Early Childhood Education Major
- Psychology Major
- Russian Major
- Sociology Major
- Spanish Major
- Spanish and Portuguese Major
- Social Policy and Practice
- Teacher Certification Program
- Theatre, B.F.A.
- Theatre Major

Africana Studies Major

Ten courses (minimum of 30 credits) are required for the major. The major consists of the following:

I. Introductory Course

Take the following, which is offered every semester:

- AFRS 2000 - Introduction to Africana Studies

Note: Students are strongly encouraged to take this course during the Freshmen or Sophomore year however it may be taken by any student including Juniors and Seniors.

II. Nine Elective Courses

Geographic Distribution: Students must fulfill a distribution component of at least two courses (six credits) in African Studies and two courses (six credits) in African Diaspora Studies.

African Studies Program Electives: Students must take at least one elective course (three credits) which is based in the Africana Studies Program with the AFRS course designation.

Upper Level Courses: Students must take at least four courses (twelve credits) at the 4000 level or higher. A maximum of three electives (nine credits) at the 1000 or 2000 levels may be counted toward major.

Limits: A maximum of six credits in Dance courses may count toward the major.

Language Courses: Language classes at any level in Arabic, Haitian Creole, Swahili, Twi, Xhosa, Yoruba and Zulu may all be counted for elective credit in the Africana Studies Major.

Students must ensure that at least four of the electives (twelve credits) are at the 4000-level or higher and no more than three electives (nine credits) are at the 1000- or 2000-levels. Students must choose elective courses from both the humanities as well as the social or behavioral sciences and must fulfill a distribution component of at least two courses (six credits) in African studies and two courses (six credits) in African Diaspora studies. A maximum of six dance credits may count toward the major. Students pursuing a major may complete a capstone in ADST by taking one of the following:

- ADST 4560 - Internship Studies
- ADST 4830 - Service Learning Capstone for ADST with 5110 add-on
- ADST 5110 - Capstone

Africa Electives

- ADST 3200 - Issues in African Studies
- ANTH 3110 - Cultures of Sub-Saharan Africa
- ANTH 3480 - African Modernities
- ANTH 4150 - African Prehistory

- ANTH 6720 - Spoken Yoruba
- ARHS 3850 - African Art
- CLAS 4130 - Egypt Under the Pharaohs
- COMM 4180 - African Cinema
- DANC 1910 - African Dance I
- DANC 2910 - African Dance II
- ENLS 4300 - African Literature
- HISB 1300 - Africa to 1800
- HISB 1310 - Africa from 1800
- HISB 2120 - History of Western Africa
- HISB 2130 - History of Southern Africa
- HISB 3250 - Archiving Africa
- HISB 3910 - Special Topics in African History
- HISB 4130 - History of Development in Africa
- HISB 4910 - Special Topics in African History
- HISB 6070 - Gender in African History
- YRBA 1010 - Elementary Yoruba
- YRBA 1020 - Elementary Yoruba II
- YRBA 2030 - Intermediate Yoruba

African Diaspora Electives

- ADST 1550 - New Orleans Hip Hop I
- ADST 3300 - Issues in African Diaspora Studies
- ADST 3350 - Black Music and Performance in New Orleans
- ADST 4400 - Afro-Brazilians
- ADST 4840 - Orality and Literacy in African and African Diaspora Studies
- ADST 6050 - Black Feminism and Social Movement in the United States
- ADST 6090 - Criminal Justice and African & African Diaspora Studies
- ANTH 3520 - Diaspora Yoruba
- ANTH 4080 - Race and Nation in the Spanish Caribbean
- DANC 1920 - Brazilian Dance
- DANC 1950 - Jazz Dance I
- DANC 2950 - Jazz Dance II
- DANC 3240 - American/Afro-Caribbean Social and Vernacular Dance Forms
- DANC 3950 - Jazz Dance III
- DANC 3960 - New Orleans Jazz Dance Project: Newcomb College Summer Dance Festival
- DANC 4950 - Jazz Dance IV
- ENLS 3730 - Introduction to African-American Literature
- ENLS 4430 - Caribbean Literature
- ENLS 4440 - Issues in African-American Literature
- FREN 3050 - Literature in Exile
- HISL 1720 - Introduction to Caribbean History
- HISL 3200 - History of Voodoo and Other African Derived Religions
- HISL 4740 - Caribbean Cultural History
- HISL 6750 - Africans in the Americas: Comparative Social and Cultural History of the African Diaspora

- HISL 6780 - Caribbean History: Major Themes
- HISU 3440 - African-American Religious History
- HISU 4560 - The Civil War and Reconstruction
- HISU 4580 - Slavery and Freedom in the Antebellum South
- HISU 6540 - African-American Culture
- MUSC 3340 - History of Jazz
- POLA 4250 - Power and Poverty in America
- PSYC 3310 - Introduction to African-American Psychology
- PSYC 4610 - Black Youth: Developmental Psychology Perspectives
- SPAN 4160 - Afro-Hispanic Literatures and Cultures

Electives

The following courses do not meet the requirements for African or African Diaspora distribution credits, yet may be taken as electives by majors and minors. Students may also petition to count any African and African Diaspora studies related course currently being offered at Tulane or taken at other universities as part of their own curriculum. Such petitions will be considered by the program director in consultation with the program Executive Committee.

Other Electives

- ADST 3100 - Issues in Afro-Atlantic Studies
- ADST 3750 - From Community to Stage
- ADST 3890 - Service Learning
- ADST 4560 - Internship Studies
- ADST 4570 - Internship Studies
- ADST 4810 - Special Topics in African and African Diaspora Studies
- ADST 4820 - Special Topics in African and African Diaspora Studies
- ADST 4830 - Service Learning Capstone for ADST with 5110 add-on
- ADST 4910 - Independent Studies
- ADST 4920 - Independent Studies
- ADST 5110 - Capstone
- ARHS 3860 - Arts of the African Diaspora
- ARHS 3870 - 20th-Century African-American Art
- COMM 3200 - Media Literacy/Media Education I
- COMM 3550 - Third World Cinema
- COMM 4200 - Media Literacy/Media Education II
- COMM 4300 - Cultural Politics and Cinema
- ENLS 4820 - Colonial and Post-Colonial Discourse
- FREN 3040 - African and Caribbean Literature
- FREN 3050 - Literature in Exile
- FREN 4800 - Survey of Francophone Literature
- FREN 4840 - Philosophy, Francophone Literature, and Politics: Imagination and Institutions
- FREN 6860 - Francophone Art, Literature, and Politics
- HACR 1110 - Haitian Creole I
- HACR 1120 - Intermediate Haitian Creole
- HACR 1130 - Haitian Language and Culture I

- HACR 2810 - Special Projects
- HACR 2820 - Special Projects
- HISB 4250 - The Atlantic Slave Trade
- PORT 4510 - Luso-Brazilian Cities
- SOCI 6120 - Race and Ethnic Relations in America
- SOCI 6340 - Race in the Americas

Anthropology Major

Thirty credit hours of approved coursework are required for a major in anthropology. Typically, this requirement can be satisfied by ten anthropology courses. Within the 30 credit hours (or 10 courses) required for a major in anthropology, students must fulfill the following requirements for a degree in anthropology:

- At least one course above the 1000 level in each of the four major subdivisions of anthropology: biological anthropology, cultural anthropology, linguistic anthropology, and archaeology.
- Five or six elective courses in anthropology.
- Student who choose to receive the B.S. degree must have credit for two mathematics courses.
 - One calculus course, MATH 1210 or equivalent; and
 - One statistics course MATH 1230, or a higher level class in statistics, such as ANTH 6010.

Please note the following:

- Students may take no more than two 1000-level courses (six credit hours) as electives to be counted towards the 30 credit hours required for degrees in anthropology.
- Newcomb-Tulane College requires all undergraduates to take a writing practicum or a writing-intensive course to fulfill its undergraduate writing requirement. Some anthropology courses may have writing-intensive sections, but the additional credit hours earned through writing-intensive courses are not counted towards the 30 hours necessary for degrees in anthropology.

Given the diversity of topics of interest to anthropologists, anthropology majors are encouraged to take a variety of courses in the different anthropological subfields and in related disciplines, and they are encouraged to integrate anthropology coursework within pre-professional programs of study. Upon consultation with anthropology faculty advisors, students may count up to six credits (two courses) as electives towards the anthropology major from approved courses in other departments.

The subject matter of anthropology is such that most of the curriculum is not an explicitly ordered sequence. Few anthropology courses at Tulane have specific prerequisites (exceptions, mostly linguistic courses, are noted in the catalog), and anthropology majors are expected to choose their courses from among all those with numbers less than 7000. The 6000-level courses are specifically designed for undergraduate as well as graduate students, and all junior and senior majors should choose freely from among these offerings.

Anthropology majors are eligible to apply for the 4+1 program in anthropology, based on consultation with advisors and other mentors. Students in the 4+1 program can earn B.A. or B.S. degrees in anthropology within four years, and M.A. degrees in anthropology based on an additional year of graduate coursework in anthropology taken during their fourth and fifth years. Requirements for this program are outlined on the departmental web site and in the anthropology majors handbook.

The anthropology department administers the Kenneth J. Opat Fund in Anthropology, reserved for the support of undergraduate research in anthropology. Students majoring in anthropology are

encouraged to seek further information from their anthropology advisors about the use of this research fund.

Applied Computing Systems and Technology

Required Courses

- CPST 1200 Fundamentals of Info. Systems and Information Technology
- CPST 2200 Programming Fundamentals
- CPST 2300 Database Fundamentals
- CPST 3600 IT Hardware & Software Fundamentals
- CPST 3700 Networking Fundamentals
- CPST 3900 Fundamentals of Information Security & Assurance

**Students may elect any of the following three options.
Choose six courses from one of the following
concentrations :**

Option: Business Systems Analysis Concentration

- CPST 3500
- CPST 3550
- CPST 4500
- CPST 4550
- One 2000 - level or above CPST elective

One from:

- CPST 3250 Human - Computer Interaction or
- CPST 4320 Business intelligence

Option: Information Technology Concentration

- CPST 3500
- CPST 3610
- CPST 3650
- CPST 3690
- CPST 3710
- CPST 3930
- CPST 4350
- CPST 4610
- CPST 4640
- CPST 4650
- CPST 4670
- CPST 4700
- CPST 4710
- CPST 4750
- CPST 4930
- CPST 4950

Option : Integrated Application Development Concentration

- CPST 3250
- CPST 3310
- CPST 3550
- CPST 4250
- One 2000 - level or above CPST elective

One from:

- CPST 3220 Object - Oriented Programming with Java
- CPST 3230 Programming in C++
- CPST 3400 Website Develop with XML/XHTML
- CPST 3410 Website Develop with JavaScript CPST 3430 Website Develop with ASP

Architecture, B.A.

The Bachelor of Science in Architecture (BSA) degree is a 4-year-long undergraduate course of study. This program offers an integrated curriculum in the liberal arts and architecture designed to promote an understanding of design as a cultural expression while providing a strong preparation for graduate professional study in architecture or an array of other potential career paths. The BSA is a pre-professional degree in architecture that allows flexibility in the potential for double majoring and opportunities to join the architecture program after the freshman year. Graduates of this program are prepared to work in architectural or related offices and those who wish to become licensed architects would typically pursue a 2-year course of graduate study to attain an accredited professional degree in architecture. Many graduates of this program will choose work or graduate education in a wide variety of areas including law, business, real estate, preservation, planning, and landscape architecture.

YEAR 1

Fall Semester Semester Total 14-15

- AHST 1110 - Intro to Architecture 3
- English 1010 (must complete first year) 3
- Foreign Language 3-4
- University Elective 3
- TIDES (must complete first year) 1

Spring Semester Semester Total 15-17

- University Elective 3
- Humanities⁺⁺⁺⁺ 3
- Foreign Language 3-4
- Social Science⁺⁺⁺ 3
- Quantitative Reasoning⁺⁺ 3-4

YEAR 2

Fall Semester Semester Total 15-16

- DSGN 1100 Architecture Studio 4
- AVSM 1100 Visual Media 2
- AHST 3010 Hist/Theory of Arch & Urb I (fine arts req.) 3
- Lab Science - PHYS 1050 Physics for Architects⁺ 3-4
- University Elective 3

Spring Semester Semester Total 15

- DSGN 1200 Architecture Studio 4
- ADGM 1200 Digital Media I 2
- AHST 3020 Hist/Theory of Arch & Urb II (fine arts req.) 3

- University Elective 3 Non-Lab Science⁺ 3

YEAR 3

Fall Semester Semester Total 15

- DSGN 2100 Architecture Studio 6
- ADGM 3100 Digital Media II (satisfies fine arts req.) 3
- AHST 3030 Hist/Theory of Arch & Urb III (fine arts req) 3
- ATCS 3010 Site Strategies 3

Spring Semester Semester Total 15

- DSGN 2200 Architecture Studio/Project 6
- ATCS 3020 Materials and Methods 3
- ADGM 3200 Digital Media III (satisfies fine arts req.) 3
- Social Science⁺⁺⁺ 3

YEAR 4

Fall Semester Semester Total 15

- DSGN 3100 Architecture Studio 6
- ATCS 4010 Structural Systems 3
- Architecture Elective 3
- University Elective 3

Spring Semester Semester Total 16

- DSGN 4200 Options Studio 6
- ATCS 3030 Building, Climate and Comfort 4
- ASTP 4^{***} Capstone Seminar 3
- University Elective 3

Total Credits: 120-124

* Note that University Core & Elective Courses, with the exception of TIDES and English Composition, may be completed at any time during the student's curriculum.

** To satisfy the Writing Intensive Newcomb-Tulane Core Requirement students must take at least one course that contains a Writing Intensive component.

*** Students must satisfy the Perspectives requirement housed under the Cultural Knowledge component of the core by completing one course from the approved list of courses from the "Western Tradition" and with one course from either the approved "Outside the Western Tradition" or "Comparative Cultures and International Perspectives" lists.

⁺ PHYS 1050 satisfies the laboratory science distribution under the Scientific Inquiry component

of the core curriculum. In addition to the four credit laboratory science, students must take an additional course (three credit hours minimum) in any of the following disciplines: Astronomy, Cell and Molecular Biology, Chemistry, Earth and Environmental Science, Ecology and Evolutionary Biology, Mathematics, Neuroscience, Physics, Psychology.

⁺⁺ Students are strongly encouraged to take MATH 1150: Long Calculus I, MATH 1210: Calculus I, or MATH 1310: Consolidated Calculus. Students may also satisfy the Quantitative Reasoning requirement with MATH 1110: Probability and Statistics.

⁺⁺⁺ Courses offered in the following disciplines satisfy the Social Science distribution: Anthropology, Economics, Gender and Sexuality Studies, History, International Development, Latin American Studies, Political Economy, Political Science, Public Health (only SPHU 1010 and SPHU 1020), Sociology. Students must complete six credit hours in the Social Sciences.

⁺⁺⁺⁺ Courses offered in the following disciplines satisfy the Humanities distribution: Arabic, Architectural Urban Studies, Chinese, Classical Studies, Communication, English, French, German, Haitian, Italian, Japanese, Jewish Studies, Latin, Literature, Philosophy, Portuguese, Russian, Spanish, Vietnamese. Students must complete three hours in the Humanities. Students may not apply language courses to both the Foreign Language requirement and the Humanities requirement. Language instruction courses can apply to the Humanities distribution after the proficiency requirement has been met. Fully approved and accredited through the Southern Association of Colleges and Schools.

Architecture, M. Arch

The Master of Architecture program is structured with required courses and electives to give students thorough professional preparation and opportunities for study in the liberal arts and advanced study in architecture.

First Year

First-year courses include required study in design, visual and digital media, architectural history and theory, technological systems, writing, and other electives in cultural knowledge and scientific inquiry. The emphasis in first-year design is on developing a fundamental understanding of formal, spatial and material principles in architecture, while obtaining a strong skill base in freehand drawing, descriptive geometry, material techniques, and visual and digital media. First year electives allow students to supplement their background in physics or calculus, begin or advance foreign language study, broaden their skills in the arts, or choose any other subject area from among over forty offered by the University's undergraduate divisions. In their first semester, students may also participate in one of the many TIDES (Tulane InterDisciplinary Experience) courses offered by the University to engage other students and faculty in an intimate, interactive environment.

Second and Third Years

Second and third-year courses cover the majority of the program requirements. Intensive studio work in architectural design is complemented by study in architectural history and theory, structures, technological systems, digital media and urban studies. In second-year, students are fully immersed in digital design techniques while learning to incorporate knowledge from historic, environmental, social, programmatic and technological studies into the design studio. This is followed by third-year, where, in the second semester, a fully integrated program of coursework allows students a truly synthetic experience in the comprehensive design of a complex architectural project.

Fourth Year

The fourth-year curriculum involves advanced architectural design in elective studio courses as well as graduate level seminars in architectural theory, technology, professional concerns, urban studies, and digital media. In the fourth year of study, emphasis is placed on the relationship of architecture to the urban environment, both locally and globally. Students will spend one semester at the Tulane City Center, studying in one of the many programs ranging from urban design, to housing, to design/build. In the fourth-year, students will also have the opportunity for international study through various programs ranging from one week to full semester abroad programs in Europe, Latin America and Asia. Upper level study is intended to be diverse and includes many electives intended to provide significant opportunities for study within architecture as well as in the liberal arts and sciences.

Fifth Year

In the fifth year of study, students will develop an advanced thesis through research, analysis and

design in one of four curricular streams. In addition to academic year studies, students are also required to spend two summers working in architecture firms in order to gain an understanding of architecture as a profession.

Transfer Students

Transfer students with previous college work but without any background in architecture may take an intensive summer curriculum as the equivalent of first-year. The intensive summer program includes no English or general electives because previous college work is a prerequisite. For such students, the Master of Architecture as a first college degree may then be obtained in four additional years.

YEAR 1

Fall Semester Semester Total 17-18

- DSGN 1100 - Design Studio 4
- AVSM 1100 - Visual Media I 2
- AHST 1110 - Introduction to Architecture 3
- English 1010 (must complete first year) 4
- TIDES (must complete first year) 1
- Foreign Language 3-4

Spring Semester Semester Total 15-17

- DSGN 1200 - Design Studio 4
- ADGM 1200 - Digital Media I 2
- Non-lab Science 3
- Quantitative Reasoning 3-4
- Foreign Language 3-4

YEAR 2

Fall Semester Semester Total 19

- DSGN 2100 - Architecture Studio 6
- ADGM 3100 - Digital Media II* 3
- AHST 3010 - Hist/Theory of Arch & Urb I* 3
- ATCS 3010 - Site Strategies for Architects 3
- Lab Science 4

Spring Semester Semester Total 19

- DSGN 2200 - Architecture Studio 6
- ADGM 3200 - Digital Media III * 3
- AHST 3020 - Hist/Theory of Arch & Urb II* 3

- ATCS 3020 - Materials and Methods 3
- ATCS 3030 - Building, Climate and Comfort 4

YEAR 3

Fall Semester Semester Total 19

- DSGN 3100 - Architecture Design Studio 6
- AHST 3030 - Hist/Theory of Arch & Urb III* 3
- ATCS 4010 - Structural Systems 4
- APFC 4100 - Professional Concerns I 3
- Social Science 3

Spring Semester Semester Total 16

- DSGN 3200 - Comprehensive Design Studio 6
- ATCS 4020 - Integrated Building Systems 4
- APFC 4200 - Prof. Concerns II: BIM 3
- University Elective 3

YEAR 4

Fall Semester Semester Total 18

- DSGN 4100 - Options Studio 6
- Architecture Elective 3
- Social Science 3
- University Electives 6

Spring Semester Semester Total 15

- DSGN 4200 - Options Studio 6
- Advanced History/Theory Elective 3
- Architecture Elective 3
- Humanities 3

YEAR 5

Fall Semester Semester Total 15

- DSGN 5100 - Options Studios 6
- AHST 5110 - Thesis Research 3
- Architecture Elective 3
- University Elective 3

Spring Semester Semester Total 15

- DSGN 5200 - Thesis Studio 6
- Architecture Thesis Support Elective 3
- Architecture Elective 3
- University Elective 3

168-171 Total

123 Architecture courses total

45-48 Courses without Architectural Content

NAAB requires 168 total hours.

NAAB requires 30 hours of graduate level courses in professional studies and electives.

NAAB requires 45 hours to be taken in courses without architectural content.

Two internships required during the program.

* Note that University Core & Elective Courses, with the exception of TIDES and English Composition, may be completed at any time during the student's curriculum.

** To satisfy the Writing Intensive Newcomb-Tulane Core Requirement students must take at least one course that contains a Writing Intensive component prior to the beginning of Fifth Year. Students must also satisfy the Perspectives requirement housed under the Cultural Knowledge component of the core by completing one course from the approved list of courses from the "Western Tradition" and with one course from either the approved "Outside the Western Tradition" or "Comparative Cultures and International Perspectives" lists.

+ PHYS 1210 satisfies the laboratory science distribution under the Scientific Inquiry component of the core curriculum. In addition to the four credit laboratory science, students must take an additional course (three credit hours minimum) in any of the following disciplines: Astronomy, Cell and Molecular Biology, Chemistry, Earth and Environmental Science, Ecology and Evolutionary Biology, Mathematics, Neuroscience, Physics, Psychology.

++ Students are strongly encouraged to take MATH 1150: Long Calculus I, MATH 1210: Calculus I, or MATH 1310: Consolidated Calculus. Students may also satisfy the Quantitative Reasoning requirement with MATH 1110: Probability and Statistics.

+++ Courses offered in the following disciplines satisfy the Social Science distribution: Anthropology, Economics, Gender and Sexuality Studies, History, International Development, Latin American Studies, Political Economy, Political Science, Public Health (only SPHU 1010 and SPHU 1020), Sociology. Students must complete six credit hours in the Social Sciences.

++++ Courses offered in the following disciplines satisfy the Humanities distribution: Arabic, Architectural Urban Studies, Chinese, Classical Studies, Communication, English, French, German, Haitian, Italian, Japanese, Jewish Studies, Latin, Literature, Philosophy, Portuguese, Russian, Spanish, Vietnamese. Students must complete three hours in the Humanities. Students may not apply language courses to both the Foreign Language requirement and the Humanities requirement. Language instruction courses can apply to the Humanities distribution after the

proficiency requirement has been met.

Art History Major

The major in art history is designed to impart an understanding of the historical development and context of art, primarily in western Europe and the Americas. Majors are required to take 33 credits in art history, which must include a two-semester survey (ARHS 1010 and ARHS 1020) and a minimum of nine advanced classes or 27 credits distributed among three broad areas. At least two courses should be in two of the following fields and at least one course in the other: (1) Ancient, Pre-Columbian, and African, Asian (before 1300), Medieval; (2) Renaissance, Baroque, colonial Latin American, and Asian (early modern period); (3) American, African Diaspora, and modern/contemporary art. At least two other courses must be seminars at the 6000-level. Students are also encouraged to take a foundations course in studio art for the insight provided into the making of works of art. A limited number of internships in local museums are available for academic credit. A one-credit writing practicum that satisfies the college intensive writing requirement is available with art history courses at the 6000-level.

Studio Art, B.F.A.

The bachelor of fine arts provides a pre-professional introduction to the visual arts with a greater degree of concentration on courses in the studio area. It incorporates a comprehensive exploration into studio art practices. Students learn formally, conceptually, and technically how to create art through the various disciplines of ceramic, drawing, digital art, glass, painting, photography, printmaking and sculpture. For the B.F.A. in studio art, the student must fulfill all general requirements as described in the liberal arts curriculum including those of the Newcomb-Tulane College core with the following exceptions: two courses required in the sciences and mathematics category instead of three; and two courses required in the social science category instead of three.

The B.F.A. requires at least 54 art credits, of which a minimum of 51 must be in studio courses, including three courses from among six in the Foundations of Art series. (If two foundation courses are taken in two-dimensional areas, the third must be taken in a three dimensional area or vice versa.) The studio requirements are 1050 and 1060; two drawing courses at the 2000-level or higher; at least eight electives at the 2000-level or higher, six of which must be in an area of concentration; and Major Project ARST 5010 and ARST 5020 that constitute the BFA thesis and the senior capstone experience. Also, three courses in art history are required: Art History ARHS 1010, ARHS 1020, and one additional course which must be a contemporary or modern art history course, 19th century - present. The studio capstone course ARST 4800 is required. No more than half of required studio and art history courses can be transferred into the degree program.

Transfer students wishing advanced standing in studio courses toward the B.F.A. are required to submit representative examples of the work done for which credit has been received at another institution.

Incoming first-year students who expect to be art majors are advised to take Art Studio ARST 1050 and three foundations courses during their first year. At the end of the sophomore year, the art department studio faculty will assign an adviser. Candidates for the B.F.A. are allowed to take only one level of a studio course sequence in summer school.

Declaration of the B.F.A. major is contingent on the acceptance by the faculty and must be done at least one year before graduation. Review of applications will take place once at the end of each semester. Applications must include: (1) major declaration form; (2) current degree audit sheet; (3) portfolio of 5-10 pieces of artwork in any medium. The faculty strongly suggests that the student meet with his/her major studio professor before initiating this process. Accepted candidates will then be reviewed and evaluated during the spring semester of their junior year and late in the fall semester of their senior year.

In the senior year, each candidate for the B.F.A. develops a substantial body of studio work in Major Project ARST 5010 and ARST 5020 which constitute the capstone experience. The art studio faculty will review each project at the end of the fall and spring semester. A grade of (B) or higher is mandatory for continuation in the B.F.A. program. The studio faculty will review the completed B.F.A. thesis show. If in the judgment of the faculty in the Art Department, the work demonstrates sufficient evidence of artistic accomplishment, the student will be recommended for graduation.

Studio Art Major

The major in studio art incorporates a comprehensive exploration into studio art practices. Students learn formally, conceptually, and technically how to create art through the various disciplines of ceramic, drawing, digital art, glass, painting, photography, printmaking and sculpture.

For a B.A. in studio art, the student must fulfill all general requirements as described in the liberal arts curriculum including those of the Newcomb-Tulane College core. In addition, the B.A. in studio art program requires a total of 39 credits. The B.A. requires 30 credits in studio courses including three courses from among six in the Foundations of Art Series. (If two foundations courses are taken in two-dimensional areas, the third must be taken in a three-dimensional area or vice-versa.) Also required are ARST 1050 and ARST 1060. Of the remaining studio credits, at least 9 credits must be in one area beyond the 1000-level, three credits may be in any other studio area above the 1000-level, and the remaining three must be fulfilled with the department capstone course (ARST 4930 offered only in the spring semester). Also 3 courses in art history are required, these include ARHS 1010 and ARHS 1020, and one additional course which must be a contemporary or modern art history course, 19th century - present. No more than half of required studio and art history courses can be transferred into the degree program.

Asian Studies

Undergraduates with an interest in Asia matriculating in 2014 and later may pursue a major in Asian Studies, as well as minors in Chinese Language or Japanese Language.

Asian Studies Major

The major in Asian Studies is designed so that students may pursue their particular areas of interest within the Asian Studies program offerings. The major consists of ten courses; students may fulfill these course requirements with courses taken for either three or four credits.

Specific measurable learning outcomes of students graduating with a major in Asian Studies.

1. Possess at least an elementary proficiency in Chinese (Mandarin), Japanese, or Vietnamese.
2. Possess at least a basic understanding of the historical, social, and cultural background of at least two out of the three-targeted countries (China, Japan, and Vietnam).
3. Able to locate, evaluate and utilize research materials germane to Asian studies.
4. Able to analyze and interpret specific issues and to develop arguments for research papers related to Asia.

Requirements

- 2 courses in an Asian language (students who demonstrate proficiency in an Asian language may substitute other Asian Studies courses).
- Language Courses taken in fulfillment of the foreign language requirement may not count toward a major.
- 8 additional courses within Asian Studies.

(a) Students should take at least one of the following gateway content courses that either introduce them to Asian Studies (ASTA 1800 core course) or expose them to the major disciplinary concerns of various fields of study that focus on Asia. Here is a current listing of the relevant courses:

- ASTA 1800 Introduction to Asian Studies
- ASTA 3000 Chinese Literature in Translation
- ASTA 3180 People of South Asia
- ASTA 3510 Pre-Modern Japanese Culture
- ASTA 3520 Modern Japanese Culture
- ASTA 3540 Anime, Japan, and Globalization
- ASTA 3810 Modern Chinese Literature and Society
- ASTA 3910 Special Offerings in Asian Studies
- ASTA 3920 Special Offerings in Asian Studies
- ANTH 3030 Contemporary Chinese Society
- ANTH 3080 East Asia
- ANTH 3160 Peoples of the Pacific
- ANTH 3180 Ethnic China
- ANTH 3370 Locating Southeast Asia

- ANTH 3770 Global Vietnam
- ECON 3740 Asian Pacific Economic Development
- HISC 2010 History of China, Prehistory to 1800
- HISC 2020 History of China, 1800 to Present
- HISC 2910 Special Topics in Asian Studies
- HISC 3910 Special Topics in Asian Studies •PHIL 3500 Buddhism
- POLC 3380 Asian Governments
- POLI 3660 The Rise of China
- THEA 3030 Suzuki Method of Acting
- SOCI 1460 Contemporary Asian Communities

(b) Students will take at least one advanced content course in Asian Studies. This can be either a 4000-level course or a 6000-level seminar. Here is a current listing of the relevant Asian Studies courses:

4000-level:

- ASTA 4500 Special Topics in Japanese Literature
- COMM 4330 Global Media, Politics, and Culture: Globalization and Malaysian Film
- HISC 4910 Special Topics in Asian Studies
- POLC 4350 Chinese Politics
- POLT 4870 Asian Political Thought

6000-level:

- ASTJ 6070 Languages and Linguistics of Japan
- ANTH 6070 Contemporary Chinese Society
- ANTH 6180 Ethnic China •
- HISC 6210 The PRC: China under Communism
- HISC 6310 China in Revolution, 1900-1949
- HISC 6410 Empire and Rebellion in China
- HISC 6510 Imperialism in East Asia
- HISC 6610 Seminar on Modern Japan
- HISC 6910 Special Topics in Asian History
- POLC 6930 Regime Change in Asia

(c) Students need to complete a writing-intensive practicum, either by taking a 4000-level or 6000-level course with a writing-intensive section or by completing ASTA 5100-01 Asian Studies Senior Colloquium.

(d) Students need to complete a capstone requirement by •writing a senior thesis •enrolling in ASTA 5100-01 Asian Studies Senior Colloquium No more than 7 of the 10 required courses may focus on a same country or its language. Please note that if students have another major apart from Asian Studies, students must have at least 18 separate courses in the two majors. That is, if you make a list of all the courses that are used to complete your major requirements in the two majors, and then count each course once, even if it appears on both lists, there should be at least 18 courses. If a third major is added, there must be a total of 27 separate courses for the three majors; for 4 majors, there must be at least 36 separate courses, etc.

- No more than 7 of the 9 required courses may focus on a same country or its language.

Please note that all students must have at least 18 separate courses in the primary major and the Asian Studies coordinate major. That is, if you make a list of all the courses that are used to complete your primary major requirements, and another list of all the courses used to complete the Asian Studies coordinate major requirements, and then count each course once, even if it appears on both lists, there should be at least 18 courses. If a third major is added, there must be a total of 27 separate courses for the three majors; for 4 majors, there must be at least 36 separate courses, etc.

China Studies within the Asian Studies Program

Students selecting to pursue the China track within the Asian Studies major must complete five Chinese-related classes as part of the overall requirements for the major. At least two Chinese language classes must be included within the five required track courses. However, students who use Chinese language classes to fulfill the Newcomb-Tulane language proficiency requirement may elect to take five non-language courses to fulfill the track requirements. At least two of these courses must be at or beyond the 3000-level. No more than five Chinese language courses may be applied to the China track requirements. In addition, at least half of the required credits must be taken on the Tulane campus or through a Tulane approved off-campus program. In the case of special topics courses, only China-related topics will be considered and pre-approval is required from the Director of Asian Studies. Specific measurable learning outcomes of students graduating with a coordinate major in Asian Studies with a concentration in the China track.

1. Possess at least an elementary proficiency in Chinese.
2. Possess at least a basic understanding of the historical, social, and cultural background of China.
3. Able to locate, evaluate and utilize research materials germane to Chinese studies.

Japan Studies within the Asian Studies Program

Students selecting to pursue the Japan track within the Asian Studies coordinate major must complete five Japanese-related classes as part of the overall requirements for the major. At least two Japanese language classes must be included within the five required track courses. However, students who use Japanese language classes to fulfill the Newcomb-Tulane language proficiency requirement may elect to take five non-language courses to fulfill the track requirements. At least two of these courses must be at or beyond the 3000-level. No more than five Japanese language courses may be applied to the Japan track requirements. In addition, at least half of the required credits must be taken on the Tulane campus or through a Tulane approved off-campus program. In the case of special topics courses, only Japan-related topics will be considered and pre-approval is required from the Director of Asian Studies. Specific measurable learning outcomes of students graduating with a coordinate major in Asian Studies with a concentration in the Japan track.

1. Possess at least an elementary proficiency in Japanese.
2. Possess at least a basic understanding of the historical, social, and cultural background of Japan.
3. Able to locate, evaluate and utilize research materials germane to Japanese studies.

Minor in Chinese Language

Students selecting a minor in Chinese Language must complete six Chinese language courses. Chinese language courses used to fulfill the undergraduate language proficiency requirement may not be counted toward this minor. (Note: students who use Chinese language courses to satisfy the undergraduate language proficiency requirement may not find sufficient additional Chinese language courses available to complete the minor.)

Minor in Japanese Language

Students selecting a minor in Japanese Language must complete six Japanese language courses. Japanese language courses used to fulfill the undergraduate language proficiency requirement may not be counted toward this minor. (Note: students who use Japanese language courses to satisfy the undergraduate language proficiency requirement may not find sufficient additional Japanese language courses available to complete the minor.)

Chinese Language Courses

- ASTC 1010 Beginning Chinese I
- ASTC 1020 Beginning Chinese II
- ASTC 2030 Intermediate Chinese I
- ASTC 2040 Intermediate Chinese II
- ASTC 3010 Chinese Conversation and Composition I
- ASTC 3020 Chinese Conversation and Composition II
- ASTC 3050 (same as ASTA 3050) Advanced Chinese I
- ASTC 3060 (same as ASTA 3060) Advanced Chinese II
- ASTC 3511 Introduction to Chinese Linguistics
- ASTC 4070 Advanced Chinese Reading and Writing

Japanese Language Courses

- ASTJ 1010 - Beginning Japanese I
- ASTJ 1020 - Beginning Japanese II
- ASTJ 2030 - Intermediate Japanese I
- ASTJ 2040 - Intermediate Japanese II
- ASTJ 3050 - Advanced Japanese I: Speaking and Listening
- ASTJ 3060 - Advanced Japanese II: Reading and Writing
- ASTJ 6070 - Languages and Linguistics of Japan

Biological Chemistry Major

A major in Biological Chemistry must include the cell and molecular biology, chemistry, physics and mathematics courses in lists I – IV below. At least two elective courses, selected from list V, must also be included. In addition, an appropriate six-credit special project (list VI) integrating the student's biological and chemical studies, is also required. (This satisfies the capstone requirement).

Because of the interdisciplinary nature of the Biological Chemistry major, students in this program may not minor in chemistry, cell and molecular biology, or ecology and evolutionary biology.

I. Cell and Molecular Biology Required Courses

- CELL 1010 - General Biology
- CELL 2050 - Genetics
- CELL 3750 - Cell Biology
- CELL 3030 - Molecular Biology
- CELL 3035 - Molecular Biology Laboratory
- CELL 4220 - Microbiology

II. Chemistry Required Courses

- CHEM 1070 - General Chemistry I
- CHEM 1075 - General Chemistry Laboratory I
- CHEM 1080 - General Chemistry II
- CHEM 1085 - General Chemistry Laboratory II
- CHEM 2410 - Organic Chemistry I
- CHEM 2415 - Organic Chemistry Laboratory I
- CHEM 2420 - Organic Chemistry II
- CHEM 2425 - Organic Chemistry Laboratory II
- CHEM 3120 - Physical Chemistry II
- CHEM 3125 - Physical Chemistry Laboratory II
- CHEM 3830 - Introduction to Biochemistry
- CHEM 3835 - Introduction to Biochemistry Laboratory
- CHEM 3840 - Intermediate Biochemistry

III. Physics Required Courses

- PHYS 1310 - General Physics I
- PHYS 1320 - General Physics II

IV. Mathematics Required Courses

- MATH 1210 - Calculus I
- MATH 1220 - Calculus II
- MATH 2210 - Calculus III

Note:

MATH 1310 Consolidated Calculus may be taken in lieu of 1210 and 1220.

V. Elective Courses

- CELL 3050 - Foundations of Pharmacology
- CELL 3210 - Cellular Physiology
- CELL 3310 - Cellular Neuroscience
- CELL 3320 - Systems Neuroscience
- CELL 3755 - Cell Biology Laboratory
- CELL 4130 - Embryology
- CELL 4160 - Developmental Biology
- CELL 4225 - Microbiology Laboratory
- CELL 4340 - Neurobiology of Disease
- CELL 4370 - Molecular Neurobiology
- CELL 4710 - The Molecular Biology of Cancer
- CELL 4780 - Developmental Genetics
- CENG 2500 - Introduction to Biotechnology and Biomolecular Engineering
- CENG 4710 - Biochemical Engineering
- CHEM 3110 - Physical Chemistry I
- CHEM 3310 - Instrumental Analysis
- CHEM 4430 - Nucleic Acid Chemistry
- EBIO 3330 - Human Physiology
- MATH 1230 - Statistics for Scientists
- NSCI 6530 - Psychopharmacology
- PHYS 3210 - Molecular Biophysics and Polymer Physics

VI. Independent Studies

1 year (research and/or honors thesis) selected from:

- BMEN 4890 - Service Learning: Beyond Design
- BMEN 4900 - Biomedical Research and Professional Practice I
- BMEN 4910 - Biomedical Research and Professional Practice II
- CELL 4910 - Independent Studies
- CELL 4920 - Independent Studies
- CELL 4950 - Special Projects in Cell and Molecular Biology
- CELL 4960 - Special Projects in Cell and Molecular Biology
- CELL H4990 - Honors Thesis
- CELL H5000 - Honors Thesis

- CENG 4820 - Undergraduate Independent Studies
- CENG 4920 - Undergraduate Independent Studies
- CHEM 4010 - Research and Seminar
- CHEM 4020 - Research and Seminar
- CHEM H4990 - Honors Thesis
- CHEM H5000 - Honors Thesis

Biomedical Engineering

The Biomedical Engineering curriculum is continuously evolving with the field. Below, we provide the curriculum for the Class of 2013. Up-to-date curricula for each class can be found at <http://www.bmen.tulane.edu>

Freshman Year, Semester One: 18 Hours

- MATH 1210 - Calculus I
- CHEM 1070 - General Chemistry I
- CHEM 1075 - General Chemistry Laboratory I
- ENGL 1010 - Writing
- PHYS 1310 - General Physics I
- TIDES Tulane Inter. Exp. Sem. (1)
- Service Learning (1) (1st or 2nd year) *

Freshman Year, Semester Two: 18 Hours

- MATH 1220 - Calculus II
- CHEM 1080 - General Chemistry II
- CHEM 1085 - General Chemistry Laboratory II
- CULT Cultural Knowledge Elective (3)
- PHYS 1320 - General Physics II
- ENGP 1410 - Statics

Sophomore Year, Semester One: 17 Hours

- MATH 2210 - Calculus III
- CELL 1010 - General Biology
- CELL 2115 - General Biology Laboratory
- ENGP 2010 - Electric Circuits
- ENGP 2430 - Mechanics of Materials
- BMEN 2310 - Product and Experimental Design

Sophomore Year, Semester Two: 18 Hours

- MATH 2240 - Introduction to Applied Mathematics
- BMEN 2600 - Introduction to Organic and Bio-Chemistries
- BMEN 2730 - Biomedical Electronics with Lab
- ENGP 3120 - Materials Science and Engineering
- BMEN 2020 - Computational Concepts and Applications

Junior Year, Semester One: 16 Hours

- BMEN 3035 - Anatomy and Physiology Lab for Engineers
- BMEN 3440 - Biofluid Mechanics
- BMEN 3710 - BMEN Seminar

- BMEN 3xx "Domain" class (3)
- PELECT Professional Elective (3) **
- CULT Cultural Knowledge Elective (3)

Junior Year, Semester Two: 15 Hours

- BMEN 3070 - Quantitative Physiology
- BMEN 3075 - Quantitative Physiology Lab
- BMEN 3820 - Mathematical Modeling and Analysis of Biological Systems
- BMEN 3xx "Domain" class (3)
- BMEN 4900 - Biomedical Research and Professional Practice I
- CULT Cultural Knowledge Elective (3)

Senior Year, Semester One: 13 Hours

- BMEN 4030 - Team Design Projects I
- BMEN 4910 - Biomedical Research and Professional Practice II
- BMEN 6720 - Research Day Conference
- CULT Cultural Knowledge Elective (3)
- CULT Cultural Knowledge Elective (3)
- ELECT Professional Elective (3) **

Senior Year, Semester Two: 12 Hours

- BMEN 4040 - Team Design Projects II

Note(s)

* Students are required to take a 1-hour "service learning" course before the end of the Sophomore year.

** One Professional Elective must be a BMEN6xxx advanced class, following up on a BMEN3xxx domain class.

Bachelor of Science in Public Health

BACHELOR OF SCIENCE IN PUBLIC HEALTH

The Tulane Bachelor of Science in Public Health (BSPH) degree is an academic degree which addresses the health of populations and communities through instruction, service, and community based research. The degree is firmly grounded in a background of humanities, social science and the liberal arts. The degree fulfills Tulane University's campus-wide undergraduate core proficiency through this background while stressing an additional commitment to quantitative and scientific skills. See tulane.edu/publichealth/bsph/degree-requirements-2011.cfm for the 2011-12 degree requirements.

NEWCOMB-TULANE CORE PROFICIENCIES

- See University Catalog

ADDITIONAL BSPH PROFICIENCIES

- Writing Intensive Course or Writing Practicum
- Mathematics: One additional course
- Foreign Language: Complete proficiency to the 2030-level or above

PUBLIC HEALTH BASIC CORE (24 credits)

- SPHU 1010 - Epidemics, Revolutions, and Response: Introduction to Public Health
- SPHU 1020 - The Cell, The Individual, and The Community
- SPHU 2150 - Foundations of Environmental Health
- SPHU 3010 - Foundations of Health Care Systems
- SPHU 3110 - Social and Behavioral Perspectives in Public Health
- SPHU 3160 - Biostatistics in Public Health
- SPHU 3170 - Foundations in Epidemiology
- SPHU 4010 - Foundations and Formulation of Public Health Policy

SPHU 4560 - CAPSTONE (3 credits)

Students are eligible to complete their capstone after five semesters as an undergraduate, and with a majority of their other program requirements completed. See capstone options at tulane.edu/publichealth/bsph/bsph-internships.cfm.

BSPH ELECTIVES (18 credits)

The BSPH Electives provides the student a chance to focus on specialized knowledge which complements their core classes. In recognition of the multi-disciplinary nature of public health, students are encouraged to consider classes in other academic fields and consult with their academic and faculty advisors to discuss ways to integrate fields in the liberal arts and sciences into their curriculum. Certain pre-medical classes, as well as a few graduate-level classes are

acceptable for this requirement.

Students must complete a minimum of six classes for a minimum of 18 hours in order to complete this requirement.

A minimum of 3 courses for a minimum of 9 credit hours must be completed in classes offered by public health faculty.

Public Health Electives:

- SPHU 2050 Arthropods & Public Health
- SPHU 2016 Evolution, Microbes, and Disease Emergence
- SPHU 2220 Concepts of Health & Wellness
- SPHU 2333 Introduction to Global Material and Child Health
- SPHU 3015 Public Health Program Implementation and Management
- SPHU 3020 Data and Information in Public Health Practice
- SPHU 3120 Issues and Strategies in Public Health
- SPHU 3200 Nutrition and Chronic Disease
- SPHU 3300 Sustainable Nutrition
- SPHU 4200 Evidence Based Public Health
- SPHU 4210 Environmental Risk Assessment
- SPHU 4240 Epidemiology of Sexually Transmitted Infections
- SPHU 4300 Public Health Communication
- SPHU 4330 Introduction to Disasters, Resilience and International Relief
- SPHU 4400 Bioinformatics and Genomics
- SPHU 4440 Social Aspects of Infectious Diseases
- SPHU 4570 Internship (non-capstone)
- SPHU 4910 Independent Study
- SPHU 1940, SPHU 2940, SPHU 3940, SPHU 4940 Transfer credit class codes
- Any other SPHU class that is not a core class

Additional Electives:

- Any 2000 or higher level MATH class
- CELL 2050 Genetics
- SOCI 3030 Introduction to Research Design
- SOCI 3040 Introduction to Research Analysis
- HISU 3541 History of Reproductive Health
- POLC 4392 Controversies in Global Health
- ECON 3980 Economics & Health Care Reform
- Additional classes above the 2000-level as approved by the student's faculty advisor
- Study Abroad credits as approved by faculty advisor or from pre-approved list
- Graduate level Public Health classes taken as a senior or BSPH/MPH combined degree student

** MATH 1150 and MATH 1160 (Long Calculus) count as 1 MATH class. PHIL 1210 (Symbolic Logic) does not count as mathematics class for BSPH requirements.*

Cell and Molecular Biology Major

Students majoring in cell and molecular biology must complete a minimum of ten courses in the biology components, totaling at least 22 credits; 16 credits in chemistry ; and 8 credits of physics with laboratories. Students must also complete Calculus (MATH 1210 or 1310) and Statistics for Scientists (MATH 1230) to satisfy the major and BS requirements.

Chemistry Component

- CHEM 1070 - General Chemistry I
- CHEM 1080 - General Chemistry II
- CHEM 1075 - General Chemistry Laboratory I
- CHEM 1085 - General Chemistry Laboratory II
- CHEM 2410 - Organic Chemistry I
- CHEM 2420 - Organic Chemistry II
- CHEM 2415 - Organic Chemistry Laboratory I
- CHEM 2425 - Organic Chemistry Laboratory II

Math Component

- MATH 1210 Calculus I
or
- MATH 1310 Consolidated Calculus
or
- MATH 1150 Long Calculus I and MATH 1160 Long Calculus II

- MATH 1230 Statistics for Scientists

Physics Component

- PHYS 1210 - Introductory Physics I
- PHYS 1220 - Introductory Physics II
or
- PHYS 1310 - General Physics I
- PHYS 1320 - General Physics II

Cell and Molecular Biology Core Component

- CELL 1010 - General Biology
- CELL 2050 - Genetics
- CELL 3030 - Molecular Biology
- CELL 3750 - Cell Biology

- CELL 3755 - Cell Biology Laboratory
or
- CELL 3035 - Molecular Biology Laboratory

- one additional 3 or 4 credit CELL lecture or lecture/lab course.

Biochemistry Component

- CELL 4010 - Cellular Biochemistry
or
- CHEM 3830 - Introduction to Biochemistry
and
- CHEM 3840 - Intermediate Biochemistry
or
- CENG 4450 - Applied Biochemistry I
and
- CENG 4460 - Applied Biochemistry II

Elective Component

An additional three elective courses are required, with at least two of the three being laboratory oriented. One course involving independent laboratory research (either CELL 4910, CELL 4920, CELL 4950, CELL 4960, CELL H4990 or CELL H5000) may be used as a laboratory-oriented course in the electives requirement. Students may use approved courses from other departments to fill the elective component. A list of courses which fulfill this requirement is available on the CMB Department website or from the CMB Department office.

Capstone Component

Finally, students must complete a capstone course. A list of courses which fulfill the capstone requirement is available on the Department website or from the CMB Department office.

Chemical Engineering

CHEMICAL ENGINEERING PROGRAM OF STUDY

Core Chemical Engineering Courses

Courses numbered in the 1000s normally are taken in the freshman year; 2000s in the sophomore year; 3000s in the junior year; and 4000s in the senior year. Graduate courses are those numbered in the 6000s and 7000s; 6000-level courses may be taken by advanced undergraduates. The numbers in parentheses next to the course title indicate the course credit. The contact hours, or the actual number of weekly hours of lecture, laboratory, and other class work, are indicated after the credit.

First Year

Fall Semester

- CHEM 1070 - General Chemistry I
- CHEM 1075 - General Chemistry Laboratory I
- PHYS 1310 - General Physics I
- MATH 1210 - Calculus I
- TIDES
- ENGL 1010 - Writing

Total Credits 16

Spring Semester

- CHEM 1080 - General Chemistry II
- CHEM 1085 - General Chemistry Laboratory II
- PHYS 1320 - General Physics II
- MATH 1220 - Calculus II
- Cultural Knowledge 1

Total Credits 15

Second Year

Fall Semester

- CENG 2110 - Material and Energy Balances
- CENG 2500 - Introduction to Biotechnology and Biomolecular Engineering
- CHEM 2410 - Organic Chemistry I
- CHEM 2415 - Organic Chemistry Laboratory I
- MATH 2210 - Calculus III
- Cultural Knowledge 2

Total Credits 17

Spring Semester

- CENG 2120 - Thermodynamics I
- CENG 2320 - Transport Phenomena I
- CHEM 2420 - Organic Chemistry II
- CHEM 2425 - Organic Chemistry Laboratory II
- MATH 2240 - Introduction to Applied Mathematics
- Cultural Knowledge 3

Total Credits 17

Third Year

Fall Semester

- CENG 3110 - Thermodynamics II
- CENG 3230 - Numerical Methods for Chemical Engineers
- CENG 3330 - Transport Phenomena II
- CHEM - Advanced Chemistry 1*
- Cultural Knowledge 4

Total Credits 15

Spring Semester

- CENG 3240 - Unit Operations Lab
- CENG 3340 - Separation Processes
- CENG 4150 - Reactor Design
- Upper level Service Learning Course
- CHEM - Advanced Chemistry 2*

Total Credits 15/16

Fourth Year

Fall Semester

- CENG 4310 - Chemical Process Design Capstone
- CHEM Advanced Chemistry*
- Cultural Knowledge 5
- Engineering Elective
- Advanced Technical Elective
- Technical Elective

Total Credits 15/16

Spring Semester

- CENG 4750 - Practice School
- CENG 4500 - Chemical Process Control
- Cultural Knowledge 6
- Advanced Engineering Elective

Total Credits 15

Notes:

* Advanced Chemistry course can be chosen from

- CENG 4450 Applied Biochemistry I
- CENG 4460 Applied Biochemistry II
- CHEM 3110 Physical Chemistry I
- CHEM 3120 Physical Chemistry II
- CHEM 3210 Inorganic Chemistry
- CHEM 3310 Instrumental Analysis
- CHEM 3830 Introduction to Biochemistry
- CHEM 3840 Intermediate Biochemistry
- CHEM 4020 Neurochemistry
- CHEM 4230 Organometallic Chemistry – Transition Elements
- EENS 4360 Environmental Geochemistry

A Technical elective is any course offered within the School of Science and Engineering.

An Engineering elective is any non-required CENG course, a course offered by one of the engineering departments (BMEN, ENGP), or by Computer Science (CMPS or COSC). Note that a course such as CENG 4890, for example, could count as either a Technical or Engineering elective, but no single course can be used to satisfy two requirements. Advanced electives are defined as having course numbers of 3000 or higher.

Cognitive Studies

The coordinate major in cognitive studies combines a regular major with a curriculum in three tracks: formal disciplines, philosophical foundations and psychology. The program is designed to provide basic knowledge of current research on mind, cognition, and language.

The Cognitive Studies major consists of ten courses of which six are required and four elective. At least one elective must be in each of the three component tracks. With the director's consent, work in a different but relevant discipline may be substituted for, at most, one elective course. It is suggested that students interested in philosophy take an introductory course, preferably Philosophy 1040, Beginning with Minds.

Required Courses (Six courses, two in each track)

I. Formal Disciplines Track

- PHIL 1210 - Elementary Symbolic Logic
- ANTH 3590 - Introduction to Syntax
- LING 3010 - Semantics, the Study of Meaning

II. Philosophical Foundations Track

- PHIL 3740 - Consciousness
- PHIL 3750 - Mind and Knowledge
- PHIL 3760 - Interpreting Minds- PSYC 3760 Interpreting Minds
- PHIL 3800 - Language and Thought

III. Psychology Track

- PSYC 1000 - Introductory Psychology
- or
- PSYC 6380 - Cognitive Neuroscience

Electives (four courses, a minimum of one in each track)

I. Formal Disciplines Track

- NSCI 4110 - Brain and Language - LING 4110 Brain and Language

II. Philosophical Foundations Track

- PHIL 3870 - Mind in Evolution
- PHIL 6180 - Mental Representation

III. Psychology Track

1. PSYC 3210 - Child Psychology
2. PSYC 3260 - Infancy

3. PSYC 3450 - Research Methods in Social Cognition

Chemistry Major

Major Program

Students majoring in chemistry must satisfy the general requirements of the B.S. curriculum.

Required Courses:

- CHEM 1070 - General Chemistry I and
- CHEM 1075 - General Chemistry Laboratory I

- CHEM 1080 - General Chemistry II and
- CHEM 1085 - General Chemistry Laboratory II

- CHEM 2410 - Organic Chemistry I and
- CHEM 2415 - Organic Chemistry Laboratory I

- CHEM 2420 - Organic Chemistry II and
- CHEM 2425 - Organic Chemistry Laboratory II

- CHEM 3110 - Physical Chemistry I and
- CHEM 3115 - Physical Chemistry Laboratory I

- CHEM 3120 - Physical Chemistry II and
- CHEM 3125 - Physical Chemistry Laboratory II

- MATH 1210 - Calculus I
- MATH 1220 - Calculus II
- MATH 2210 - Calculus III
- MATH 2240 - Introduction to Applied Mathematics

- PHYS 1310 - General Physics I
- PHYS 1320 - General Physics II

Chemistry Elective Courses:

One of the lecture-lab combinations, 2310, 2330 or 3210 and 3230, or 3310 and 3330;

- CHEM 2310 - Quantitative Analysis and
- CHEM 2315 - Quantitative Analysis Laboratory
- or
- CHEM 3210 - Inorganic Chemistry and
- CHEM 3215 - Inorganic Chemistry Laboratory
- or
- CHEM 3310 - Instrumental Analysis and
- CHEM 3315 - Instrumental Analysis Laboratory

Other Elective Courses:

In order to complete the major, three additional, three-credit courses above the 1000-level are required. List of approved elective courses for the chemistry major. Check with the Chemistry Department for approval of other courses.

- CHEM 2310 - Quantitative Analysis and
- CHEM 2315 - Quantitative Analysis Laboratory *

- CHEM 2500 - Environmental Chemistry

- CHEM 3210 - Inorganic Chemistry and
- CHEM 3215 - Inorganic Chemistry Laboratory *

- CHEM 3310 - Instrumental Analysis and
- CHEM 3315 - Instrumental Analysis Laboratory *

- CHEM 3830 - Introduction to Biochemistry
- CHEM 4010 - Research and Seminar
- CHEM 4020 - Research and Seminar
- CHEM 4230 - Organometallic Chemistry
- CELL 2050 - Genetics
- CELL 3750 - Cell Biology
- CELL 3030 - Molecular Biology
- CELL 4010 - Cellular Biochemistry
- CELL 4110 - Cells and Tissues
- CELL 4130 - Embryology
- CELL 4220 - Microbiology
- CELL 6160 - Developmental Biology
- MATH 2170 - Discrete Mathematics
- MATH 3050 - Real Analysis I
- MATH 3090 - Linear Algebra
- MATH 3310 - Scientific Computing I
- MATH 4060 - Real Analysis II
- MATH 4210 - Differential Geometry
- MATH 4300 - Complex Analysis
- MATH 4410 - Topology
- MATH 6030 - Stochastic Processes
- MATH 6350 - Optimization
- PHYS 2350 - Modern Physics I
- PHYS 2360 - Modern Physics II
- PHYS 3010 - Theoretical Physics
- PHYS 3740 - Classical Mechanics
- PHYS 4650 - Optics
- PHYS 6010 - Theoretical Physics I
- PHYS 6020 - Theoretical Physics II
- PHYS 6080 - Surface Science
- PHYS 6210 - Molecular Biophysics and Polymer Physics

(*) A student must take one of these combinations as part of the 7 specified chemistry

courses, but may take one or both of the others as electives.

Additional Information:

Students intending to pursue graduate work in chemistry or in an allied interdisciplinary field should select their programs with care. Unless an interdisciplinary program of graduate work is contemplated, students should elect advanced chemistry courses, including 4010 and/or 4020 to complete the major. Close consultation with their department advisors will assure development of programs which can be recommended for graduate work.

The Department of Chemistry is fully accredited by the Committee on Professional Training of the American Chemical Society. The ACS will certify a degree which includes:

- CHEM 1070 - General Chemistry I and
- CHEM 1075 - General Chemistry Laboratory I

- CHEM 1080 - General Chemistry II and
- CHEM 1085 - General Chemistry Laboratory II

- CHEM 2410 - Organic Chemistry I and
- CHEM 2415 - Organic Chemistry Laboratory I

- CHEM 2420 - Organic Chemistry II and
- CHEM 2425 - Organic Chemistry Laboratory II
- CHEM 3110 - Physical Chemistry I and
- CHEM 3115 - Physical Chemistry Laboratory I

- CHEM 3120 - Physical Chemistry II and
- CHEM 3125 - Physical Chemistry Laboratory II

- CHEM 3210 - Inorganic Chemistry and
- CHEM 3215 - Inorganic Chemistry Laboratory

- CHEM 4230 - Organometallic Chemistry

- CHEM 2310 - Quantitative Analysis and
- CHEM 2315 - Quantitative Analysis Laboratory

- CHEM 3310 - Instrumental Analysis and
- CHEM 3315 - Instrumental Analysis Laboratory

- Eight credits of research, and one advanced course in chemistry, mathematics or physics.

Premedical students should elect:

- CHEM 1070 - General Chemistry I and
- CHEM 1075 - General Chemistry Laboratory I

- CHEM 1080 - General Chemistry II and
- CHEM 1085 - General Chemistry Laboratory II

- CHEM 2410 - Organic Chemistry I
- CHEM 2415 - Organic Chemistry Laboratory I
- CHEM 2420 - Organic Chemistry II
- CHEM 2425 - Organic Chemistry Laboratory II or their equivalents.

In addition:

- CHEM 2310 - Quantitative Analysis
- CHEM 2315 - Quantitative Analysis Laboratory are strongly recommended.

Classical Studies Major

The major consists of 30 credits in Greek, Latin, and/or Classics courses (27 credits if the student has multiple majors), with at least nine credits of which must be at the 4000-level.

Multiple Majors: Students with more than one major are required to complete only 27 credits for the major in our department.

Language Requirement: Greek or Latin courses may be used to satisfy the foreign language requirement. However, courses used to satisfy the language requirement cannot also be counted toward the major or minor

Computer Science

Required Freshman & Sophomore Courses:

- CMPS 1500 Intro. to Computer Science I (should be taken with CMPS 2170)
- CMPS 1600 Intro. to Computer Science II
- CMPS 2170 Discrete Mathematics (same as MATH 2170)
- CMPS 2200 Intro. to Algorithms
- CMPS 2300 Intro. to Computer Systems and Networking

Spring of Sophomore Year -Identify Computer Science Faculty member as Advisor and in consultation with Faculty Advisor, choose three CMPS courses at or above 3000 - level.

Junior Level Courses:

- CMPS 3110 Introduction to Computational Biology and Bioinformatics
- CMPS 3120/6120 Special Topics
- CMPS 3130/6130 Introduction to Computational Geometry
- CMPS 3140/6140 Introduction to Artificial Intelligence
- CMPS 3210/6210 Algorithms for Computational Structural Biology
- CMPS 3240/6240 Introduction to Machine Learning
- CMPS 3250/6250/MATH 3250/6250 Theory of Computation
- CMPS 3260/6260/MATH 3260/6260 Analysis of Algorithms
- CMPS 3280/6280/MATH 3280/6280 Information Theory
- CMPS 3300/6300 Software Studio
- CMPS 3310/6310 Logic in Computer Science

Spring of Junior Year -Student, Faculty Advisor, and primary Major Advisor should select subject of student's capstone project. A proposal outlining the project must be submitted to the computer science faculty for approval.

Senior Level Courses:

- CMPS 4010/4020 Capstone Project
- CMPS 4150/6150 Advanced Topics of Artificial Intelligence
- CMPS 4230/6230 Advanced Computational Geometry
- CMPS 4250/6250 / MATH 4250/6250 Mathematical Foundations of Computer Security
- CMPS 4610 Algorithms
- CMPS 4620 Artificial Intelligence
- CMPS 4630 Computational Biology and Bioinformatics
- CMPS 4640 Computational Geometry
- CMPS 4710 Computational Complexity
- CMPS 4720 Machine Learning
- CMPS 4910/4920 Independent Study in Computer Science
- CMPS 4990/5000 Honors Thesis in Computer Science

Capstone

The Computer Science coordinate major requires students to complete a two - semester capstone project, CMPS 4010 and CMPS 4020

Communication Major

The Department of Communication offers a major which seeks to produce theoretically informed graduates with the necessary practical and analytical skills for successful professional careers, including the ability to: think critically and express ideas clearly and creatively; perform close textual analysis of various forms of communication (written, visual, nonverbal); analyze historical and contemporary forces behind cultural identities and relationships; and, finally, analyze the structures and institutions that inform the relationship between media, technology and society.

The major consists of ten courses with a minimum of 30 credits. All Communication majors must take one foundation course, COMM 2900 Communication Studies, before any of the required core courses.

Required Core Courses:

Majors must complete three core courses, one in each area of the curriculum, preferably by the end of junior year. These core courses include:

Identities and Relationships

- COMM 3140 - Cross-Cultural Analysis
or
- COMM 3240 - Interaction Analysis

Texts

- COMM 3150 - Film Analysis
or
- COMM 3250 - Rhetorical Criticism
or
- COMM 3350 - New Media Analysis

Structures and Institutions

- COMM 3160 - Technology Analysis
or
- COMM 3260 - Media Analysis

In addition:

Majors consult with the Communication advisor to select six elective courses. At least two of these courses must be 3000-level or above, and two must be 4000-level or above. In general, 1000- and 2000-level courses are introductory courses. 3000-level courses encourage applications of communication theory through research methods and service learning. Most 4000-level classes are courses that stress writing, creative production, or service learning. Students wishing to graduate with honors in Communication must take either the graduate seminar (COMM 6210 or 6220) or another 4000-level honors course and complete an honors project. Majors planning to study abroad should seek departmental advice as early as possible.

Dance, B.F.A.

The B.F.A. curriculum in dance emphasizes professional level training within a liberal arts setting while focusing on the development of technical abilities, choreographic skill, teaching methods, dance technology, movement studies, the study of dance history, and other dance related courses. The program strives to unite academic and artistic inquiry with a wide range of course offerings in both practice and research. **Audition is required.**

The B.F.A. dance major requires 57 credits as follows:

Note: Auditions are required for the BFA degree.

Candidates audition in the spring semester of their sophomore year. They may audition for the BA in their first year. BA auditions are held every year in the fall semester.

Major Courses (37 credits):

- DANC 2010 - Performance I (3)
- DANC 2520 - Dance Composition II (3)
- DANC 3330 - Dance Pedagogy (3)
- DANC 3520 - Dance Composition III (3)
- DANC 3550 - Laban Movement Studies (3)
- DANC 4580 - Dance Company - Four Semesters (4)
- DANC 4600 - Choreography and Media (3)
- DANC 4710 or DANC 4720 - Dance History (3)
- DANC 4900 - Building Community through the Arts (3)

- THEA 6850 Design for Dance (3)
or THEA 3340 - Production and Design I (3), or
- THEA 6350 - Fundamentals of Lighting

- Theatre or Dance Elective(3)

Capstone Course (Required for Major):

- DANC 4600 - Choreography and Media ** (3)
 - DANC 4650 - Capstone Choreographic Project (3)
 - DANC 4850 - Capstone Special Topics (3)
 - DANC H4990 - Honors Thesis , DANC H5000 Honors Thesis (3)
- **Note that students must also enroll in DANC 5110 Capstone Course (0 credits) when taking this course

Dance Technique (23 credits):

Students must achieve level IV in either ballet or modern dance technique and level III in the other in order to graduate and will be evaluated at the end of each academic year. Students who

demonstrate proficiency at the technique level III in modern dance or ballet (3830, 3840) will be placed at level IV (4830, 4840). Each of these courses may be repeated for credit. Dance majors must continue to be enrolled for credit in ballet and modern dance through graduation. BFA candidates are required to enroll in both Intensive Modern Dance (4-day) and Intensive Ballet (4-day) each semester at their proper level III or IV. For the BFA candidate, the maximum number of dance technique credits that may be counted toward the 120 credit hours for graduation is 30 credits.

Ballet and Modern Dance (19 credits)

- DANC 3800 - Modern Dance III (2)
- DANC 3820 - Ballet III (2)
- DANC 3830 - Intensive Modern Dance III (3)
- DANC 3840 - Intensive Ballet III (3)
- DANC 4800 - Modern Dance IV (2)
- DANC 4820 - Ballet IV (2)
- DANC 4830 - Intensive Modern Dance IV (3)
- DANC 4840 - Intensive Ballet IV (3)

Jazz Technique (2 credits)

- DANC 3950 - Jazz Dance III (2)
- DANC 4950 - Jazz Dance IV (2)

Jazz Technique (2 credits)

- DANC 3950 - Jazz Dance III (2)
- DANC 4950 - Jazz Dance IV (2)

Dance Technique Elective (2 credits)

- DANC 1810 - Tap Dance I (2)
- DANC 2810 - Tap Dance II (2)
- DANC 3810 - Tap Dance III (2)
- DANC 1910 - African Dance I (2)
- DANC 1920 - Brazilian Dance (2)
- DANC 2910 African Dance II (2)

Dance Major

The Bachelor of Arts Dance curriculum focuses on development of technical abilities, and choreographic skill, with dance related electives. The program strives to unite academic and artistic inquiry with dance related courses and cross-over course work, as applicable, in other disciplines **Audition is required.**

The BA dance major requires 33 credits as follows:

Note: Audition is required for the BA. Auditions are held every year in the fall semester.

Core Courses:

- DANC 2010 - Performance I
- DANC 2520 - Dance Composition II
- DANC 4710 or DANC 4720 - Dance History (3)
- Dance Technique: 12 credits (See below)
 - 2 courses ballet (4 credits) required
 - 2 courses modern (4 credits) required
 - 2 courses jazz (4 credits) required

Core Courses: 21 credits

Electives Menu 1: Select 1 course (3 credits) from:

- DANC 3520 - Dance Composition III (3)
- DANC 3550 - Laban Movement Studies (3)

Electives Menu 2: Select 3 courses (9 credits) from:

- DANC 2020 - Performance II (3)
- DANC 3240 - African/Caribbean Based Social and Vernacular Dance Forms (3)
- DANC 3330 - Dance Pedagogy (3)
- DANC 3520 - Dance Composition III (3)
- DANC 3550 - Laban Movement Studies (with S/L) (3)
- DANC 3700 - Dance Movement Science (3)
- DANC 4600 - Choreography and Media (3)
- DANC 4650 - Choreographic Project (Senior Standing required) (3)
- DANC 4850 - Special Topics (Dance Experience) (3)
- DANC 4900 - Building Community Through the Arts (with S/L) (3)
- THEA 6850 - Design for Dance (3) or THEA 3340 - Production and Design I (3), or THEA 6350 - Fundamental of Lighting I (3)
- One (1) other 3-credit course from the university by proposal and approval of the dance faculty as related to dance.

TOTAL CREDITS: 33

Dance Technique (12 credits)

BA Dance majors must achieve Level III in either ballet or modern dance and Level IV in the other dance style to fulfill the degree requirements for graduation. Note: a minimum of two semesters of ballet and a minimum of two semesters of modern dance are required. Two semesters of Level III or Level IV jazz will be accepted toward the dance technique requirement. Students will be evaluated at the end of each academic year. Dance majors must continue to be enrolled in technique classes through graduation. For the BA dance candidate, the maximum number of dance technique credits that may count toward the 120 hours needed for graduation is 24 credits.

- 2 courses ballet (4 credits) required
- 2 courses modern dance (4 credits) required
- 2 courses jazz dance (4 credits) required

Dance Technique Options:

- DANC 3800 - Modern Dance III (2)
- DANC 3820 - Ballet III (2)
- DANC 3830 - Intensive Modern Dance III (3)
- DANC 3840 - Intensive Ballet III (3)
- DANC 3950 - Jazz Dance III (2)
- DANC 4800 - Modern Dance IV (2)
- DANC 4820 - Ballet IV (2)
- DANC 4830 - Intensive Modern Dance IV (3)
- DANC 4840 - Intensive Ballet IV (3)
- DANC 4950 - Jazz Dance IV (2)

The Bachelor of Arts, Movement Arts track curriculum focuses on development of technical abilities, and choreographic skill, with dance related electives. The program strives to unite academic and artistic inquiry with dance-related courses and cross-over course work, as applicable, in other disciplines. **Audition is required.**

The BA, Movement Arts track requires 33 credits as follows:

Note: Audition is required for the BA. Auditions are held every year in the fall semester.

Core Course:

- DANC 2010 - Performance I (3)
- DANC 2520 - Dance Composition II
- DANC 3550 - Laban Movement Studies (with S/L) (3)
- DANC 4710 or DANC 4720 - Dance History (3)
- Dance Technique - 12 credits (See below)
- 2 courses (4 credits) of modern dance at the II level or above required.
- 4 courses (8 credits) of technique from three other dance styles required at the II level or above.

Core Courses: 24 credits

Electives Menu: Select 3 courses (9 credits) from:

- DANC 2020 - Performance II (3)
- DANC 3240 - African/Caribbean Based Social and Vernacular Dance Forms (3)
- DANC 3330 - Dance Pedagogy (3)
- DANC 3520 - Dance Composition III (3)
- DANC 3700 - Dance Movement Science (3)
- DANC 4600 - Choreography and Media (3)
- DANC 4650 - Choreographic Project (Senior Standing required) (3)
- DANC 4850 - Special Topics (Dance Experience) (3)
- DANC 4900 - Building Community Through the Arts (with S/L) (3)
- THEA 6850 - Design for Dance (3) or THEA 3340 - Production and Design I (3), or THEA 6350 - Fundamentals of Lighting I (3)
- One (1) other 3-credit course from the university by proposal and approval of the dance faculty as related to dance.

TOTAL CREDITS: 33

Dance Technique (12 credits)

BA Movement Arts students must achieve a Level II standing or above for graduation. Note: a minimum of two semesters of ballet and a minimum of two semesters of modern dance are required. Students will be evaluated at the end of each academic year. Movement Arts students must continue to be enrolled in technique classes through graduation. For the BA Movement Arts candidate, the maximum number of dance technique credits that may count toward the 120 hours needed for graduation is 24 credits.

- 2 courses (4 credits) of modern dance at the II level or above required
- 4 courses (8 credits) of technique from three other dance styles required at the II level or above.

Dance technique options:

- DANC 1910 - African Dance I (2) as prerequisite for African Dance II
- DANC 1920 - Brazilian Dance (Only Level I offered) (2)
- DANC 2810 - Tap Dance II (2)
- DANC 2910 - African Dance II (2)
- DANC 2930 - Ballet II (2)
- DANC 2950 - Jazz Dance II (2)
- DANC 2970 - Modern Dance II (2)
- Level III (2) and Level IV (2) classes by placement.

Digital Design

Required:

- MDAR 1020 Introduction to Digital Design
- MDAR 2810 Web Design
- MDAR 2200 Digital Illustration
- MDAR 2300 Digital Imaging
- MDAR 2350 Graphic Design I
- MDAR 3200 Animation I
- MDAR 4300 Animation II
-

Electives: Select one course:

- MDAR 2050 Media and the Law
- MDAR 2100 Visual Communication
- MDAR 3350 Graphic Design II
- MDAR 4320 Digital Portfolio

Practicum

- MDAR 5010 Media Arts Practicum

Digital Media Production

The coordinate major in digital media production is an interdisciplinary, 30 credit program that can include courses from Music, Theatre and Dance, Communication, Art, or English. Students will take 5 required courses and 5 electives:

Required Courses

- COMM 3150 - Film Analysis
or
- COMM 4750 - New Media Theory
or
- ENLS 4750 - New Media Theory

- DMPR 2001 - Digital Filmmaking Fundamental I
- DMPR 2002 - Digital Filmmaking Fundamental I
- DMPR 5550 - Advanced Digital Filmmaking I
- DMPR 5560 - Advanced Digital Filmmaking II

Electives: The remaining 15 credits to be chosen from the following electives:

- ARST 1550 - Foundations of Art: Digital Arts I
- ARST 2550 - Digital Arts II
- COMM 2700 - Visual Communication
- COMM 3650 - Feminist Documentation and New Media
- COMM 4170 - U.S. Film History
- COMM 4850 - Cinema, Technology, Modernity
- ENLS 3610 - Introduction to Creative Writing
- ENLS 3640 - Screenwriting
- ENLS 4660 - Topics in Advanced Creative Writing
- APMS 2210 - Voice, Instrument, or Composition
- APMS 3210 - Private Intermediate Voice, Instrument, or Composition
- APMS 3330 - Music for Film
- APMS 4230 - Private Advanced Voice, Instrument, or Composition and Recital Preparation
- MUSC 2300 - Introduction to Computer Applications in Music
- MUSC 4400 - Music and Digital Signal Processing
- MUSC 4420 - Algorithmic and Computer Music Composition
- DANC 4600 - Choreography and Media
- THEA 2100 - Fundamentals of Acting
- THEA 2110 - Beginning Acting
- THEA 3210 - Directing I
- THEA 3340 - Theatre Production and Design I
- THEA 4970 - Filmmaker and Actor Workshop
- THEA 6110 - Acting for Other Media

Economics Major

Students pursuing one of the economic majors are strongly encouraged to complete ECON 1010 (or ECON 1030) and ECON 1020 (or ECON 1040) in their freshman year. They are also encouraged to complete Economics 3010 and 3020 by the end of their second year. Finally students are encouraged to complete an introductory course in statistics offered by the Department of Mathematics.

Course Work for the B.A. Degree:

- ECON 1010 - Introductory Microeconomics
or
- ECON 1030 - Honors Introductory Microeconomics

- ECON 1020 - Introductory Macroeconomics
or
- ECON 1040 - Honors Introductory Macroeconomics

- ECON 3010 - Intermediate Microeconomics passed with a grade no lower than C-
- ECON 3020 - Intermediate Macroeconomics passed with a grade no lower than C-
- ECON 3230 - Introduction to Econometrics

Five additional Economics Courses at the 3000 level or above. Of these, at least two must be at the 4000 level or above.

Economics 3880, 3890, 4570, 4880, and 5000* **do not count** toward this requirement.

Economics Major

Students pursuing one of the economic majors are strongly encouraged to complete Economics 1010 (or 1030) and 1020 (or 1040) in their freshman year. They are also encouraged to complete Economics 3010 and 3020 by the end of their second year. Finally students are encouraged to complete an introductory course in statistics offered by the Department of Mathematics.

Course Work for the B.S. Degree:

- ECON 1010 - Introductory Microeconomics
or
- ECON 1030 - Honors Introductory Microeconomics

- ECON 1020 - Introductory Macroeconomics
or
- ECON 1040 - Honors Introductory Macroeconomics

- ECON 3010 - Intermediate Microeconomics passed with a grade no lower than C-
- ECON 3020 - Intermediate Macroeconomics passed with a grade no lower than C-
- ECON 3230 - Introduction to Econometrics
- ECON 4410 - Topics in Mathematical Economics or ECON 4610 - Game Theory

Four additional Economics Courses: at the 3000 level or above. Of these, at least one must be at the 4000 level or above.

Economics 3880, 3890, 4570, 4880, and 5000* **do not count** toward this requirement.

Mathematics Classes:

- MATH 1210 - Calculus I
- MATH 1220 - Calculus II

Note(s):

We recommend that students who wish to pursue graduate studies in economics take additional courses in mathematics, including Math 2210 Calculus III, Math 3010 Probability and Statistics, and Math 3090 Linear Algebra.

Ecology and Evolutionary Biology Major

The major in ecology and evolutionary biology provides understanding of the structure and function of organisms and their evolution and ecology. Majors must complete six core courses, five elective courses, and the capstone requirement.

Core Courses

- CELL 1010 - General Biology
- CELL 2050 - Genetics
- EBIO 1010 - Diversity of Life
- EBIO 1015 - Diversity of Life Laboratory
- EBIO 2020 - Theory and Methods in Ecology and Evolutionary Biology
- EBIO 3040 - General Ecology
- EBIO 3045 - General Ecology Laboratory
- EBIO 3080 - Processes of Evolution

Elective Credits

Five elective courses are selected according to the interests of the student in consultation with the major advisor. Two of the electives must be designated laboratory or field courses. A maximum of one course representing a special project, independent study, or honors thesis may be counted as an elective, but not as a laboratory-field course. In addition, a student may use a maximum of one course from an approved list of courses from other departments as an elective course. Courses representing internship studies and seminars may not count as elective courses.

Capstone

This capstone requirement may be satisfied by completion of EBIO 4970-4980 or EBIO 5970. EBIO 4930 is only available by departmental approval for those students who cannot take the regular courses.

- EBIO 4930 - Capstone Independent Study
- EBIO 5970 - Research Seminars and Presentation (Capstone)
- EBIO 5970- Research Seminars and Presentation (Capstone)

Majors are also required to complete two semesters of mathematics and four semesters of chemistry:

Including two semesters of general chemistry:

- CHEM 1070 - General Chemistry I
- CHEM 1075 - General Chemistry Laboratory I
- CHEM 1080 - General Chemistry II
- CHEM 1085 - General Chemistry Laboratory II

And two semesters of organic chemistry:

- CHEM 2410 - Organic Chemistry I
- CHEM 2415 - Organic Chemistry Laboratory I
- CHEM 2420 - Organic Chemistry II
- CHEM 2425 - Organic Chemistry Laboratory II

Note(s):

Additional courses in biological statistics and physics are also highly recommended.

Interdepartmental Courses

Any one of these courses, which are not taught by the faculty of the Department of Ecology and Evolutionary Biology, is acceptable as one of the electives in the required program for the EE Biology major.

- ANTH 3140 - Primate Behavior and Ecology
- ANTH 6500 - Human Evolution
- ANTH 3720 - Adaptation and Human Variability
- ANTH 3760 - Primate Adaptation and Evolution
- CELL 3750 - Cell Biology
- CELL 3755 - Cell Biology Laboratory
- CELL 3030 - Molecular Biology
- CELL 3035 - Molecular Biology Laboratory
- CELL 4010 - Cellular Biochemistry
- CELL 4110 - Cells and Tissues
- CELL 4130 - Embryology
- CELL 4160 - Developmental Biology
- CELL 4220 - Microbiology
- CHEM 2500 - Environmental Chemistry
- CHEM 3830 - Introduction to Biochemistry
- CHEM 3835 - Introduction to Biochemistry Laboratory
- SCEN 4110/GBCH 6110 Basic Medical Biochemistry

English Major

The English major program seeks to expose students to a wide range of texts and methodologies, to develop an awareness of the forms, histories, and contexts of literary works, and to cultivate the fundamental skills of critical reading and writing.

The major consists of ten courses. A gateway course, ENLS 2000, one survey course (ENLS 2010, ENLS 2020, or ENLS 2030), and one capstone seminar (ENLS 5010) are required. The remaining seven courses are electives: six of these electives must be advanced courses (any ENLS course at the 3000 level or higher); the remaining elective may be any ENLS course at the 2000 level or higher.

There are two additional distribution requirements that can be satisfied by survey courses, electives, or a capstone: one early period course in literature before 1800 (British or American), and one course in American or Anglophone literature.

Honors theses can fulfill the capstone seminar requirement. Capstone seminars and honors theses both fulfill the university's writing intensive requirement for English majors.

Students may, with the approval of the Director of Undergraduate Studies, count one course taken in another department as an elective within the English major. Internships (up to a maximum of three total credit hours) may count for credit in the major with approval from the Director of Undergraduate Studies. For students pursuing departmental honors, four of the credits for the honors thesis (the equivalent of one course) will count towards the major requirements. Up to four transfer courses may be counted for credit towards the major. Courses taken abroad can count toward the major. Please consult with the Director of Undergraduate Studies about the transfer process.

Required

1 gateway course

- ENLS 2000 - Literary Investigations

1 survey course. There are three to choose from

- ENLS 2010
- ENLS 2020
- ENLS 2030

1 capstone seminar (ENLS 5010), typically taken in the senior year

- 6 upper division electives (any ENLS course at the 3000 level or higher)
- 1 additional elective (any ENLS course at the 2000 level or higher)

Distribution requirements that can be satisfied by surveys, electives, or capstone:

1 course in literature before 1800 (British or American literature)

1 course in American or Anglophone literature (i.e., not British)

Energy Specialization

With the approval of the Energy Institute Faculty Committee and the BSM Curriculum Committee, a student in the Bachelor of Science in Management program may receive an Energy Specialization by completing at least nine semester credit hours of energy-related coursework. In addition to satisfying the course requirements, each student who receives the Energy Specialization must be approved by faculty affiliated with the Tulane Energy Institute. The Tulane Energy Institute Faculty Committee must review and approve any waivers or deviations from these requirements.

A total of nine (9) semester credit hours of approved coursework is required for the Energy Specialization.

Required for the BSM Energy Specialization:

- ENRG 4100 Energy Markets, Economics, and Policy
or
- ENRG 4110 Energy Financial Modeling
or
- ENRG 4200 Energy Fundamentals and Trading

Additional courses that students may take to complete the BSM Energy Specialization include:

- ENRG 4300 Advanced Financial Trading
- ENRG 4410 Energy and Environmental Economics
- ENRG 4610 Energy Trading: Electric Power Markets (formerly ENRG 4930)
- ENRG 4710 Energy Portfolio Management
- ENRG 4730 Energy Investment Banking
- FINE 4160 Equity Analysis/Burkenroad Reports*
- FINE 4610 Darwin Fenner Student Managed Fund*

notes

FINE 4160 may be used in the Energy Specialization; however, the student is also required to serve as a financial analyst for an energy company in the Burkenroad Reports portfolio of companies. Burkenroad Reports cover approximately 25 small- to mid-cap energy companies.

FINE 4610 may be used in the Energy Specialization; however, the student must focus on the energy sector. Participation in this course is by invitation only by the finance faculty and is based on academic performance.

A student may take ENRG 4100, 4110, or 4200 to count towards the additional courses required to reach nine (9) credits for the Energy Specialization. Application forms may be found at <http://www.freeman.tulane.edu/energy/students.php#>. Students should submit any requests for waivers or deviations from these requirements in writing, addressed to "Energy Institute Faculty," c/o The Tulane Energy Institute, Mezzanine Level, Goldring/Woldenberg Hall II.

*These courses can also count as Finance electives.

Entrepreneurship Specialization

Students pursuing a BSM who are applying for the Entrepreneurship Specialization notation on their final transcript need to submit a completed application to the Office of Undergraduate Education (Room 200, GW1) by the Application for Degree deadline.

REQUIRED: HOURS

- MGMT 4140 Entrepreneurial Management 3.0
or
- MGMT 4610 Management of New Ventures 3.0

ENTREPRENEURSHIP ELECTIVES - 6 Credit Minimum HOURS

No more than 3 credit hours from MGMT 4000 Independent Study courses is eligible.

- FINE 4130 Venture Capital and Private Equity
- FINE 4210 Real Estate Planning and Development
- MGMT 4010 Strategic Management
- MGMT 4110 Cases in Entrepreneurship
- MGMT 4140 Entrepreneurial Management*
- MGMT 4600 Strategic Consulting
- MGMT 4610 Management of New Ventures *
- MGMT 4150 Environment, Society and Capitalism
- MGMT 4180 Management of Technology and Innovation
- MKTG 4230 International Marketing
- MGMT 4910 Independent Study: Bioinnovation
- MGMT 4910 Independent Study: Conscious Capitalism
- MGMT 4910 Independent Study: Entrepreneurship
- MGMT 4910 Independent Study: Family Business
- MGMT 4910 Independent Study: Social Entrepreneurship

Students should submit any requests for waivers or deviations from these requirements in writing, addressed to "Entrepreneurship Institute Faculty," c/o Lina Alfieri Stern at the Levy-Rosenblum Institute for Entrepreneurship, Goldring/Woldenberg Hall I, Suite 401.

*If not chosen as required course.

Environmental Biology Major

The major in environmental biology provides understanding of biological processes among populations, communities, and ecosystems. Majors must complete eight core courses, three elective courses, and the capstone requirement.

Core Courses

All students majoring in environmental biology complete core courses including:

- EBIO 1010 - Diversity of Life
- EBIO 1015 - Diversity of Life Laboratory
- CELL 1010 - General Biology
- EBIO 2020 - Theory and Methods in Ecology and Evolutionary Biology
- CELL 2050 - Genetics
- EBIO 2040 - Conservation of Biological Diversity
- EBIO 2050 - Global Change Biology
- EBIO 3080 - Processes of Evolution
- EBIO 3040 - General Ecology
- EBIO 3045 - General Ecology Laboratory

Elective Courses

Three elective courses in the department of ecology and evolutionary biology must include two laboratory-field courses.

A maximum of one elective course may be chosen from among:

- EBIO 4660 - Topics in Biology
- EBIO 4910 - Independent Studies
- EBIO 4920 - Independent Studies
- EBIO 4950 - Special Projects in Biology
- EBIO 4960 - Special Projects in Biology
- EBIO H4990 - Honors Thesis
- EBIO H5000 - Honors Thesis

Majors are also required to complete

- two semesters of Mathematics
- CHEM 1070 - General Chemistry I
- CHEM 1075 - General Chemistry Laboratory I
- CHEM 1080 - General Chemistry II
- CHEM 1085 - General Chemistry Laboratory II

- CHEM 2500 - Environmental Chemistry
or
- CHEM 2410 - Organic Chemistry I
- CHEM 2415 - Organic Chemistry Laboratory I

- Courses in statistics and physics are highly recommended but are not required.

Capstone

The capstone requirement may be satisfied by completion of EBIO 4970-4980 or EBIO 5970. EBIO 4930 is only available by departmental approval for those students who cannot take the regular courses.

- EBIO 5970 - Research Seminars and Presentation (Capstone)
- EBIO 5971 - Research Seminars and Presentation (Capstone)

Environmental Earth Science Major

The Departments of Earth & Environmental Sciences (EENS) offers this environmental earth science major, which provides students with broad exposure to environmental problems, as well as training in essential problem-solving skills, such as Geographic Information Systems (GIS) and Environmental Informatics (EI). The major is not unlike the GEOL major in EENS in that it requires a broad background in the natural sciences, as well as a core curriculum that familiarizes students with tools and methods. The undergraduate program is preparatory to our 4+1 M.S. degree program in environmental science. Students completing the terminal master's program should be able to enter environmental scientist positions in private industry, environmental consulting, and regulatory agencies. In addition, the major provides a strong science background for individuals seeking to practice environmental law. Students majoring in environmental earth science may elect to broaden their background in environmental issues by completing a coordinate major in environmental studies in the School of Liberal Arts. Course requirements for the environmental science major are given below:

Course requirements for the environmental science major are given below:

I. Courses Required Outside EENS (seven courses)

- EBIO 1010 - Diversity of Life with EBIO 1015 Diversity of Life Lab
- MATH 1210 - Calculus I (MATH 1310 Consolidated Calculus may be taken instead of MATH 1210/MATH 1220)
- MATH 1220 - Calculus II (MATH 1310 Consolidated Calculus may be taken instead of MATH 1210/MATH 1220)
- CHEM 1070 - General Chemistry I with CHEM 1075 General Chemistry Laboratory I
- CHEM 1080 - General Chemistry II with CHEM 1085 General Chemistry Laboratory II
- CHEM 2500 - Environmental Chemistry
- PHYS 1210 - General Physics I with PHYS 1211 General Physics I Laboratory. (PHYS 1310/PHYS 1311 will satisfy the requirement)

II. Foundational Courses (three courses)

- EENS 1110 - Physical Geology with EENS 1115 Physical Geology Laboratory
- EENS 1300 - Earth as a Living Planet with EENS 1305 Earth as a Living Planet Laboratory
- EENS 2020 - Environmental Geology

III. Core Courses (five courses)

- EENS 2070 - Weather and Climate
- EENS 2090 - Surface Water Hydrology (should be taken as soon as possible after major declaration; C- or better required)
- EENS 3150 - Introduction to Geographic Information Systems with EENS 3151 Introduction to Geographic Information Systems Laboratory
- EENS 4020 - Geostatistics
- EENS 4300 - Groundwater Hydrology

IV. Elective (five courses)

Any five environmental electives at or above the 2000-level; a minimum of three electives must be at the 3000-4000 level. Environmental electives include the following courses: EENS 2080 Severe Weather; EENS 2230 Oceanography; EENS 3050 Natural Disasters; EENS 3600 The Science of Climate Change; EENS 3720 Infrastructure of Sustainable Urban Environments; EENS 3980 Environmental Field Study; EENS 4030 Environmental Spatial Analysis; EENS 4180 Intro to Remote Sensing; EENS 4250 Isotopes in the Environment; EENS 4360 Environmental Geochemistry; EENS 4800 Air Pollution Fundamentals and Modelling; EENS 4820 Soil and Water Pollution; EENS 4960 Environmental Sampling, Analysis, and Practice. Students are strongly encouraged to include Remote Sensing and Environmental Geochemistry in their electives. **No capstone course is required for this major.**

Environmental Studies Major

The major in environmental studies has both core course requirements and a credit requirement. The major requires students to take at least 30 credits of approved course work and a minimum of ten courses in environmental studies (EVST) or courses in associated fields listed below. A maximum of three courses or nine credits from 1000-level courses can be counted toward the fulfillment of the major, and a maximum of two study abroad courses can count towards the degree. In addition, a minimum of three courses above the 3000-level are required for the major. The major requires students to take three core EVST courses, one methods course and six electives, three of which must come from the School of Liberal Arts (SLA). A minimum of two, and a maximum of four, courses are to be taken from outside the School of Liberal Arts. Only one internship (EVST 4560) may be counted towards the major requirements.

Students should note that some courses have prerequisites or be open only to majors (e.g., IDEV 3200). Some of these restrictions may be waived with instructor approval if space allows. Careful academic planning, in consultation with your EVST faculty advisor, is strongly recommended.

EVST Core Courses all students must take all three of these courses

- EVST 1010 Introduction to Environmental Studies (should be taken in Freshman or Sophomore year)
- EVST 3310 Approaches to Environmental Studies (should be taken in Sophomore or Junior year)
- EVST 4410 Senior Seminar in Environmental Studies (should be taken in Senior year)

Methods courses (Select at least one):

- ANTH 3090 Geoarchaeology
- COMM 3510 Environmental Communication
- EBIO 2020 Theory and Methods in Ecology and Evolutionary Biology
- EBIO 2600 Natural Resource Conservation: Theory and Practice
- EENS/EBIO 3150 or 6150 Intro to Geographic Info Systems (and lab)
- EBIO 4080/6080 Biostatistics and Experimental Design
- EBIO 4460 Biodiversity and Environmental Informatics
- EENS 3800 Environmental Analysis Laboratory
- EBIO 4676/6676 Wetland Vegetation
- EBIO 6260 Paleoclimatology
- ENGL 4661 Narrating the Environment
- EVST 4210 Environmental and Social Justice in NOLA (EVST summer program)
- EVST 4560 Environmental Internship
- HISL/HISU 3000 Historical Methods
- POLS 2010 Introduction to Scope and Methods of Political Science
- SOCI 3030 Introduction to Research Design
- SOCI 3040 Intro to Research Analysis (NOTE: SOCI 3030 is a mandatory prerequisite)
- SOCI 4210 Urban Ethnography and Social Justice

- SLAM 3020 Management

EVST Electives (select 6; a minimum of 3 must come from School of Liberal Arts).

Environmental Electives in the School of Liberal Arts

- ANTH 3090 Geoarchaeology
- ANTH 3140/6140 Primate Behavior and Ecology
- ANTH 3430/6430 Archaeology of Cultural Landscapes
- ANTH 3560 Environmental Archaeology
- ANTH 3700 Environmental Anthropology
- ANTH 4130 North American Prehistory
- ANTH 4210 Seminar in Historical Ecology
- ANTH 4410 Olmec and Maya Civilizations
- ANTH 6100 South American Archaeology
- ECON 3320 Urban Economics
- ECON 3330 Environment and Natural Resources
- ECON 4960 Topics in Environmental Science
- EVST 4400 Urban Political Ecology
- EVST 4190 Environmental Crime and Security
- EVST 3900 Special Topics in Environmental Studies
- EVST 4210 Environmental and Social Justice in NOLA (EVST summer program)
- EVST 4560 Environmental Internship
- EVST 4990 Honors Thesis
- EVST 4910 Independent Study
- EVST 5000 Honors Thesis
- ENGL 4661 Narrating the Environment
- ENLS 4810 Literature and Environment
- HISU 2912 US Environmental History
- IDEV 3200 Sustainable Development
- IDEV 4950 Environment and Development
- IDEV 4951 Food security, sustainable development and social organization
- PHIL 3340 Humanity's Place in Nature
- PHIL 6520 Environmental Ethics
- POLA 4230 Environmental Politics and Policy
- POLC 4390 Poverty and Development
- POLC 4340 Latin American Environmental Politics
- POLI 4620 Global Environmental Politics
- SOCI 2100 Latin America and the Environment
- SOCI 2600 Environmental Sociology
- SOCI 4210 Urban Ethnography and Social Justice
- SOCI 4610 Ecology and Society (EVST Summer Program in NOLA)
- SOCI 6012 Global Political Economy and the Environment
- SLAM 3020 Management

Environmental Electives in the School of Science and Engineering:

- EBIO 2020 Theory and Methods in Ecology and Evolutionary Biology
- EBIO 2040 Conservation Biology
- EBIO 2050 Global Change Biology
- EBIO 2100 Marine Biology
- EBIO 2240 Oceans and Human Health
- EBIO 2030 History of Life
- EBIO 2330 Natural History of Louisiana
- EBIO 2600 Natural Resource Conservation: Theory and Practice
- EBIO 3580 Urban Ecology
- EBIO 4080/6080 Biostatistics and Experimental Design
- EBIO 4110 Tropical Ecology
- EBIO 4190 Wetlands Ecology
- EBIO 4270 Population Ecology
- EBIO 4460 Biodiversity and Environmental Informatics
- EBIO 4676/6676 Wetland Vegetation
- EBIO 6260 Paleoclimatology
- EBIO 6340 Ecological Analysis
- EENS 2020 Environmental Geology
- EENS 2060 Introductory Geography
- EENS 2070 Weather and Climate
- EENS 2230 Oceanography
- EENS 3050 Natural Disasters
- EENS 3150/EBIO 3150 Intro to Geographic Info Systems (and lab)
- EENS 3730 Pathways to Urban Sustainability
- EENS 3800 Environmental Analysis Laboratory
- EENS 4040 Coastal Marine Geology
- EENS 4360 Environmental Geochemistry
- EENS 4800 Air Pollution Fundamentals
- EENS 6260 Paleoclimatology
- CHEM 2500 Environmental Chemistry
- COLQ 4120 Grand Canyon Colloquium

Environmental Electives in other schools at Tulane:

- AHST 3131 Urban Geography & New Orleans Case Study
- ENRG 4410 Energy Markets, Economics & Policy
- MGMT 4150 Environment, Society and Capitalism
- SPHU 2150 Foundations of Environmental Health
- SPHU 3150 Global to Local Environmental Health
- SPHU 3300 Sustainable Nutrition
- SPHU 4210 Health and Environmental Risk

Finance Major

Required non-Business Courses

- MATH 1150 & 1160 or 1210 Calculus *
- PSYC 1000
- MATH 1140 Business Statistics
- TIDB 1010 or 1020
- TIDB 1110
- ECON 1010 Microeconomics
- ECON 1020 Macroeconomics
- Notes * Completion of both MATH 1150 and MATH 1160 or MATH 1210 is required for students admitted Fall 2014 and later

Required Business Core Courses

- ACCN 2010 Financial Accounting
- MCOM 3010 Management Communication
- ACCN 3010 Managerial Accounting
- MKTG 3010 Marketing Fundamentals
- FINE 3010 Financial Management
- MGMT 4010 Strategic Management
- INFO 3010 Business Modeling
- MGMT 4900 Capstone
- LGST 3010 Legal, Ethical, Regulatory Envir of Busn.
- CDMA 1201
- MGMT 3010 Organizational Behavior

Required Courses:

- ACCN 3100 Intermediate Accounting I
- FINE 4100 Advanced Financial Management
- FINE 4110 Investments in Equities
- FINE 4120 Analysis of Fixed Income Securities

Plus three electives from:

- FINE 3200 Games and Decisions
- FINE 4130 Venture Capital and Private Equity
- FINE 4140 Risk Management
- FINE 4145 Advanced Trading
- FINE 4150 International Finance
- FINE 4160 Equity Analysis/Burkenroad Reports
- FINE 4170 Financial Modeling
- FINE 4600 Cases in Valuation and Financing
- FINE 4610 Darwin Fenner Student Managed Fund Honors Seminar

- FINE 4620 Investment Banking for Financial Firms
- LGST 4140 Insurance and Risk Management (students admitted prior to Fall 2014)
- ENRG 4730 Energy Investment Banking

Career Track Recommendations - The following tracks are designed to guide students in choosing finance electives based on possible careers.

Corporate Finance Track

Choose a minimum of three of the following electives:

- FINE 4130 Venture Capital and Private Equity
- FINE 4150 International Finance
- FINE 4160 Equity Analysis/Burkenroad Reports
- FINE 4600 Cases in Valuation & Financing

Investments Track

Choose a minimum of three of the following electives:

- FINE 4140 Risk Management
- FINE 4150 International Finance
- FINE 4160 Equity Analysis/Burkenroad Reports
- FINE 4610 Darwin Fenner Student Managed Fund Honors Seminar
- LGST 4140 Insurance and Risk Management (students admitted prior to Fall 2014)

Film Studies Major

Film Studies adopts a critical, theoretical, and historical approach to the analysis of individual films and to the study of cinema from the silent era to the contemporary period. Courses analyze film as a medium that employs specific formal strategies that shape meaning and they investigate wider debates about cinema as a cultural form and as an industrial and institutional practice. A number of courses also investigate various national cinemas focusing on the history, industrial organization, and cultural implications of cinema in specific national contexts. Film Studies may be combined with a range of other majors; and students are encouraged to integrate production-oriented courses and programs with Film Studies. A major in Film Studies requires the successful completion of ten Film Studies courses, seven of which should be at the 3000 level or above. All students working toward the major will be required to take Communication 3150 (Film Analysis) and Communication 4860 (Film Theory) and one upper-level capstone course. The capstone course should be taken during the last semester of the junior year or either semester of the senior year and should be selected from designated capstone option courses. (Please note that some special topics courses may also be designated as capstone option; students should consult the Schedule of Classes). For capstone credit in Film Studies, students should enroll in FMST 5110 along with the selected capstone course. Electives may be selected from the list below. In the case of topics courses (which are indicated with an asterisk), only film topics will be considered and approval of the Film Studies Director is required. Additional film courses not listed below may be included with approval of the Director. Additional information on the Film Studies program can be found at Film Studies

Required Courses

- COMM 3150 - Film Analysis
- COMM 4860 - Film Theory

Elective Courses

- COMM 1150 - Introduction to Cinema
- COMM 2400 - Topics in International Film Movements and National Cinemas
- COMM 2500 - Film and Society
- COMM 3150 - Film Analysis
- COMM 3270 - Authors and Genres
- COMM 3550 - Third World Cinema
- COMM 3600 - Documentary Cinema
- COMM 3800 - Cinema Reception and Cultural Memory
- COMM 4160 - Contemporary Chinese Cinema
- COMM 4170 - U.S. Film History
- COMM 4180 - African Cinema
- COMM 4190 - Introduction of Latin American Film
- COMM 4230 - Cinema, History, Archive (capstone option)
- COMM 4300 - Cultural Politics and Cinema (capstone option)
- COMM 4350 - Gender and the Cinema
- COMM 4610 - National Cinemas in Latin America
- COMM 4810 - Special Topics in Communication * (capstone option when designated)

- COMM 4820 - Special Topics in Communication * (capstone option when designated)
- COMM 4850 - Cinema, Technology, Modernity (capstone option)
- COMM 4860 - Film Theory
- COMM 5000 - Honors Thesis
- COMM 6210 - Seminar in Communication Studies *
- COMM 6220 - Seminar in Communication Studies *
- ENLS 3640 - Screenwriting
- ENLS 4100 - Literature and Film
- FMST 5110 - Capstone (in conjunction with capstone course)
- FREN 3110 - French Cinema
- FREN 4810 - Special Topics *
- FREN 4820 - Special Topics *
- GERM 3710 - Deviants, Nazis, and Radicals. An Introduction to German Film
- ITAL 3300 - Topics in Italian Literature and Cinema *
- ITAL 3330 - Italian Literature in Translation *
- ITAL 4040 - Topics in 19th- and 20th-Century Italian Literature *
- ITAL 4440 - Topics in Italian Literature and Cinema in Translation * (capstone option)
- SOCI 2450 - Society through Cinema
- SPAN 4170 - Spanish Film
- SPAN 4190 - Introd
- FREN 4820 - Special Topics *
- GERM 3710 - Deviants, Nazis, and Radicals. An Introduction to German Film
- ITAL 3300 - Topics in Italian Literature and Cinema *
- ITAL 3330 - Italian Literature in Translation *
- ITAL 4040 - Topics in 19th- and 20th-Century Italian Literature *
- ITAL 4440 - Topics in Italian Literature and Cinema in Translation * (capstone option)
- SOCI 2450 - Society through Cinema
- SPAN 4170 - Spanish Film
- SPAN 4190 - Introduction to Latin American Film
- SPAN 4210 - Topics in Latin American Cinema
- SPAN 6910 - Special Topics *
- SPAN 6920 - Special Topics *
- THEA 2070 - Video Production I
- THEA 2080 - Video Production II

Note(s):

For descriptions of course content see appropriate department listings. For courses followed by an asterisk, film topics only are included.

French Major

The major in French introduces students to the literature, culture, and thought of France and the Francophone world, including North Africa, Sub-Saharan Africa, Asia, and the Caribbean. Students may also explore Creole and Cajun languages in linguistics classes and field work. The junior year and semester abroad programs are integral to the majors in French and Italian and are also encouraged for non-majors. (eleven courses, 33 credits)

Group I Basic Core Courses (15 credit hours)

- FREN 3140 - French Phonetics
- FREN 3150 - Advanced Grammar and Composition
- FREN 3170 - French Media and Oral Performance
- FREN 3210 - Introduction to Literary Analysis
- FREN 3250 - French Society and Institutions

Group II Advanced Courses (7 credit hours)

- FREN 4010 - The French Short Story : this is a Writing course
- FREN 5950 - Senior Seminar : this is a Capstone course

Group III: Electives at the 4000 or 6000 level (12 credit hours)

One of these advanced electives must be a Literature course. Students who are double majoring may eliminate one of these electives, thus reducing the total number of credit hours required for the major to 31. For one of these advanced electives, students may substitute a 3000-level course taught in English by the Department (e.g. FREN 3110 French Cinema) OR an advanced course in a related field (e.g. a course in French Art, French History, French Politics).

A senior thesis written for Honors in French can count as one of these electives.

5000-level courses taken abroad that have been approved as counting toward the FREN major are generally included among the Group III electives.

Note: FREN 4560/FREN 4570 (Internship Studies) does not count toward the major. The typical Internship involves 60 hours of work, carries 1 credit hour and is graded on an S/U basis.

In order to complete the major, the student must have taken at least five French courses taught on this campus.

The Senior Seminar is offered in the fall semester only. It is required of all French majors, even those who are double majors. In other words, the Capstone experience is a requirement of the major.

Francophone Area Studies Concentration

Students with a strong interest in the histories, cultures, and literatures of French-speaking peoples outside of Europe (the Maghreb, sub-Saharan Africa, the Caribbean, Viet Nam, Louisiana) and the linguistic particularities of those areas can pursue a Francophone Studies Concentration within the French major. Students will take at least three courses in Francophone Area Studies from the list of catalog courses below. Students may also seek approval for relevant special topics courses (recent examples of which are listed below). The completion of the Concentration will appear on students' transcripts.

Courses in the Francophone Area Studies Concentration

Catalog Courses:

- FREN 3040 - African and Caribbean Literature
- FREN 3050 - Literature in Exile
- FREN 4080 - French Around the World
- FREN 4110 - Field Research on French in Louisiana
- FREN 6110 - Field Research on French in Louisiana
- FREN 4740 - 20th-Century Drama
- FREN 6740 - 20th-Century Drama
- FREN 4800 - Survey of Francophone Literature

Recent Special Topics Courses:

- FREN 6920 - Independent Study for French Literature
- FREN 5950 - Senior Seminar

Geology Major

The major in geology provides students with an understanding of the materials that make up the Earth, the history of the Earth, and the physical, chemical, and biological processes that have operated on and within the Earth throughout its history.

The major consists of a minimum of twelve courses including

- EENS 1110 - Physical Geology
- EENS 1115 - Physical Geology Laboratory
- EENS 1120 - Earth History
- EENS 1125 - Earth History Laboratory
- EENS 2110 - Mineralogy

Students must earn a C- or better in 2110 to qualify for further enrollment in EENS courses.

- EENS 2120 - Petrology
- EENS 3090 - Invertebrate Paleontology
- EENS 3270 - Sedimentation and Stratigraphy
- EENS 3410 - Structural Geology
- EENS 3990 - Field Geology
- EENS 4090 - Invertebrate Paleontology

Elective Courses

Four additional courses, including accompanying laboratories, where scheduled, three of which must be at the 4000-level. COLQ-4120 (Grand Canyon Colloquium) can count as one of these electives.

All majors must complete

- CHEM 1070 - General Chemistry I
- CHEM 1080 - General Chemistry II
- CHEM 1075 - General Chemistry Laboratory I
- CHEM 1085 - General Chemistry Laboratory II

- PHYS 1210 - Introductory Physics I
- PHYS 1220 - Introductory Physics II
- or
- PHYS 1310 - General Physics I
- PHYS 1320 - General Physics II

Mathematics

The following mathematics classes must be taken to meet the B.S. degree requirements.

- MATH 1210 - Calculus I

- MATH 1220 - Calculus II
or
- MATH 1310 - Consolidated Calculus
- MATH 1150 - Long Calculus
and
- MATH 1160 - Long Calculus
may substitute for Calculus 1210

Mathematics and Science

These supporting science and mathematics courses may not be taken satisfactory/unsatisfactory

Capstone

In the senior year, all students are required to complete a capstone experience course.

- EENS 3990 - Field Geology

Additional Information

In the junior and senior years, students preparing to enter graduate school are strongly urged to elect additional courses in their discipline; this may result in students attaining more than the total number of credits required for graduation (see Newcomb-Tulane core curriculum for provisions for earning graduate credit in the senior year). All majors are expected to participate in certain departmental activities, including field trips (held annually or semiannually) and special lecture programs given by visiting speakers.

German Studies Major

The major in German Studies consists of a total of 30 credits or ten courses beyond GERM 2030, with 4 Foundational courses (12 credits) and 6 Advanced courses (18 credits).

All German studies majors complete three advanced courses, one 4000/6000-level course, one Advanced Undergraduate Seminar and one Senior Seminar. The three advanced courses may include up to two courses taught in English at the 3000-level (providing there is a significant reading and writing requirement in German) and/or up to two electives at the advanced level in a related field outside the department, e.g., courses in German art, history, music, philosophy, and politics.

A student entering Tulane without any prior German knowledge could take beginning language classes his/her first three semesters, and then take an average of two courses for the next five semesters.

Group I. Foundational Courses (four courses, 12 credits)

- GERM 3050 - Intermediate Grammar and Composition

3 courses chosen from the following:

- GERM 3160 - Readings in German Literature
- GERM 3250 - German Language and Culture I
- GERM 3260 - German Language and Culture II
- GERM 3270 - German Language and Culture III

Group II. Advanced Courses (six courses, 18 credits)

Required:

- GERM 4800 - Advanced Undergraduate Seminar
GERM 6800 - Advanced Undergraduate Seminar
- One other 4000-level or 6000-level course

The other three courses may include:

- Up to two GERM 3000-level courses taught in English (providing there is a significant reading and writing requirement in German) (e.g. GERM 3440, GERM 3510, GERM 3530, GERM 3540, GERM 3550, GERM 3660, GERM 3670, GERM 3710, GERM 3720).
- Up to two electives at the advanced level in a related field outside the department, e.g. courses in German art, history, music, philosophy, and politics.
- Any other 4000-level or 6000-level course (e.g. GERM 4100, GERM 4410, GERM 4430, GERM 4710, GERM 4720, GERM 6030, GERM 6040, GERM 6150, GERM 6180, GERM 6910, GERM 6920).

Gender and Sexuality Studies Major

The Gender and Sexuality Studies Program at Tulane University is committed to the multidisciplinary and interdisciplinary preservation, expansion, and transmission of knowledge to undergraduate students and to other individuals in both the university and the larger community about women, gender, and sexuality. The Gender and Sexuality Studies Program is committed to intellectual excellence and to stimulating continued intellectual growth for faculty and students. As a community of scholars/teachers/learners we are devoted to the study of gender and sexuality as they take shape and affect our lives in a diverse, multicultural, and international world. We are committed to facilitating critical undergraduate and graduate education and practice for social justice by engaging students in the discovery, production, and critique of knowledge that emerges from critical perspectives on culture and society.

A major in Gender and Sexuality Studies consists of a minimum of 33 credits. Four core courses are required:

Four core courses are required

- GESS 2900 - Introduction to Gender and Sexuality Studies
- GESS 3500 - Identity, Difference, and Social Inequality
- GESS 4940 - Gender and Sexuality Theory I
- GESS 4950 - Gender and Sexuality Theory II

The remaining courses must be selected from among those approved by the Gender and Sexuality Studies Program with the following distribution requirements: a minimum of six credits from the subject area Humanities and Fine Arts and six credits from Social Sciences, with not more than nine credits in a single department. Normally, the elective courses are taken at the 300 level and above. Students electing Gender and Sexuality Studies major and complete a total of at least 27 credits in Gender and Sexuality Studies courses applied to fulfill the requirements of another major.

There are three possible tracks in a Gender and Sexuality Studies Major

Recommended Major with Gender Studies Emphasis

- GESS 2900 - Introduction to Gender and Sexuality Studies
- GESS 3500 - Identity, Difference, and Social Inequality
- GESS 4940 - Advanced Gender and Feminist Theory
- GESS 4980 - Capstone Project in Gender and Sexuality Studies
- Electives with Gender Emphasis

Recommended Major with Sexuality Studies Emphasis

- GESS 2900 - Introduction to Gender and Sexuality Studies
- GESS 3500 - Identity, Difference, and Social Inequality
- GESS 4950 - Advanced Sexuality and Queer Theory

- GESS 4980 - Capstone Project in Gender and Sexuality Studies
- Electives with Sexuality Emphasis

Recommended Major with Gender and Sexuality Studies Emphasis

- GESS 2900 - Introduction to Gender and Sexuality Studies
- GESS 3500 - Identity, Difference, and Social Inequality
- GESS 4940 - Advanced Gender and Feminist Theory
- GESS 4950 - Advanced Sexuality and Queer Theory
- GESS 4980 - Capstone Project in Gender and Sexuality Studies
- Electives with both Gender and Sexuality emphasis and/or electives distributed evenly among courses with Gender emphasis or Sexuality emphasis.

Greek Major

A major in Greek consists of 30 credits in Greek, Latin, and/or Classics courses (27 credits if the student has a double major), at least 15 credits must be in Greek at least 6 credits must be at the 4000-level and no more than 6 credits in GREK at the 3000-level.

Multiple Majors: Students with more than one major are required to complete only 27 credits for the major in our department.

Language Requirement: Greek and Latin courses may be used to satisfy the foreign language requirement. However, courses used to satisfy the language requirement cannot also be counted toward the major or minor.

History Major

The history major requires all students to take a minimum of 30 credits or ten courses (excluding one-credit courses). The major aims to assure that all students have taken at least one course in four areas of the world (United States, Europe, Latin America, Middle East, Asia and Africa). It also aims to assure some exposure by all students to history prior to 1800, when there is much less evidence for making historical judgments than in the modern era, as well as requiring at least one course from the modern era. Apart from these distribution requirements, students are free to pursue their interests in one or more areas of history in as much depth as they choose.

The history major has two methodological requirements. The aim of these requirements is to train students how to understand the contingency of historical interpretation to frame historical questions, to learn to use primary sources to find the evidence necessary to develop historical analysis, and to write papers in clear and coherent prose. All history majors are required to take three seminars. First, majors are required to take a 3000-level seminar that has a one-credit Historical Methods laboratory co-requisite (with the number 3000). It is not sufficient to take the 3000-level seminar without the co-requisite laboratory in order to satisfy this requirement. It is preferable for the students to take this Methods seminar in the first or second year. Second, all history majors must take one of the department's 6000-level advanced seminars. Students may not complete the Advanced Seminar requirement until their Junior or Senior year. All 6000-level seminars have, as one of their central requirements, a major research paper of at least 20 pages that incorporates analytical, research and writing skills. Finally, students must take a third seminar at the 3000 or the 6000 level.

Requirements of the History Major:

- The History major consists of ten courses totaling at least 30 credits, excluding one-credit courses.
- All majors must take at least three seminars:
 - One of those must be a 3000-level Historical Methods Seminar.
 - One of those must be a 6000-level Advanced Seminar.
 - Both of these courses must be taken at Tulane.
- A maximum of two courses from other departments can count towards the major.
- No more than Three 1000-level courses may count toward the major.
- Courses that do not have a letter grade cannot count toward the major with the exception of approved transfer credits.
- History majors must satisfy the following distribution requirements:
 - Students must take at least one pre-1800 course and at least one post-1800 course.
 - Students must take at least one course in four of the following six areas: Africa (HISB), Asia (HISC), Europe (HISA and HISE), Latin America (HISL), Middle East (HISM), and United States (HISU).

Advanced Seminars:

Advanced seminars - numbered 6000 to 6999 - are open to sophomores, juniors and seniors, and also to graduate students. Sophomores may require permission from the course instructor to

enroll in a 6000-level seminar.

Capstone in History:

All 6000-level seminars satisfy the Capstone requirement in history. In these courses, students will develop specialized historical and theoretical knowledge through the integration of approaches, cases, skills, and ideas from across the breadth of their major that they have learned in earlier courses. The skills integrated will include the understanding of what it means to go into a subject in-depth, the development of a defensible thesis, the use of primary sources (when available) critically to support historical argument, a sophisticated understanding of historical context and change over time, and differences in historical interpretation and methodology. Students will be expected to demonstrate their understanding in written work (including a major independent research paper), oral presentation, and/or classroom discussions. Students may not complete the Capstone until their junior/senior year. History majors should take one 3000-level Methods Seminar before registering for a Capstone seminar.

Pre-1800 Courses

Ancient and Medieval History (HISA)

- All HISA courses are included under Ancient and Medieval History with the exception of HISA 3230 - Great Captains from Alexander the Great to Patton
- The following courses in Classical Studies can be counted toward the history major, as European history courses prior to 1800:
 - CLAS 1010 - The Rise of Rome
 - CLAS 2320 - Greek Temples and Festivals
 - CLAS 3020 - The High Roman Empire
 - CLAS 3090 - Law and Society in Ancient Rome
 - CLAS 3140 - Jews in the Greco-Roman World
 - CLAS 3310 - Tyrants and Democrats in Ancient Greece
 - CLAS 4080 - Seminar in Ancient Society and Economy
 - CLAS 4320 - War and Power in Ancient Greece

African History (HISB)

- HISB 1300 - Africa to 1800
- HISB 4250 - The Atlantic Slave Trade

Asian History (HISC)

- HISC 2010 - History of China, Prehistory to 1800

Modern Europe (HISE)

- HISE 1210 - Europe and a Wider World: From the Renaissance to 1789
- HISE 2160 - Europe in the 18th Century
- HISE 2240 - Russian History from the 9th to the Mid-19th Centuries
- HISE 2320 - Early Modern England

- HISE 2410 - Spain, 1369-1716
- HISE 2420 - The Age of Reformation
- HISE 3300 - Death, Disease, Destitution and Despair in Early Modern Europe
- HISE 4140 - Household, Gender and Sexuality in Early Modern Europe
- HISE 6050 - The Italian Renaissance
- HISE 6100 - Renaissance and Reformation, 1450-1660
- HISE 6330 - Imperial Spain, 1469-1716
- HISE 6350 - Crime and Punishment in Hanoverian England
- HISE 6360 - English Civil War
- HISE 6370 - Seminar in Early Modern England

Latin America (HISL)

- HISL 2760 - Colonial Mexico
- HISL 2810 - Colonial Brazil
- HISL 3710 - Seminar: The Colonial Heritage of Latin America

Middle East (HISM)

- HISM 2200 - History of Islam to 1400
- HISM 6140 - Islam and the Western Mediterranean World, 1000-1900

United States (HISU)

- HISU 1410 - The United States from Colonization to 1865
- HISU 1800 - Early New Orleans
- HISU 2400 - Women and Gender in U.S. History to 1830
- HISU 2510 - Atlantic World 1450-1800
- HISU 2520 - Early America to 1800
- HISU 6420 - American Revolutions

Post-1800 Courses

African History (HISB)

- HISB 1310 - Africa since 1800
- HISB 2130 - History of Southern Africa
- HISB 2140 - History of Eastern Africa
- HISB 3240 - Human Rights and Genocide in Africa
- HISB 3250 - Archiving Africa
- HISB 4210 - History of Development in Africa
- HISB 4250 - The Atlantic Slave Trade
- HISB 6070 - Gender in African History
- HISB 6110 - Slavery and Emancipation in Africa

Asian History (HISC)

- HISC 2020 - History of China, 1800 to the Present

- HISC 6210 - The PRC: China Under Communism
- HISC 6310 - China in Revolution, 1900-1949
- HISC 6410 - Empire and Rebellion in China
- HISC 6510 - Imperialism in East Asia
- HISC 6610 - Seminar on Modern Japan

Modern Europe (HISE)

- HISE 1220 - The Emergence of the Contemporary World Since 1789
- HISE 2170 - Europe in the 19th Century
- HISE 2210 - Modern Germany
- HISE 2250 - Russian History: The End of the Empire and the Soviet Period
- HISE 2330 - Modern Britain
- HISE 3270 - Literature and Society in Russia, 1800-1917
- HISE 3280 - Literature and Society in Russia, 1917-1991
- HISE 3190 - The Spanish Civil War
- HISE 3290 - Origins of the Second World War, 1919-1939
- HISE 3513 - History of the Jews in Russia, 1772-2000
- HISE 4140 - Household, Gender, and Sexuality in Early Modern Europe
- HISE 4350 - Britain in Decline?
- HISE 6140 - Revolutionary-Napoleonic Europe, 1789-1815
- HISE 6380 - Seminar in Modern British History
- HISE 6420 - Readings in the Holocaust
- HISE 6510 - The Russian Revolution, 1900-1924
- HISE 6511 - Stalin's Russia, 1924-1953
- HISE 6512 - In Stalin's Shadow: The Soviet Union, 1953-1991

Latin America (HISL)

- HISL 2770 - Modern Mexico
- HISL 2790 - Central America
- HISL 2820 - Modern Brazil
- HISL 2840 - History of Argentina
- HISL 3200 - History of Voodoo and Other African Derived Religions
- HISL 3720 - Seminar: Topics in Modern Latin America and Caribbean History
- HISL 3800 - Colloquium: Caribbean Revolutions
- HISL 4740 - Caribbean Cultural History
- HISL 4780 - Women in Latin American History
- HISL 6600 - Peasants, Rebellion and the State in Latin America
- HISL 6610 - Modernity and Its Discontents in Latin America
- HISL 6850 - United States-Latin American Relations

Middle East (HISM)

- HISM 1200 - The Contemporary Middle East
- HISM 2210 - History of Modern Middle East, 1750 to the Present
- HISM 3220 - The Arab-Israeli Conflict
- HISM 6060 - Seminar in the Modern Middle East and North Africa

United States (HISU)

- HISU 1420 - The United States from 1865 to the Present
- HISU 2410 - Women and Gender in U.S. History: 1830 to the Present
- HISU 2480 - Louisiana History
- HISU 2620 - The New South, 1865-Present
- HISU 2630 - US Foreign Relations Before World War
- HISU 2640 - US Foreign Relations Since 1945
- HISU 2650 - US Immigration History
- HISU 2700 - African-American Freedom
- HISU 3220 - Autobiography and Southern Identity
- HISU 3642 - US War in Vietnam
- HISU 3840 - Popular Culture and the Rise of Consumerism
- HISU 4560 - The Civil War and Reconstruction
- HISU 4694 - Creation of Jazz in New Orleans
- HISU 6510 - Recent U.S. from 1945 to the Present
- HISU 6540 - African-American Culture
- HISU 6590 - United States Legal History, 1865-1975
- HISU 6630 - US Labor and Migration
- HISU 6840 - US Empire
- HISU 6850 - United States-Latin American Relations

Writing Practica

- HISA 3880 - Writing Practicum
- HISA 4880 - Writing Practicum
- HISB 3880 - Writing Practicum
- HISB 4880 - Writing Practicum
- HISC 3880 - Writing Practicum
- HISC 4880 - Writing Practicum
- HISE 3880 - Writing Practicum
- HISE 4880 - Writing Practicum
- HISL 3880 - Writing Practicum
- HISL 4880 - Writing Practicum
- HISM 3880 - Writing Practicum
- HISM 4880 - Writing Practicum
- HISU 4880 - Writing Practicum

Health and Wellness

Required Courses -12 credits

- HLWL 1800 Wellness in Contemporary American Society
- HLWL 2010 Social Aspects of Health
- HLWL 2220 Mind and Body Health
- HLWL 2230 Stress Management

Select six courses from the following -18 credits

- HLWL 2330 Nutrition and Behavior
- HLWL 3110 Exercise and Sport Psychology
- HLWL 3220 Global Health
- HLWL 3250 Women and Health: Social and Policy Issues
- HLWL 3330 Exercise, Nutrition, and Aging
- HLWL 3500 Cultural Differences in Healing
- HLWL 4010 Catastrophic Illnesses and Injuries
- HLWL 4050 Mass Media and Health
- HLWL 4200 Mental Health
- HLWL 4600 Wellness Coaching: Overcoming Resistance to Change
- HMLS 3150/6160 Health and Medial Issues in Emergency Management
- HLWL 5001 Internship

Homeland Security

Required Courses

- HMLS 2750 - Homeland Security
- HMLS 3150 - Medical Issues in Emergency Management
- HMLS 3200 - Domestic and International Terrorism
- HMLS 3250 - Emergency Management
- HMLS 3500 - Intelligence Research, Method, and Analysis
- HMLS 3600 - Critical Infrastructure Protection
- HMLS 3700 - Transportation and Border Security

Elective Courses -Select three courses

- EENS 3050 - Natural Disasters
- CPST 3930 - Cyber Threats and Cyber Security
- HISM 1200 - Contemporary Middle East
- HISM 3200 - History of Islam
- HISM 3210 - Modern Middle East
- HISM 3220 - The Arab - Israeli Conflict
- HISU 3530 - War & National Policy in the U.S .
- HISU 3590 - War & National Policy in the U.S. 1898 to the Recent Past
- HISU 6500- Emergence of the Modern U. S. 1917 to 1945
- HMLS 4500 - Intelligence Analysis & Critical Thinking
- HMLS 4600 - HMLS and Approaches to Counter - Terrorism
- HMLS 4700 - Transportation and Border Security I
- POLA 2100 - American Government
- POLA 4270 - Constitutional Law
- POLI 4520 - Intelligence & Covert Operations
- POLI 4530 - American Foreign Policy
- POLI 4630 - Strategy and Politics
- POLI 6630 - International Security
- SOCI 1300- Criminology

International Development

The major in International Development must be coordinated with a separate major in a traditional discipline. This traditional discipline is the primary major which determines whether a student earns a B.A. or a B.S. degree. The coordinate major in International Development provides students with an education firmly rooted in the liberal arts tradition, while also providing them with a focused and international framework for analysis of current international events. A student in the ID program will graduate with a sophisticated understanding of contemporary global issues, especially as they pertain to the developing world.

International Development is a social science that embraces the theory and practice of improving the quality of life of all people. The program emphasizes a comprehensive approach to standard international development analysis by incorporating not just economic, but social, environmental, legal and cultural dimensions. ID, as a field of study, is relatively new. It emerged from critiques of post-World War II programs designed to alleviate poverty and promote economic, democratic and social development in second and third world countries after independence. International sustainable development promotes a cross-disciplinary understanding of economics, law, sociology, political science, anthropology and language, in the context of sustainable or environmentally friendly positive social change. Courses will be taken in various departments in the Liberal Arts and Sciences as well as in at the International Development Program itself.

Students will declare the major with a member of the faculty. Faculty will meet with students in the program at least once a semester to discuss their degree status in order to ensure progress toward the completion of the degree. The core curriculum will provide students with a comprehensive understanding of world issues and the appropriate foundation to design the rest of their program.

Major Requirements (minimum 33 credit hours)

- 12 credits required from the International Development curriculum
 - 6 credits required of a foreign language (above 203 level) **
 - 15 credits of acceptable electives (with at least one course at the 4000 level and at least one course at the 6000 level or above)
- ** The number of required credits will vary depending on participation in summer, semester or year abroad study programs.

Minor Requirements (18 credit hours)

- 12 credits from core International Development curriculum:
- IDEV 1010 - Introduction to Development
- ECON 1020 - Introductory Macroeconomics
- IDEV 3200 - Approaches to Sustainable Development
- IDEV 4300 - Identity and Development
- 6 credits of acceptable Electives

Required Courses for the Major

I. International Development (12 credits)

- IDEV 1010 - Introduction to Development
- ECON 1020 - Introductory Macroeconomics
- IDEV 3200 - Approaches to Sustainable Development
- IDEV 4300 - Identity and Development

II. Foreign Language (6 credits)

6 credits required of a foreign language (above 2030 level). We strongly encourage students to study a foreign language abroad in a summer, semester or year long program. Depending on program participation, the number of credits for a foreign language will vary. The goal is a spoken proficiency in a foreign language, preferably one that is spoken in many countries of the developing world (e.g. French, Spanish, Portuguese, Mandarin, etc). Spoken proficiency is defined according to criteria established by ACTFL and the Payson Center. Students will be tested in the same fashion as they currently are at Tulane for meeting proficiency requirements. Students who do not study abroad must take at least six credits of a foreign language above the 2030 level; however, students who enter into the program already fluent in a foreign language may test out of this requirement although they will be encouraged to attempt a third language.

III. Acceptable Electives: (15 credits with at least one course at the 4000 level and at least one course at the 6000 level or above)

- ANTH 3160 - Peoples of the Pacific
- ANTH 3330 - Anthropology of Gender
- ANTH 3070 - Contemporary Chinese Society
- ANTH 6070 - Contemporary Chinese Society
- ANTH 3080 - East Asia
- ANTH 3690 - Language and Gender
- ANTH 3770 - Global Vietnam
- ASTA 1460 - Contemporary Asian Communities
- ASTA 3180 - Peoples of South Asia
- BRAZ 2010 - Introduction to Brazilian Studies
- COMM 3300 - Comparative Political Communication
- COMM 3650 - Feminist Documentation and New Media
- EBIO 2040 - Conservation of Biological Diversity
- EBIO 2050 - Global Change Biology
- ECON 3320 - Urban Economics
- ECON 3330 - Environment and Natural Resources
- ECON 3540 - Development Economics
- ECON 3720 - Contemporary Japanese Economy
- ECON 3740 - Asia-Pacific Economic Development
- ECON 3830 - Economics of Gender
- ECON 4500 - Health Economics and Policy
- EENS 1110 - Physical Geology
- EENS 2020 - Environmental Geology
- EENS 3050 - Natural Disasters
- EENS 2060 - Introductory Geography

- EENS 3720 - Infrastructure of Sustainable Urban Environments
- EENS 4800 - Air Pollution
- EENS 3150 - Introduction to Geographic Information Systems
- EENS 6050 - Natural Disasters
- HISB 1310 - Africa from 1800
- HISC 2020 - History of China, 1800 to the Present
- HISL 1710 - Introduction to Latin American History
- HISL 2770 - Modern Mexico
- HISL 2820 - Modern Brazil
- HISL 7720 - Seminar in Modern Latin America
- HISM 2210 - History of Modern Middle East, 1750 to the Present
- HISM 3220 - The Arab-Israeli Conflict
- IDEV 4220 - Introduction to Human Aspects of Disasters and Complex Emergencies
- IDEV 4900 - Organizational Leadership
- IDEV 6220 - Introduction to Human Aspects of Disasters and Complex Emergencies
- IDEV 4230 - Food Aid and Food Security in Humanitarian Settings
- IDEV 6230 - Food Aid and Food Security in Humanitarian Settings
- IDEV 6670 - International Political and Economic Relations
- PECN 3030 - The Individual, Society, and State
- PECN 3040 - Comparative and International Political Economy
- PHIL 3500 - Buddhism
- PHIL 3560 - Social and Political Ethics
- PHIL 3650 - Crime and Punishment
- PHIL 3850 - Terrorism
- POLC 3350 - Politics of Latin America
- POLC 3380 - Asian Governments
- POLC 4420 - State and Society in Developing Countries
- POLI 3540 - International Political Economy
- POLI 4600 - Latin American International Relations
- POLT 4870 - Asian Political Thought
- SOCI 1040 - Gender and Society
- SOCI 1060 - Urban Sociology
- SOCI 1470 - Global Social Change
- SOCI 2180 - Wealth, Power and Inequality
- SOCI 2600 - Environmental Sociology
- SOWK 4000 - Emerging Programs and Policies
- THEA 4410 - Theatre and Social Change

Italian Major

A major in Italian consists of nine courses beyond Intermediate Italian 2030/2040 and introduces students to Italian literature, culture and thought.

The student is required to take the following courses:

- ITAL 3000 - Introduction to Italian Literature
- ITAL 3130 - Advanced Conversation and Composition
- ITAL 3250 - Italian Language and Culture
- Four courses devoted to literature on the 4000- or 6000-level; and two electives.

Additional Information

The junior year and semester abroad programs are integral to the major in Italian and are also encouraged for non-majors.

Jazz Studies, B.F.A.

CORE COURSE REQUIREMENTS for all BA and BFA Majors (26)

Musicology (12 credits)

- MUSC 1410 - History of European Art Music to 1750 (3)
- MUSC 1420 - History of European Art Music Since 1750 (3)

Plus 2 of the following courses (6 credits):

- MUSC 1900 - New Orleans Music (3)
- MUSC 2410 - American Musics * (3)
- MUSC 2420 - World Musics * (3)
- MUSC 2450 - Introduction to Opera (3)
- MUSC 3310 - Musics of Latin America (3)
- MUSC 3320 - Musical Theatre in America (3)
- MUSC 3340 - History of Jazz (3)
- MUSC 3440 - African American Music (3)
- * Pre-requisites and/or Co-requisites (see course descriptions)

Theory (12 credits)

- MUSC 1510 - Harmony (3)
- MUSC 1520 - Advanced Harmony (3)

Plus 2 of the following courses (6 credits):

- MUSC 1530 - Jazz Theory * (3)
- MUSC 2010 - Tonal Analysis: 18th-19th Centuries * (3)
- MUSC 2020 - 20th-Century Theory * (3)
- * Pre-requisites and/or Co-requisites (see course descriptions)

Performance (2 credits)

- APMS 1090 - Musicianship Laboratory I (1)
- APMS 1100 - Musicianship Laboratory II (1)

Required Courses (34 credits)

- MUSC 2300 - Introduction to Computer Applications in Music (3)
- APMS 2171 - Ensemble (1) (4 semesters*)
- APMS 2210 - Voice, Instrument, or Composition (8) (4 semesters**)
- APMS 3210 - Private Intermediate Voice, Instrument, or Composition (4) (2 semesters)
- APMS 3500 - Jazz Improvisation (6) (2 semesters)
- APMS 3510 - Jazz Arrangements (3)

APMS 4230 - Private Advanced Voice, Instrument, or Composition and

- Recital Preparation / APMS 4231 Advanced Lessons/Recital Prep / APMS 4232 Advanced Lessons/Recital Prep / APMS 4233 Advanced Composition/Recital Prep / APMS 4234 Advanced Lessons/Recital Prep (3)
- APMS 4300 - Senior Recital Capstone (3)

* Students may elect to mature within an ensemble by taking the major ensemble for his/her instrument up to 8 times for credit.

** Students are encouraged to take applied lessons every semester; however, a course substitution, one semester of APMS 4910 Independent Study/Lecture Recital Prep/Lecture Recital is available for students lacking one semester of lessons.

*** It is strongly recommended that BFA Jazz students take

- MUSC 1530 Jazz Theory , MUSC 3340 History of Jazz , and/or
- MUSC 1900 New Orleans Music which are offered as part of the CORE.

Jewish Studies Major

A major in Jewish studies has as a prerequisite one year of Modern Hebrew

- HBRW 1010 - Elementary Hebrew I
- HBRW 1020 - Elementary Hebrew II
- or the equivalent.

The major consists of at least 30 credits in Jewish Studies courses, Hebrew courses, or courses in related fields.

The major must include:

- JWST 1010 - Introduction to Jewish Civilization

as well as one course in each of the following periods:

Ancient

- JWST 2100 - Introduction to the Hebrew Bible - Old Testament
- JWST 3140 - Select Readings in the Hebrew Bible
- JWST 3150 - Second Temple Judaisms
- JWST 3520 - The Golden Age of Spanish Jewry II: Christian Spain
- JWST 3600 - Women in the Hebrew Bible
- JWST 4250 - The Dead Sea Scrolls
- CLAS 3140 - Jews in the Greco-Roman World

Medieval

- JWST 3500 - The Golden Age of Spanish Jewry I: Moslem Spain
- JWST 3520 - The Golden Age of Spanish Jewry II: Christian Spain
- JWST 3530 - Jewish Life and Thought in the High Middle Ages
- JWST 3540 - Jewish Life and Thought from the Renaissance to the Age of Reason
- JWST 4110 - Rabbinic Judaism
- JWST 4350 - Rashi, Halevi, Maimonides: Rabbinical Luminaries of the Middle Ages

Modern

- JWST 2200 - Modern Jewish History
- JWST 3210 - American Jewish History
- JWST 3220 - The Arab-Israeli Conflict
- JWST 3340 - Early American Jewish History
- JWST 3440 - Representing the Holocaust: Literary and Filmic Depictions of the Undepictable
- JWST 3750 - Jewish Identity in Modern Literature

- JWST 4300 - The Palestinian-Israeli Conflict in Culture and Literature
- JWST 4320 - Jewish Youth and Culture
- JWST 4330 - Jewish Immigration Experience
- JWST 4420 - Jewish Historiography
- JWST 4670 - Israeli-Jewish & Arab-Israeli Peace

Note(s):

At least one course should be at the 4000-level or above. Courses taken to fulfill Tulane's foreign language proficiency requirement cannot be counted toward the major.

Latin American Studies Major

The Latin American Studies major requires a minimum of 30 credit hours in 10 Latin American content courses. Courses are selected from the various departments offering classes in the field as well as from Latin American Studies.

Required Courses

- LAST 1010 - Introduction to Latin American Studies
- LAST 1020 - Introduction to Latin American Studies II
- LAST 4000 - Core Seminar

Additional Information

Six of the remaining seven Latin American content electives must be at the 2000-level or higher. Finally, three must be at the 6000-level. Students who take at least 20 college credits in 7 courses with Latin American content while on academic programs in Latin America approved by Tulane are required to take only two courses at the 6000-level. All 6000-level coursework for the major must be taken in residence at Tulane University; courses taken abroad will not count toward this requirement.

Concentrations

Five elective courses must concentrate on one of the themes that are the foundation of the interdisciplinary Latin American Studies program at Tulane. The concentration system serves to focus the coursework of Latin American Studies majors and minors. Working with the Undergraduate Adviser, students may choose one of the following:

1. Creativity
2. Encounter
3. Exchange
4. Identity
5. Land
6. Nation
7. People
8. Welfare

Students will work closely with the undergraduate adviser to construct a coherent concentration of coursework, as Latin American content electives include a wide variety taught in several disciplines.

Language Requirement

Latin American Studies majors must demonstrate linguistic competency in either Spanish or Portuguese. This can be done in one of three ways:

1. complete with a passing grade at least one course at the 4000-level or higher in Spanish or Portuguese

2. complete with passing grades at least one semester of coursework in Spanish or Portuguese on a study abroad program
3. place into the 6000-level on the language test administered by the Department of Spanish and Portuguese Note that, with the exception of SPAN 3130, language classes below the 4000-level do not count as electives for the Latin American Studies major or minor programs.

Sample Courses by Concentration

Note that these lists are not comprehensive and do not account for all of the courses offered in each department nor those that might be offered as special topics in the departments or Latin American Studies. Courses taken abroad and on Tulane summer programs can also count toward the concentrations.

Creativity:

- SPAN 4110 - Modern Spanish American Literature
- ARHS 3860 - Arts of the African Diaspora
- LAST 6960 - Special Offerings in Latin American Studies
- MUSC 3300 - Music Cultures of the World
- DANC 1920 - Brazilian Dance
- COMM 4190 - Introduction of Latin American Film

Encounter:

- ARHS 3860 - Arts of the African Diaspora
- SOCI 6950 - Sociology of Migration
- EEOB 3180 - Plants and Human Affairs
- ANTH 3700 - Ecological Anthropology
- INDV 4100 - Info Tech and International Devt
- ARHS 6730 - Seminar in Maya Manuscripts

Exchange:

- MKTG 4650 - Global Marketing
- ECON 3590 - Economic Devt of Latin America
- HISL 6850 - US-Latin American Relations
- SOCI 6950 - Sociology of Migration
- SPAN 6220 - Colonial Latin American Literature
- EEOB 3180 - Plants and Human Affairs

• Identity:

- ARHS 3860 - Arts of the African Diaspora
- LAST 3950 - Special Offering
- COMM 4810 - Special Topics in Communication
- LAST 6950 - Special Offerings in Latin American Studies

- MUSC 3300 - Music Cultures of the World
- ANTH 6060 - South American Indians

Land:

- ANTH 3700 - Environmental Anthropology
- EBIO 3180 - Plants and Human Affairs
- HISE 6330 - Imperial Spain, 1469-1716
- INDV 6100: Environment and Development
- PORT 4510 - Luso-Brazilian Cities
- SPAN 4510 - Hispanic Cities

Nation:

- POLC 3350 - Politics of Latin America
- LAST 6950 - Special Offerings in Latin American Studies
- HISL 3960 - Andean Rebellions
- HISL 3950 - Inventing Argentina
- POLC 3410 - Politics and Nationalism
- PORT 6160 - Afro-Brazil

Peoples:

- SPAN 6850 - Senior Seminar
- SOCI 2490 - Latin American Social Structure
- ECON 3580 - Labor and Population in Latin America
- POLC 3350 - Central American Governments
- ANTH 6830 - Aztec and Maya Literature
- MUSC 3300 - Music Cultures of the World

Welfare:

- SOCI 2490: Latin Am Social Structures
- ECON3580: Labor and Pop of Latin America
- INHL 6830: Intl Health Policy
- HISL 3780: Women in Latin Am History
- POLS 3010: Poverty and Development
- EEOB 3180: Plants and Human Affairs

Latin Major

A major in Latin consists of 30 credits in Greek, Latin, and/or Classics courses (27 credits if the student has multiple majors), at least 15 credits must be in Latin, at least 6 credits must be at the 4000-level and no more than 6 credits in LATN at the 3000-level.

Multiple Majors: Students with more than one major are required to complete only 27 credits toward the major for in our department.

Language Requirement: Greek and Latin courses may be used to satisfy the foreign language requirement. However, courses used to satisfy the language requirement cannot also be counted toward the major or minor.

Legal Studies Major

Required non-Business Courses

- MATH 1150 & 1160 or 1210 Calculus *
- PSYC 1000
- MATH 1140 Business Statistics
- TIDB 1010 or 1020
- TIDB 1110
- ECON 1010 Microeconomics
- ECON 1020 Macroeconomics
- Notes * Completion of both MATH 1150 and MATH 1160 or MATH 1210 is required for students admitted Fall 2014 and later

Required Business Core Courses

- ACCN 2010 Financial Accounting
- MCOM 3010 Management Communication
- ACCN 3010 Managerial Accounting
- MKTG 3010 Marketing Fundamentals
- FINE 3010 Financial Management
- MGMT 4010 Strategic Management
- INFO 3010 Business Modeling
- MGMT 4900 Capstone
- LGST 3010 Legal, Ethical, Regulatory Envir of Busn.
- CDMA 1201
- MGMT 3010 Organizational Behavior

Required Courses:

- LGST 4100 Business Law
- LGST 4110 Legal Writing and Research

Plus four electives from:

- LGST 4120 International Business Law
- LGST 4140 Insurance and Risk Management
- LGST 4150 Real Estate Law
- LGST 4160 Law of E-Commerce
- LGST 4170 Employment Law for Human Resource Professionals
- LGST 4180 Sports and Entertainment Law
- LGST 4210 Mock Trial (instructor approval required; both semesters required)
- MGMT 4170 Negotiations
- TAXN 4100 Business Taxation

Linguistics Major

The major in linguistics consists of ten courses selected from the list below. The student should take at least one course in each of the following areas: phonology, syntax, language history, and language and thought. As courses are distributed among various departments, the student must consult with the Program Adviser in selecting courses to fulfill this distribution requirement. No language courses taken to fulfill the college proficiency requirement may be counted toward the major.

Students majoring in linguistics who elect to graduate with a B.S. degree must have credit for two mathematics courses: a) one calculus course, MATH 1210 or equivalent; and b) one statistics course MATH 1230, or a higher level class in statistics.

Capstone courses within the major include:

- ANTH 3310 Introduction to Historical Linguistics
- ANTH 3670 Language and Its Acquisition
- ANTH 4930 Languages of Louisiana
- ANTH 6400 Language and Culture
- ANTH 6420 Linguistic Field Methods
- LING 4120 Brain and Language
- LING 4850 Proseminar in Linguistics

In addition to courses listed here in cooperating departments, students may elect to take language courses to broaden their linguistic base.

As courses are distributed among various departments, the student must consult with the Program Adviser in selecting courses to fulfill this distribution requirement.

Courses

- ANTH 3150 - Cognitive Anthropology
- ANTH 3290 - The Nature of Language
- ANTH 3300 - History of Writing
- ANTH 3310 - Introduction to Historical Linguistics
- ANTH 3400 - Language and Culture
- ANTH 3440 - Dialectology
- ANTH 3590 - Introduction to Syntax
- ANTH 3630 - Linguistic Phonetics
- ANTH 3640 - Studies in Phonology
- ANTH 3650 - Morphology
- ANTH 3660 - Discourse Analysis: Pragmatics of Language Use
- ANTH 3670 - Language and Its Acquisition
- ANTH 3680 - Language and Power
- ANTH 3690 - Language and Gender
- ANTH 4930 - Languages of Louisiana
- ANTH 6420 - Linguistic Field Methods
- ANTH 6700 - Spoken Nahuatl

- ANTH 6720 - Spoken Yoruba
- ANTH 6800 - Spoken Yucatecan Maya
- ANTH 6810 - Introduction to Maya Hieroglyphs

Courses Offered by Other Departments

- ASTJ 1010 - Beginning Japanese I
- ASTJ 1020 - Beginning Japanese II
- ASTJ 2030 - Intermediate Japanese I
- ASTJ 2040 - Intermediate Japanese II
- FREN 3140 - French Phonetics
- FREN 4100 - French in Louisiana
- FREN 4160 - Translation Theory and Practice
- FREN 6110 - Field Research on French in Louisiana
- FREN 6210 - History of the French Language
- FREN 6910 - Independent Study for French Linguistics
- GERM 3360 - Translation: Theory and Practice of an Impossible Art
- HBRW 1010 - Elementary Hebrew I
- HBRW 1020 - Elementary Hebrew II
- LING 3010 - Semantics, the Study of Meaning
- LING 3430 - Semantics of Natural Language
- LING 3890 - Service Learning
- LING 4110 - Brain and Language / NSCI 4110 Brain and Language
- MATH 1110 - Probability and Statistics I
- PHIL 1210 - Elementary Symbolic Logic
- PHIL 3110 - Contemporary European Philosophy
- PHIL 3430 - Semantics of Natural Language
- PHIL 3800 - Language and Thought
- PHIL 6060 - Advanced Symbolic Logic
- PHIL 6180 - Mental Representation
- PHIL 6620 - Philosophical Logic
- PSYC 6380 - Cognitive Neuroscience
- PSYC 6385 - Cognitive Neuroscience Laboratory
- SOCI 3030 - Introduction to Research Design
- SOCI 3040 - Introduction to Research Analysis
- SOCI 6440 - Language Behavior and Communication
- SPAN 4260 - Spanish Phonetics and Phonology
- SPAN 4270 - Iberoamerican Dialectology
- SPAN 6010 - Methods of Teaching Spanish and Portuguese
- SPAN 6060 - Bilingualism in the Hispanic World
- SPAN 6510 - History of the Spanish Language
- THEA 3090 - Stage Speech I

Mathematics Major

A major in mathematics consists of:

The following five core courses which are required of all mathematics majors:

- MATH 1210 - Calculus I
- MATH 1220 - Calculus II
- MATH 2210 - Calculus III
- MATH 3050 - Real Analysis I
- MATH 3090 - Linear Algebra

- MATH 1150 - Long Calculus
and
- MATH 1160 - Long Calculus may be substituted for MATH 1210

- MATH 1310 - Consolidated Calculus may be substituted for MATH 1220

Four additional mathematics courses at the 3000-level or above with the following provisos:

1. one but not both of 2170 and 2240 may be substituted for one of the 3000-level courses;
2. at least one course must be at the 4000-level or above;
3. an advanced course in another department, with a high mathematical content, may, with the approval of the departmental undergraduate studies committee, may be substituted for one of the 3000-level courses.

The year-long Senior Seminar:

- MATH 3980 - Seminar in Mathematics (Capstone)
 - MATH 3990 - Seminar in Mathematics (Capstone)
- is required of all mathematics majors who are not writing an Honors thesis within the department. Students planning to graduate in December should begin this course in the fall of the preceding year. The Senior Seminar does not count towards the additional 3000-level math courses in the previous section.

Suggested Curriculum

A freshman should take the appropriate calculus course. Students with no prior calculus course should normally take 1210 and 1220 during the freshman year. Students with one semester of calculus credit (or equivalent knowledge) should take 1310. Students with two semesters of calculus credit should start in 2210 and contact a mathematics major advisor during the first semester for major program planning advice. It is also recommended that a prospective mathematics major take Physics 1310 and 1320 during either the freshman or sophomore year. Students should take the core courses as early as possible in their programs. After completing 2210, the most frequent courses taken next are usually selected from the core courses 3050,

3070, 3090. It is generally recommended to take 3090 before 3050, but they can be taken concurrently. Both 3050 and 3090 are offered every semester. Each introduces the student to more theoretical mathematics than has been encountered in the calculus courses, and these courses provide the foundation for many advanced courses. The course 2240 gives an introduction to applied mathematics, and can be counted toward the major (although both 2170 and 2240 cannot both count). However, majors are advised to forego 2240 and instead take 4240 after taking 3090. There is considerable overlap in 2240 and 4240, and both may not be taken for credit. The course Math 3070 provides an introduction to probability, and Math 3080 provides an introduction to statistical inference. Math 2210 is a prerequisite for 3070, and 3070 is a prerequisite for 3080. The Math 3070-3080 sequence should be taken in the sophomore year by students interested in pursuing a concentration in statistics, which includes these four courses in addition to the core courses. All advanced probability and statistics course, including Mathematical Statistics (Math 6020), Stochastic Processes (Math 6030), and Linear Models (Math 6040) require successful completion of Math 3070 and Math 3080.

Students considering a math major should arrange an appointment with the department chair early in their program. They will be assigned a major advisor who will advise them on course selection within the major. The major program is designed to provide the student with a solid foundation during the first two years and provide for a variety of programs of study during the junior and senior years. A major program in mathematics can provide a background for both graduate study and work in a variety of areas of the mathematical sciences such as mathematics, applied mathematics, computer science, and statistics as well as provide preparation for professional schools such as law, medicine, and business. The major program should be designed as early as possible with the student's goals in mind and with the help of the major advisor.

Coordinate Major in Musical Cultures of the Gulf South

Program Description

The Gulf South produced a distinctive set of musical cultures that continues to influence national and international musical currents: jazz blues, zydeco, Cajun music, and brass-band music. As a city central to the African diaspora, New Orleans gave birth to a pan-African regional culture equally influenced by immigrants from the Caribbean - Cuba and Haiti, in particular - as by the ruling nations of Spain and France. The mission of this coordinate undergraduate major is to educate students in the underlying currents of these musical cultures through a historical grasp of the Atlantic slave trade, the rituals of expressive culture and resistance in the Caribbean, and the social, economic, and political history of the region. The Gulf South extends from Texas across the coasts of Louisiana, Alabama and Mississippi, around Florida into the Caribbean, where Cuba lies a mere 90 miles away. "New Orleans Music" is a rubric that stretches from ragtime to hip-hop, and includes the city's seminal influence on rock and roll, funk, and rhythm and blues, as each assumed national form. New Orleans remains the site of a range of vibrant living cultural traditions, including the Mardi Gras Indians; the second-line culture of Social Aid and Pleasure clubs, and Creole and Cajun cuisine. This coordinate major is offered under the auspices of the New Orleans Center for the Gulf South.

Required Courses

The coordinate major Musical Cultures of the Gulf South first requires students to declare a major in another discipline before declaring the MCGS coordinate major. The program is an interdisciplinary, 27-credit program that requires courses in Music, Anthropology, History, Theater and Dance, and has elective offerings in English, African Diaspora Studies, Communication, and French.

There are three required core courses:

- MUSC 1900 - New Orleans Music
- MCGS 2000 - Introduction to Musical Cultures of the Gulf South
- ANTH 3395 - Ethnography of Performance and Identity in New Orleans and French Louisiana

Electives

From among the courses listed below, students must select a course at the 3000-level or above in Music, History, or Anthropology. Students will take a minimum of three additional electives or nine credits from the courses listed in the major in order to reach a minimum of 27 credits for the major. A total of two 1000-level courses can count towards the coordinate major. No more than two dance courses can count towards the major.

- ADST 1550 - New Orleans Hip Hop I
- ADST 2000 - Introduction to African and African Diaspora Studies
- ADST 3550 - Third World Cinema
- ANTH 3395 - Ethnography of Performance and Identity in New Orleans and French

Louisiana

- ANTH 4930 - Languages of Louisiana
- COMM 3280 - Media Histories
- DANC 1910 - African Dance I
- DANC 1950 - Jazz Dance I
- DANC 2230 - Introduction to Dance - Jazz Dance
- DANC 2910 - African Dance II
- DANC 2950 - Jazz Dance II
- DANC 3240 - American/Afro-Caribbean Social and Vernacular Dance Forms
- DANC 4900 - Building Community in the Arts
- ENLS 4030 - Literary New Orleans
- FREN 4110 - Field Research on French in Louisiana / FREN 6110 Field Research on French in Louisiana
- GESS 4500 - Gender and Archives
- HISB 4250 - The Atlantic Slave Trade
- HISL 1720 - Introduction to Caribbean History
- HISL 3200 - History of Voodoo and Other African Derived Religions
- HISU 2510 - Atlantic World 1450-1800
- HISU 3220 - Autobiography and Southern Identity
- HISU 4694 - Creation of Jazz in New Orleans
- HISU 6420 - American Revolutions
- MUSC 3340 - History of Jazz
- MUSC 3360 - The Latin Tinge: Jazz and Latin American Music in New Orleans and Beyond
- MUSC 3430 - The Blues in American Life
- MUSC 3440 - African American Music
- URST 3100 - Urban Geography

Medieval and Early Modern Studies Major

Requirements

The major consists of 30 credits (10 courses) to be distributed in the following manner:

- Three courses each from two of three categories: medieval (300-1499), early modern (1500-1699), and crossover (spanning medieval and early modern).
- Any four additional courses listed in the program.
- The student may take up to four courses in a single department. Of the ten courses, no more than three courses may be taken below the 3000 level, and at least two must be completed at the 4000 level or above.

Medieval and Early Modern Studies Categories

Medieval

- ARHS 1010 - Art Survey I: Prehistory through the Middle Ages
- ARHS 3200 - Early Christian and Byzantine Art
- ARHS 3210 - Art and Experience in the Middle Ages
- ASTA 3510 - Pre-modern Japanese Culture
- ENLS 4120 - Medieval Literature
- ENLS 4450 - Chaucer
- FREN 4220 - Medieval French Literature
- HISA 1020 - The Barbarian West
- HISA 1030 - Medieval Europe, 1100-1450
- HISA 2030 - Early Medieval and Byzantine Civilization from Constantine to the Crusades
- HISA 4140 - The Crusades, 1095-1291
- HISA 4150 - The Age of the Vikings
- HISA 2310 - Medieval England
- HISA 2350 - Medieval Italy
- HISA 3910 - Special Topics in Medieval and Ancient History
- HISA 3170 - Medieval Spain
- HISA 6090 - Seminar in Select Topics in Byzantine History
- HISA 6230 - Medieval Cities
- HISA 6270 - Women and Gender in the Middle Ages
- HISA 4910 - Special Topics in Medieval and Ancient History
- ITAL 4010 - Topics in Origins and Masterpieces of 13th- and 14th-Century Italian Literature
- JWST 3500 - The Golden Age of Spanish Jewry I: Moslem Spain
- JWST 3520 - The Golden Age of Spanish Jewry II: Christian Spain
- JWST 3530 - Jewish Life and Thought in the High Middle Ages
- JWST 4110 - Rabbinic Judaism
- JWST 4350 - Rashi, Halevi, Maimonides: Rabbinical Luminaries of the Middle Ages
- SPAN 4420 - Introduction to Multicultural Medieval Iberia
- SPAN 6810 - Reading Medieval Iberia

Crossover

- ARHS 3310 - Art of the Early Renaissance in Italy
- ENLS 2010 - Introduction to British Literature I
- ENLS 4490 - Earlier Major Authors
- ENLS 5010 - Capstone Seminars
- FREN 4210 - History of the French Language
- FREN 6210 - History of the French Language
- GERM 3550 - German Literature in Translation *
- GERM 3660 - Love, Death and Sexuality from the Middle Ages to the Baroque
- HISA 3070 - Topics in Medieval and Renaissance History
- HISE 1210 - Europe and a Wider World: From the Renaissance to 1789
- HISE 2240 - Russian History from the 9th to the Mid-19th Centuries
- HISE 2410 - Spain, 1369-1716
- HISM 2200 - History of Islam to 1400
- MUSC 1410 - History of European Art Music to 1750
- RUSS 3530 - Survey of Russian Art
- SPAN 4040 - Early Readings in Spanish, 1000-1700
- SPAN 6510 - History of the Spanish Language

Early Modern

- ARHS 3230 - Visual Culture in Golden Age Spain
- ARHS 3320 - 16th-Century Italian Art
- ARHS 3420 - Baroque Art
- ARHS 3430 - Rubens to Rembrandt
- ARHS 3440 - Italian Baroque Art
- ARHS 3330 - Italian Renaissance Architecture
- ENLS 3230 - Shakespeare: Selected Plays
- ENLS 4130 - Renaissance Literature
- ENLS 4140 - 17th-Century Literature
- ENLS 4150 - Early Modern Drama
- ENLS 4190 - Restoration and 18th-Century Literature
- ENLS 4450 - Chaucer
- ENLS 4460 - Shakespeare I
- ENLS 4470 - Shakespeare II
- ENLS 4480 - Milton
- FREN 4320 - Renaissance Literature
- FREN 4410 - 17th-Century French Literature
- FREN 4420 - 17th-Century Drama
- HISA 6050 - The Italian Renaissance
- HISE 4140 - Household, Gender, and Sexuality in Early Modern Europe
- HISE 2320 - Early Modern England
- HISE 2420 - The Age of Reformation
- HISE 6050 - The Italian Renaissance
- HISE 6100 - Renaissance and Reformation, 1450-1660
- HISE 6330 - Imperial Spain, 1469-1716
- HISE 3300 - Death, Disease, Destitution and Despair in Early Modern Europe
- HISE 6360 - English Civil War
- HISE 6370 - Seminar in Early Modern England

- ITAL 4020 - Topics in Renaissance Literature
- ITAL 4030 - Topics in 17th- and 18th-Century Italian Literature
- JWST 3540 - Jewish Life and Thought from the Renaissance to the Age of Reason
- MUSC 4950 - Special Topics in Musicology *
- PHIL 2020 - History of Modern Philosophy
- PHIL 2120 - Classics of Ancient Political Philosophy II
- SPAN 4230 - Visual Culture in Golden Age Spain
- SPAN 4430 - Literature of the Golden Age
- SPAN 6330 - Spanish Prose of the Golden Age
- SPAN 6410 - Don Quijote
- SPAN 6430 - Drama of the Golden Age
- SPAN 6440 - Poetry of the Golden Age

Note(s):

* Only when medieval and early modern studies topic. Director approval required.

Management Major

Required non-Business Courses

- MATH 1150 & 1160 or 1210 Calculus *
- PSYC 1000
- MATH 1140 Business Statistics
- TIDB 1010 or 1020
- TIDB 1110
- ECON 1010 Microeconomics
- ECON 1020 Macroeconomics
- Notes * Completion of both MATH 1150 and MATH 1160 or MATH 1210 is required for students admitted Fall 2014 and later

Required Business Core Courses

- ACCN 2010 Financial Accounting
- MCOM 3010 Management Communication
- ACCN 3010 Managerial Accounting
- MKTG 3010 Marketing Fundamentals
- FINE 3010 Financial Management
- MGMT 4010 Strategic Management
- INFO 3010 Business Modeling
- MGMT 4900 Capstone
- LGST 3010 Legal, Ethical, Regulatory Envir of Busn.
- CDMA 1201
- MGMT 3010 Organizational Behavior

Consulting Track: Students choosing the consulting track must complete the following courses:

- MGMT 4120 Corporate and Cooperative Strategy
- MGMT 4170 Negotiations
- MGMT 4180 Management of Technology and Innovation
- MGMT 4600 Strategic Consulting

Plus two additional electives from list below.

Entrepreneurship Track: Students choosing the entrepreneurship track must complete the following courses:

- MGMT 4150 Environment, Society, and Capitalism
- MGMT 4180 Management of Technology and Innovation
- MGMT 4610 Entrepreneurship: Managing New Venture Creation

- FINE 4130 Venture Capital and Private Equity

Plus two additional electives from:

- MGMT 4110 Cases in Entrepreneurship
- MGMT 4120 Corporate and Cooperative Strategy
- MGMT 4130 Dimensions in Human Resource Management
- MGMT 4140 Entrepreneurial Management
- MGMT 4150 Environment, Society, and Capitalism
- MGMT 4160 Leadership
- MGMT 4170 Negotiations
- MGMT 4180 Management of Technology and Innovation
- MGMT 4600 Strategic Consulting
- MGMT 4610 Managing New Venture Creation

Additional Recommended Electives:

- MKTG 4100 Consumer Behavior
- MKTG 4220 Sales Force Management
- MKTG 4110 Marketing Research
- ACCN 3100 Intermediate Financial Accounting I

Marketing Major

Required non-Business Courses

- MATH 1150 & 1160 or 1210 Calculus *
- PSYC 1000
- MATH 1140 Business Statistics
- TIDB 1010 or 1020
- TIDB 1110
- ECON 1010 Microeconomics
- ECON 1020 Macroeconomics
- Notes * Completion of both MATH 1150 and MATH 1160 or MATH 1210 is required for students admitted Fall 2014 and later

Required Business Core Courses

- ACCN 2010 Financial Accounting
- MCOM 3010 Management Communication
- ACCN 3010 Managerial Accounting
- MKTG 3010 Marketing Fundamentals
- FINE 3010 Financial Management
- MGMT 4010 Strategic Management
- INFO 3010 Business Modeling
- MGMT 4900 Capstone
- LGST 3010 Legal, Ethical, Regulatory Envir of Busn.
- CDMA 1201
- MGMT 3010 Organizational Behavior

Required:

- MKTG 4100 Consumer Behavior
- MKTG 4110 Marketing Research
- MKTG 4115 Marketing Research Lab
- MKTG 4220 Sales Force Management
- MKTG 4250 Social and Online Marketing

Plus two electives from:

- MKTG 4120 Marketing Strategy
- MKTG 4230 International Marketing
- MKTG 4240 Relationship Marketing
- MKTG 4260 Integrated Marketing Communications (formerly Advertising and Brand Promotion)
- MKTG 4270 Marketing Analytics
- MKTG 4280 Sports Marketing
- MKTG 4290 Service Marketing

- MKTG 4600 Cases in Marketing
- MKTG 4410 Social and Online Marketing Lab (1.5 credits)
- FINE 3200 Games and Decisions
- INFO 4120 Database Management (taken in Spring 2014 only)

Music Performance or Composition, B.F.A.

CORE COURSE REQUIREMENTS for all BA and BFA Majors (26)

Musicology (12 credits)

- MUSC 1410 - History of European Art Music to 1750 (3)
- MUSC 1420 - History of European Art Music Since 1750 (3)

Plus 2 of the following courses (6 credits):

- MUSC 1900 - New Orleans Music (3)
- MUSC 2410 - American Musics * (3)
- MUSC 2420 - World Musics * (3)
- MUSC 2450 - Introduction to Opera (3)
- MUSC 3310 - Musics of Latin America (3)
- MUSC 3320 - Musical Theatre in America (3)
- MUSC 3340 - History of Jazz (3)
- MUSC 3440 - African American Music (3)
- * Pre-requisites and/or Co-requisites (see course descriptions)

Theory (12 credits)

- MUSC 1510 - Harmony (3)
- MUSC 1520 - Advanced Harmony (3)

Plus 2 of the following courses (6 credits):

- MUSC 1530 - Jazz Theory * (3)
- MUSC 2010 - Tonal Analysis: 18th-19th Centuries * (3)
- MUSC 2020 - 20th-Century Theory * (3)
- * Pre-requisites and/or Co-requisites (see course descriptions)

Performance (2 credits)

- APMS 1090 - Musicianship Laboratory I (1)
- APMS 1100 - Musicianship Laboratory II (1)

PERFORMANCE (50 credits total)

Required Courses (24 credits)

- APMS 2170 - Ensemble (1) (4 semesters*)
- APMS 2090 - Musicianship Laboratory III (1)
- APMS 2100 - Musicianship Laboratory IV (1)
- APMS 2210 - Voice, Instrument, or Composition (8) (4 semesters**)

- APMS 3210 - Private Intermediate Voice, Instrument, or Composition (4) (2 semesters)
- APMS 4230 - Private Advanced Voice, Instrument, or Composition and
- Recital Preparation / APMS 4231 Advanced Lessons/Recital Prep / APMS 4232 Advanced Lessons/Recital Prep / APMS 4233 Advanced Composition/Recital Prep / APMS 4234 Advanced Lessons/Recital Prep (3)
- APMS 4300 - Senior Recital Capstone (3)

* Students may elect to mature within an ensemble by taking the major ensemble for his/her instrument up to 8 times for credit.

** Students are encouraged to take applied lessons every semester; however, a course substitution, one semester of APMS 4910 Independent Study/Lecture Recital Prep/Lecture Recital, is available for students lacking one semester of lessons.

COMPOSITION (49 credits total)

Required Courses (23 credits)

- APMS 2090 - Musicianship Laboratory III (1)
- APMS 2100 - Musicianship Laboratory IV (1)
- APMS 2170 - Ensemble (1) (4 semesters*)
- APMS 2218 - Beginning Composition (4) (2 semesters**)
- APMS 3213 - Intermediate Composition (4) (2 semesters)
- APMS 4233 - Advanced Composition/Recital Prep (3)
- APMS 4300 - Senior Recital Capstone (3)

Plus 1 of the following courses (3 credits):

- APMS 3020 - 18th-Century Counterpoint (3)
- APMS 4040 - Orchestration (3)
- APMS 4950 - Special Topics in Music Theory (3)

* Students may elect to mature within an ensemble by taking the major ensemble for his/her instrument up to 8 times for credit.

** Students are encouraged to take applied lessons every semester; however, a course substitution, one semester of APMS 4910 Independent Study/Lecture Recital Prep/Lecture Recital, is available for students lacking one semester of lessons.

It is strongly recommended that BFA Musical Composition students take

- MUSC 2010 Tonal Analysis: 18th-19th Centuries and
- MUSC 2020 20th-Century Theory which are offered as part of the CORE.

Music Major

The Department of Music offers both a BA and a BFA track for music majors. Under the new proposal, all students seeking music degrees will begin under the BA music track. Students may then apply to the BFA track “by audition.” No audition is required for admission into the BA program. Ordinarily, BFA auditions will take place during the third semester of matriculation at Tulane. The BA in Music is a flexible degree that gives students grounding in all three fields of music study (performance, theory, and musicology) while allowing them to cater to their particular interests. By choosing from a variety of core courses and electives, students can design their own concentrations in performance, composition, musicology, ethnomusicology, jazz, musical theatre, or other areas.

CORE COURSE REQUIREMENTS for all BA and BFA Majors (26)

Musicology (12 credits)

- MUSC 1410 - History of European Art Music to 1750 (3)
- MUSC 1420 - History of European Art Music Since 1750 (3)

Plus 2 of the following courses (6 credits):

- MUSC 1900 - New Orleans Music (3)
 - MUSC 2410 - American Musics * (3)
 - MUSC 2420 - World Musics * (3)
 - MUSC 2450 - Introduction to Opera (3)
 - MUSC 3310 - Musics of Latin America (3)
 - MUSC 3320 - Musical Theatre in America (3)
 - MUSC 3340 - History of Jazz (3)
 - MUSC 3440 - African American Music (3)
- * Pre-requisites and/or Co-requisites (see course descriptions)

Theory (12 credits)

- MUSC 1510 - Harmony (3)
- MUSC 1520 - Advanced Harmony (3)

Plus 2 of the following courses (6 credits):

- MUSC 1530 - Jazz Theory * (3)
 - MUSC 2010 - Tonal Analysis: 18th-19th Centuries * (3)
 - MUSC 2020 - 20th-Century Theory * (3)
- * Pre-requisites and/or Co-requisites (see course descriptions)

Performance (2 credits)

- APMS 1090 - Musicianship Laboratory I (1)

- APMS 1100 - Musicianship Laboratory II (1)

All music majors must also successfully complete the following courses (5 credits):

- APMS 2090 - Musicianship Laboratory III (1)
- APMS 2100 - Musicianship Laboratory IV (1)
- MUSC 4800 - The String Quartets of Beethoven Capstone (3)

Electives (8 credits)

- 8 credits in music or applied music at or above the 2000-level
*It is strongly recommended the BA Music students take MUSC 2410 American Musics and MUSC 2420 World Musics which are offered as part of the CORE.

Music Service Learning Components are available for all music majors with the following courses:

- MUSC 1890 - Music in New Orleans / co-requisite MUSC 1900 New Orleans Music
- APMS 2891-11 - Voice/Vocal Jazz / co-requisite APMS 2213 Voice/Vocal Jazz
- APMS 2893-11 - Marching Band / co-requisite APMS 2183-01 Marching Band

Musical Theatre, B.F.A.

CORE COURSE REQUIREMENTS for all BA and BFA Majors (26)

Musicology (12 credits)

- MUSC 1410 - History of European Art Music to 1750 (3)
- MUSC 1420 - History of European Art Music Since 1750 (3)

Plus 2 of the following courses (6 credits):

- MUSC 1900 - New Orleans Music (3)
- MUSC 2410 - American Musics * (3)
- MUSC 2420 - World Musics * (3)
- MUSC 2450 - Introduction to Opera (3)
- MUSC 3310 - Musics of Latin America (3)
- MUSC 3320 - Musical Theatre in America (3)
- MUSC 3340 - History of Jazz (3)
- MUSC 3440 - African American Music (3)
- * Pre-requisites and/or Co-requisites (see course descriptions)

Theory (12 credits)

- MUSC 1510 - Harmony (3)
- MUSC 1520 - Advanced Harmony (3)

Plus 2 of the following courses (6 credits):

- MUSC 1530 - Jazz Theory * (3)
- MUSC 2010 - Tonal Analysis: 18th-19th Centuries * (3)
- MUSC 2020 - 20th-Century Theory * (3)
- * Pre-requisites and/or Co-requisites (see course descriptions)

Performance (2 credits)

- APMS 1090 - Musicianship Laboratory I (1)
- APMS 1100 - Musicianship Laboratory II (1)

Performance (18 credits)

- APMS 2170 - Ensemble (1) (2 semesters*)
- APMS 2210 - Voice, Instrument, or Composition (6) (3 semesters**)
- APMS 3210 - Private Intermediate Voice, Instrument, or Composition (4) (2 semesters)
- APMS 4230 - Private Advanced Voice, Instrument, or Composition and
- Recital Preparation / APMS 4231 Advanced Lessons/Recital Prep / APMS 4232 Advanced Lessons/Recital Prep / APMS 4233 Advanced Composition/Recital Prep / APMS 4234

Advanced Lessons/Recital Prep (3)

- APMS 4300 - Senior Recital Capstone (3)

Theatre and Dance (at least 16 credits)

Choose 2 from the following (6 credits):

- THEA 2100 - Fundamentals of Acting (3)
- THEA 3010 - Intermediate Acting (3)
- THEA 3030 - Suzuki Method of Acting (3)

Choose from the following (at least 10 credits):

- DANC 1810 - Tap Dance I (2)
- DANC 2810 - Tap Dance II (2)
- DANC 1930 - Ballet I (2)
- DANC 2930 - Ballet II (2)
- DANC 1950 - Jazz Dance I (2)
- DANC 1970 - Modern Dance I (2)
- DANC 2950 - Jazz Dance II (Musical Theatre Dance) (2)
- DANC 2970 - Modern Dance II (2)
- DANC 3800 - Modern Dance III (1)
- DANC 3820 - Ballet III (1)
- DANC 3950 - Jazz Dance III (1)
- DANC 4800 - Modern Dance IV (1)
- DANC 4820 - Ballet IV (1)
- DANC 4950 - Jazz Dance IV (1)

* Students may elect to mature within an ensemble by taking the major ensemble for his/her instrument up to 8 times for credit.

** Students are encouraged to take applied lessons every semester; however, a course substitution, one semester of APMS 4910 Independent Study/Lecture Recital Prep/Lecture Recital is available for students lacking one semester of lessons.

It is strongly recommended that BFA Musical Theatre students take

- MUSC 2450 Introduction to Opera and
- MUSC 3320 Musical Theatre in America which are offered as part of the CORE.

BFA Musical Theatre students are urged to take as many dance and acting electives as possible, and are strongly encouraged to take at least one dance class each semester.

Neuroscience Major

A major in Neuroscience allows a student to pursue an interdepartmental curriculum that focuses on the role of the nervous system in regulating physiological and behavioral functions. Neuroscience combines many traditional fields of study including Psychology, Biology, Chemistry, Physics, Anatomy, Pharmacology, Linguistics and Physiology. The field of Neuroscience encompasses a broad domain that ranges from the cellular and molecular control of brain cells to the regulation of responses in whole organisms. The student majoring in Neuroscience fulfills the standard requirements of a premedical curriculum, which is recommended or required for admission to graduate study in Neuroscience or related graduate programs. This curriculum also enables the student to pursue medical training, possibly specializing in an area related to Neuroscience. A Bachelor of Science in Neuroscience requires nine credits of core courses, nine credits of elective courses, three credits of laboratory courses, and 30 credits of co-requisite courses in biology, psychology, chemistry, and physics totaling 51 credits. At least six of the elective lecture credits and one of the laboratory credits must be taken from the list of Neuroscience courses. A student majoring in Neuroscience is strongly encouraged to pursue research in laboratories on the Main Campus or at the Health Sciences Center as an independent study and/or honors thesis. An independent study or honors thesis may fulfill one of the three required laboratory courses.

Required Core Courses (nine credits):

- NSCI 3300 - Brain and Behavior
or
- PSYC 3300 - Brain and Behavior

- NSCI 3310 - Cellular Neuroscience
or
- CELL 3310 - Cellular Neuroscience

- NSCI 3320 - Systems Neuroscience
or
- CELL 3320 - Systems Neuroscience

Elective Neuroscience Courses (minimum six credits):

- NSCI 3770 - Sensation and Perception
or
- PSYC 3770 - Sensation and Perception

- NSCI 4110 - Brain and Language
or
- LING 4110 - Brain and Language

- NSCI 4340 - Neurobiology of Disease
or
- CELL 4340 - Neurobiology of Disease

- NSCI 4350 - Developmental Neurobiology
or
- CELL 4350 - Developmental Neurobiology
- NSCI 4370 - Molecular Neurobiology
or
- CELL 4370 - Molecular Neurobiology
- NSCI 4330 - Neurobiology of Learning and Memory
or
- PSYC 4333 - Neurobiology of Learning and Memory
- NSCI 4510 - Biological Psychology
or
- PSYC 4510 - Biological Psychology
- NSCI 4530 - Psychopharmacology
- NSCI 4060 - Behavioral Endocrinology
or
- PSYC 4060 - Behavioral Endocrinology
- NSCI 4380 - Cognitive Neuroscience
or
- PSYC 4380 - Cognitive Neuroscience
- NSCI 4590 - Stress and Trauma
or
- PSYC 4590 - Stress and Trauma
- NSCI 6150 - Methods in Neuroscience
- CELL 6550 - Synaptic Organization of the Brain

Elective Laboratory Courses (minimum of three labs, at least 1 in Neuroscience area *)

- CELL 2115 - General Biology Laboratory
- CELL 3755 - Cell Biology Laboratory
- CELL 3035 - Molecular Biology Laboratory
- CELL 4110 - Cells and Tissues
- CELL 4130 - Embryology
- SCEN 3030 - Anatomy and Physiology I
and
- SCEN 3035 - Anatomy and Physiology I Lab

- SCEN 3040 - Anatomy and Physiology II
and
- SCEN 3045 - Anatomy and Physiology II Lab
- PSYC 3130 - Experimental Psychology
- NSCI 3315 - Cellular Neuroscience Laboratory *
- or
- CELL 3315 - Cellular Neuroscience Laboratory *
- NSCI 3325 - Neuroanatomy Laboratory *
- NSCI 3360 - Neuroanatomy and CNS Dissection *
- NSCI 3775 - Sensation and Perception Lab *
- or
- PSYC 3775 - Sensation and Perception Laboratory *
- NSCI 4065 - Behavioral Endocrinology Laboratory *
- or
- PSYC 4065 - Behavioral Endocrinology Laboratory *
- NSCI 4385 - Cognitive Neuroscience Laboratory *
- or
- PSYC 4385 - Cognitive Neuroscience Lab *
- NSCI 4515 - Biological Psychology Laboratory *
- or
- PSYC 4515 - Biological Psychology Laboratory *
- NSCI 4535 - Psychopharmacology Laboratory *
- NSCI 4595 - Stress and Trauma Laboratory *
- or
- PSYC 4595 - Stress and Trauma Lab *
- Independent Study or Honors Thesis may count as one lab course.

Elective Lecture Courses (minimum of three credits):

- CELL 3750 - Cell Biology
- CELL 3030 - Molecular Biology
- CELL 3050 - Foundations of Pharmacology
- CELL 3210 - Cellular Physiology
- CELL 4010 - Cellular Biochemistry
- CELL 4160 - Developmental Biology
- CELL 6080 - Advanced Developmental and Cell Biology II
- EBIO 1010 - Diversity of Life

and

- EBIO 1015 - Diversity of Life Laboratory
- EBIO 3330 - Human Physiology
- PSYC 3090 - Psychological Applications of Univariate Statistics I
- PSYC 3330 - Abnormal Psychology
- PSYC 3680 - Comparative Animal Behavior
- PSYC 6110 - Psychological Applications of Univariate Statistics II
- PSYC 6130 - Psychological Applications of Multivariate Statistics

Corequisite Courses (30 credits):

- CELL 1010 - General Biology
- CHEM 1070 - General Chemistry I
and
- CHEM 1075 - General Chemistry Laboratory I
- CHEM 1080 - General Chemistry II
and
- CHEM 1085 - General Chemistry Laboratory II
- CELL 2050 - Genetics
- CHEM 2410 - Organic Chemistry I
and
- CHEM 2415 - Organic Chemistry Laboratory I
- CHEM 2420 - Organic Chemistry II
and
- CHEM 2425 - Organic Chemistry Laboratory II
- PHYS 1210 - Introductory Physics I
or
- PHYS 1310 - General Physics I
- PHYS 1220 - Introductory Physics II
or
- PHYS 1320 - General Physics II
- PSYC 1000 - Introductory Psychology

Political Economy Major

The political economy major aims to promote sustained reflection on the interrelations of political and economic activities and institutions. It provides undergraduate students with the basic skills of economic analysis. The major is also based firmly on the view that the study of the interrelations of politics and economics has a rich humanistic tradition and that its pursuit can encourage sustained reflection on fundamental values. Political economy is an interdisciplinary major built on a core of eight required courses and five additional courses drawn from economics, political science, history and philosophy.

This major is designed to avoid the sometimes excessive specialization that characterizes more traditional undergraduate majors. While providing students basic skills of economic analysis, the political economy major at Tulane is distinctively based on the view that technical economic analysis should not be divorced from a broader concern for understanding the moral and historical foundations of economic institutions and political structures.

The requirements of the political economy major include the following core of eight courses:

- ECON 1010 - Introductory Microeconomics
- ECON 1020 - Introductory Macroeconomics
- ECON 3010 - Intermediate Microeconomics
- PECN 3010 - Introduction to Political Economy
- PECN 3020 - Political Economy: An Historical Overview
- PECN 3030 - The Individual, Society, and State
- PECN 3040 - Comparative and International Political Economy
- PECN 6000 - Majors Seminar (Capstone)

The total number of required credits in the core is 24.

The major also requires five electives chosen from an interdepartmental list of courses grouped according to the following four alternative concentrations. The required Political Economy 3010-3040 sequence has been designed to introduce students to the prominent and common concerns of the three tracks. Studies along one of these concentrations provides a focus within the major. Each major's selection of a concentration is made in consultation with the Associate Director, who serves as the faculty adviser for all majors.

Political Economy Concentrations

Law, Economics, and Policy Track

Two of the following:

- ECON 3320 - Urban Economics
- ECON 3330 - Environment and Natural Resources
- ECON 3340 - Government in the Economy
- ECON 3350 - Law and Economics

- ECON 4300 - Regulation
- ECON 4500 - Health Economy and Policy
- ECON 4530 - Economics of Taxation
- ECON 3970 - Special Studies in Economics
- ECON 3980 - Special Studies in Economics

Three of the following:

- HISU 2600 - The History of Early American Law
- HISU 6270 - Intellectual History of Capitalism
- HISU 6911 U.S. Capitalism and U.S. Culture
- PHIL 3560 - Social and Political Ethics
- PHIL 3640 - Philosophy of Law
- PHIL 6510 - Theories of Economic Justice
- PECN 4010 Constitutionalism: Ancient Athens to Present
- PECN 4040 - Democracy, Capitalism, and Free Speech
- PECN 4140 - Theories of Distributive Justice
- POLA 3240 - Public Policy
- POLA 4180 - American Political Culture
- POLA 4230 - Environmental Politics and Policy
- POLA 4250 - Power and Poverty in America
- POLA 4270 - Constitutional Law
- POLA 4800 - Science, Technology, and Public Policy
- POLA 6290 - Judicial Process

Moral and Historical Perspectives Track

Two of the following:

- ECON 3330 - Environment and Natural Resources
- ECON 3350 - Law and Economics
- ECON 3420 - Economic History of the United States
- ECON 3540 - Development Economics
- ECON 4500 - Health Economics and Policy
- ECON 3970 - Special Studies in Economics
- ECON 3980 - Special Studies in Economics

Three of the following:

- HISU 2600 History of Early American Law
- HISU 3840 Popular Culture & the Rise of Consumerism
- HISU 4580 Slavery & Freedom in the Antebellum South
- HISU 6270 Intellectual History of Capitalism
- HISU 6911 U.S. Capitalism & U.S. Culture
- PHIL 3560 Social and Political Ethics
- PHIL 3640 Philosophy of Law
- PHIL 6040 Philosophy of Law
- PHIL 6510 Theories of Economic Justice

- PHIL 6740 Contemporary Political Philosophy
- PECN 4010 Constitutionalism: Ancient Athens to Present
- PECN 4040 Democracy, Capitalism, & Free Speech
- PECN 4140 Theories of Distributive Justice
- PECN 4300 Behavioral Economics & Public Policy
- PECN4970/4980 Special Topics in Political Economy
- POLT 3820 Contemporary Political Ideas
- POLA 4180 American Political Culture
- POLA 4270 Constitutional Law
- POLT 4860 American Political Thought

International Perspectives Track

Two of the following:

- ECON 3020 - Intermediate Macroeconomics
- ECON 3340 - Government in the Economy
- ECON 3370 - World Economy
- ECON 3540 - Development Economics
- ECON 4330 - International Trading Relations
- ECON 3970/ ECON 3980

Three of the following:

- ECON 3330 - Environment and Natural Resources
- ECON 3590 - Economic Development of Latin America
- PHIL 6510 - Theories of Economic Justice
- POLC 3410 - Politics and Nationalism
- POLC 4030 - Comparative Political Economy of the Welfare State
- POLI 3510 - Power, Morality and International Relations
- POLI 3540 - International Political Economy
- POLI 4620 - International Environmental Politics

Economics and Public Policy Track

Required

- ECON 3230 Economic Statistics and Regression

Two of the following

- ECON 3020 Intermediate Macroeconomics
- ECON 3100 Economics of Money and Banking
- ECON 3320 Urban Economics
- ECON 3330 Environment and Natural Resources
- ECON 3810 Economics of Labor
- ECON 3830 Economics of Gender
- ECON 3970/ECON 3980 Special Studies in Economics

Two of the following

- ECON 4230 Econometrics
- ECON 4300 Regulation
- ECON 4500 Health Economics
- ECON 4520 Economics of Public Expenditures
- ECON 4530 Economics of Taxation
- ECON 4600 Inequality and Poverty in Latin America
- ECON 4610 Game Theory Political Economy
- ECON 4300 Behavioral Economics and Public Policy
- ECON 4970/ECON 4980 Special Topics in Political Economy
- POLA 3240 Public Policy
- POLA 4230 Environmental Politics and Policy
- POLA 4800 Science, Technology, and Public Policy

Additional Political Economy Courses

- PECN 4560 - Internship Studies
- PECN 4570 - Internship Studies
- PECN 4970 - Special Topics in Political Economy
- PECN 4980 - Special Topics in Political Economy

Internships and Honors Program

In the summer between junior and senior years, a political economy major may elect to participate in a summer internship. The Murphy Institute offers a limited number of grants in an open competition for political economy majors only. With consent of the Director, a student may pursue a degree with honors in political economy. A senior honors thesis is required.

Finally, it should be noted that undergraduate majors in political economy are invited to participate in various activities sponsored by the Murphy Institute. The Murphy Institute hosts prominent scholars and public figures in a series of annual lectures. Student majors are invited to all of these occasions, as well as to more informal meetings with our visitors.

The Murphy Institute sponsors semester and summer abroad programs in London and Cambridge. Further information on the political economy major may be obtained from the Associate Director.

Engineering Physics

Website

tulane.edu/sse/pep/academics/undergraduate/engineering-physics-program/

Overview

This interdisciplinary program provides students with a broad science and mathematics background similar to that of Tulane's traditional physics major, combined with a strong grounding in engineering design and the application of physics principles to practical engineering problems. The curriculum is characterized by a strong emphasis on modern physics and its application to 21st century technology, including new materials, quantum electronics, nanofabrication, and devices. Focus areas in our department include: materials engineering, computational engineering, and nano devices. Our students will be well equipped to pursue research and development careers in new and emerging technologies that cut across traditional engineering and science disciplines, to pursue graduate studies in science or engineering, or to enter professional fields including law, management, and medicine. Graduates will have substantial experience with laboratory methods, data analysis, and computation. A centerpiece of the curriculum is the design sequence, consisting of a two-semester Introduction to Design sequence, a summer industry internship, and a two-semester capstone Team Design Project. As an intrinsic part of the curriculum, students develop strong oral and written communication skills, multidisciplinary teamwork skills, experience in public service, and knowledge about the high ethical standards of the engineering profession. The program builds on cross-cutting areas of research strength in the School of Science and Engineering, including: novel 21st century materials; materials for energy; biomolecular materials; macromolecules; "quantum mechanics to devices"; surfaces, interfaces, and nanostructures; and computation.

Tulane's Engineering Physics program is accredited by the Engineering Accreditation Commission of ABET (abet.org).

Mission Statement for Engineering Physics

The mission of our program is to provide the highest quality education for students in the principles and applications of Engineering Physics. The excellence of the program is ensured by our department's high regard for teaching, research activities and industrial ties. The program educates students to take leadership roles in industry, academia and government.

Undergraduate Program Objectives for Engineering Physics

Our engineering physics program aims to educate students to become professionals with in-depth knowledge and skills in mathematics, science and engineering to understand physical systems; to research, design and solve problems; and to provide the foundation for graduate study and lifelong learning. Our objective is to prepare graduates who will successfully pursue:

- Advanced studies leading to research and/or professional careers in Engineering
- Advanced studies leading to research and/or professional careers in Physical Science
- Careers in Engineering Physics or related technical and professional fields.

Undergraduate Program Outcomes for Engineering Physics

Graduates of the Engineering Physics program at Tulane University will attain:

- an ability to apply knowledge of mathematics, science, and engineering;
- an ability to design and conduct experiments, as well as to analyze and interpret data;
- an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability;
- an ability to function on multi-disciplinary teams;
- an ability to identify, formulate, and solve engineering problems;
- an understanding of professional and ethical responsibility;
- an ability to communicate effectively;
- the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context;
- a recognition of the need for, and an ability to engage in life-long learning;
- a knowledge of contemporary issues;
- an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

Engineering Physics is a field that provides broad training in physics and mathematics and basic training in engineering and design. The practitioner of engineering physics is involved in the development of new devices and products using sophisticated physical concepts. The engineering physics curriculum educates students to work in areas where technology is changing rapidly and where the boundaries of several traditional engineering disciplines overlap, such as nanomaterials/devices, lasers, plasmas, robotics, materials, medical imaging, superconductors, and semiconductors. The curriculum develops sufficient depth in both engineering and science to produce graduates who are able to relate basic knowledge to practical problems in engineering. The engineering physicist is a person with the training of both an applied physicist and an engineer, the inclination to attack novel as well as routine problems in engineering, and the flexibility to exploit basic knowledge in any branch of science and technology using analytical and experimental skills.

Our engineering physics curriculum places emphasis on:

- basic principles of engineering
- problem solving
- mathematics
- physics
- engineering design
- computer science and engineering
- chemistry
- science and scientific principles
- research
- communications

- multi-disciplinary teamwork
- continuous learning
- leadership
- ethics
- preparation for advanced degrees in engineering and science

The required curriculum for engineering physics is relatively full. Class schedules should be carefully planned. Typical of engineering in the US, some engineering physics majors may take a course overload in some semesters.

General Course Requirements for Engineering Physics

The major curriculum consists of the following requirements (94 credits total plus Tulane Core Curriculum requirements):

Tulane University's Core Requirements for Graduation

Note that Engineering Physics majors must complete six cultural knowledge electives, but are exempt from the language requirement.

Mathematics: (13 credits minimum)

Four mathematics classes to be completed during the first two years of study that include:

- MATH 2210 - Calculus III
and
- MATH 2240 - Introduction to Applied Mathematics
or
- MATH 4240 - Ordinary Differential Equations

Basic Science: (22 credits)

First year of study:

- PHYS 1310 - General Physics I
- PHYS 1320 - General Physics II
- CHEM 1070 - General Chemistry I
- CHEM 1075 - General Chemistry Laboratory I
- CHEM 1080 - General Chemistry II
- CHEM 1085 - General Chemistry Laboratory II

Second year of study:

- PHYS 2350 - Modern Physics I
- PHYS 2360 - Modern Physics II

Introduction to Design I and II: (7 credits)

Typically taken in the second year of study

- ENGP 2020 - Computational Concepts and Applications
- ENGP 2310 - Product and Experimental Design

General Engineering Courses: (12 credits)

- ENGP 2010 - Electric Circuits
- CENG 2120 - Thermodynamics I
- ENGP 1410 - Statics
- ENGP 2430 - Mechanics of Materials

Materials Science and Engineering: (3 credits)

- ENGP 3120 - Materials Science and Engineering

Advanced Laboratory: (3 credits)

- ENGP 3530 - Advanced Laboratory

Nanoscience and Technology: (3 credits)

- ENGP 3600 - Nanoscience and Technology

Computation: (3 credits)

- ENGP 3170 - Computational Physics and Engineering
or
- CENG 3230 - Numerical Methods for Chemical Engineers
or
- MATH 3310 - Scientific Computing I and one additional engineering elective

Seminar: (1 credit)

- PHYS 3800 - PHYS/ENGP 3800 Colloquia (1)

Contemporary Topics: (3 credits)

One course chosen from among:

- PHYS 3150 - Introduction to Neutron Science
or
- PHYS 6150 - Introduction to Neutron Science
- PHYS 3210 - Molecular Biophysics and Polymer Physics
or

- PHYS 6210 - Molecular Biophysics and Polymer Physics
- PHYS 3230 - Quantum Information Science and Engineering
or
- PHYS 6230 - Quantum Information Science and Engineering
- PHYS 3450 or 6450
- PHYS 3700 - Electronic Properties of Materials
or
- PHYS 6700 - Electronic Properties of Materials
- PHYS 4470 - Introductory Quantum Mechanics

Classical Topics: (3 credits)

One course chosen from among:

- PHYS 3630 - Electromagnetic Theory
- PHYS 3740 - Classical Mechanics
- PHYS 4230 - Thermal Physics
- PHYS 4650 - Optics

Engineering Electives: (12 credits)

Four courses chosen from among:

- CENG 2110 - Material and Energy Balances
- CENG 2320 - Transport Phenomena I
- CENG 2500 - Introduction to Biotechnology and Biomolecular Engineering
- ENGP 2420 - Engineering Dynamics
- ENGP 3350 - Kinetics of Material System
- ENGP 3360 - Structure of Material
- ENGP 3380 - Material of Energy
- ENGP 3530 -Advanced Lab
- ENGP 3620 -
- ENGP 3910 - Special Topics in Engineering Physics
- ENGP 3911 -
- BMEN 2730 - Biomedical Electronics with Lab
- BMEN 3300 - Biomechanics
- BMEN 3400 - Biomaterials & Tissue Engineering
- BMEN 3440 - Biofluid Mechanics
- BMEN 3780 - Projects in Embedded Control or other courses as approved by the Faculty Advisor(12 credits)

Note: Students matriculating before Fall 2014 may count ENGP 3410(Internship I) as one of the four Engineering Electives, or they may alternatively use ENGP 3410 to replace ENGP 2011, ENGP 3430, and ENGP 3430.

Engineering or Related Field Elective:

One additional course in engineering (e.g. an approved engineering elective) or a related field (e.g. mathematics, computer science, biology, music technology, etc.) as approved by the Faculty Advisor. This additional elective cannot be counted against any existing requirement (3 credits)

Note: This requirement does not apply to any students matriculating before Fall 2016.

Professional Development:

ENGP 3440 (Professional Development for Engineer I & II), normally taken in the junior year (2 credits)

Summer Internship: (0 credits)

Normally done in the summer following the third year of study (0 credits)

Team Design Project and Professional Practice I and II: (6 credits)

Taken in the fourth year of study

- ENGP 4310 - Team Design Project and Professional Practice I
- ENGP 4320 - Team Design Project and Professional Practice II

Note:

Many intermediate and advanced courses in the program have prerequisites listed under the Basic Science and Mathematics categories; several of the allowed electives may have additional prerequisites. Many of the required and elective courses may not be offered every year. Students must work closely with the departmental undergraduate advisor to develop an individualized schedule of courses that fits their needs and interests, while satisfying all of the above requirements along with the university's core requirements for graduation.

ROTC Courses

ROTC courses, if elected, are taken in addition to the normal courses. Please see the Engineering Physics advisor for details.

Sample Schedule of Classes for Engineering Physics

1st Year Fall:

- PHYS 1310 - General Physics I
- CHEM 1070 - General Chemistry I
- CHEM 1075 - General Chemistry Laboratory I

- MATH 1210 - Calculus I
- ENGL 1010 - Writing
- TIDES Course Credits / Units: 1

1st Year Spring:

- PHYS 1320 - General Physics II
- CHEM 1080 - General Chemistry II
- CHEM 1085 - General Chemistry Laboratory II
- MATH 1220 - Calculus II
- ENGP 1410 - Statics

2nd Year Fall:

- PHYS 2350 - Modern Physics I
- MATH 2210 - Calculus III
- ENGP 2010 - Electric Circuits
- ENGP 2011 - Electric Circuits Lab
- ENGP 2310 - Product and Experimental Design
- Public Service Course: e.g., Introduction to Physics Pedagogy
- Cultural Knowledge Elective 1 (3)

2nd Year Spring:

- PHYS 2360 - Modern Physics II
- MATH 2240 - Introduction to Applied Mathematics
- ENGP 2020 - Computational Concepts and Applications
- Engineering Elective: e.g., BMEN 2730: Electronics
- Cultural Knowledge Elective 2 (3)

3rd Year Fall:

- ENGP 2430 - Mechanics of Materials
- ENGP 3430 - Professional Development for Engineers I
- PHYS 3800 - PHYS/ENGP 3800 Colloquia (1)
- Classical Elective: e.g., PHYS 3630: Electromagnetic Theory (3)
- Cultural Knowledge Elective 3 (3)
- Engineering Elective: e.g., BMEN 3440: Biofluids (3)
- Engineering Elective: e.g., ENGP 2420: Engineering Dynamics (3)

3rd Year Spring:

- CENG 2120 - Thermodynamics I
- ENGP 3120 - Materials Science and Engineering
- ENGP 3170 - Computational Physics and Engineering
- ENGP 3440 - Professional Development for Engineers II
- ENGP 3530 - Advanced Laboratory

4th Year Fall:

- ENGP 4310 - Team Design Project and Professional Practice I
- PHYS 4880 - Writing Intensive: ENGP 4310
- Engineering or Related Elective, e.g., Microfabrication and Nanotechnology (3)
- Cultural Knowledge Elective 4 (3)
- Cultural Knowledge Elective 5 (3)

4th Year Spring:

- ENGP 3600 - Nanoscience and Technology
- ENGP 4320 - Team Design Project and Professional Practice II
- Engineering Elective: e.g., ENGP 3360: Structure of Materials (3)
- Contemporary Elective: e.g., PHYS 4470: Quantum Mechanics (3)
- Cultural Knowledge Elective 6 (3)

Notes

[information on the major](#)

[information about courses](#)

Philosophy Major

All students majoring in philosophy and not writing an honors thesis must complete a total of nine courses (27 credits) in philosophy. All students majoring in philosophy and writing an honors thesis must complete ten courses (31 credits). In this case, honors thesis work in H4990 and H5000 counts for two courses and seven credits. (One of these seven credits is a writing requirement credit.) In addition to the standard major, the department offers two more specialized tracks within the major: Law, Morality, and Society; and Language, Mind, and Knowledge.

Honors Thesis

- PHIL H4990 - Honors Thesis
- PHIL H5000 - Honors Thesis

Standard Major

For the standard major in philosophy the specific course requirements are:

The two course sequence in the history of philosophy

- PHIL 2010 - History of Ancient Philosophy
- PHIL 2020 - History of Modern Philosophy

One course in logic

- PHIL 1060 - Critical Thinking
- PHIL 1210 - Elementary Symbolic Logic
- PHIL 3040

One course in ethics

- PHIL 1030 - Ethics
- PHIL 1050
- PHIL 3510 - History of Ethics
- PHIL 3550 - Medical Ethics
- PHIL 3560 - Social and Political Ethics
- PHIL 3570
- PHIL 3580 - Ethical Theory

One Course in metaphysics/mind/epistemology

- PHIL 2030 - Minds, Machines, and Experience
- PHIL 3120 - Analytic Philosophy
- PHIL 3410 - Theory of Knowledge
- PHIL 3420 - Metaphysics
- PHIL 3740 - Consciousness
- PHIL 3800 - Language and Thought
- PHIL 6100 - Skepticism

- PHIL 6120 - Metaphysics
- PHIL 6150 - Freedom and the Self
- PHIL 6170 - Philosophy of Perception
- PHIL 6180 - Mental Representation
- PHIL 6190 - Philosophy of Mind

Additional Information

At least two of the remaining courses must be at the 6000-level. No more than three of the required nine courses can be at the 1000-level.

Concentration in Law, Morality, and Society

For the concentration in Law, Morality, and Society the specific course requirements are:

The two course sequence in classics of political philosophy

- PHIL 2110 - Classics of Ancient Political Philosophy I
- PHIL 2120 - Classics of Ancient Political Philosophy II

One course in critical thinking or logic

- PHIL 1060 - Critical Thinking
- PHIL 1210 - Elementary Symbolic Logic

Four other courses in ethics, political philosophy or the philosophy of law

- PHIL 1030 - Ethics
- PHIL 1050
- PHIL 3340 - Humanity's Place in Nature
- PHIL 3510 - History of Ethics
- PHIL 3550 - Medical Ethics
- PHIL 3560 - Social and Political Ethics
- PHIL 3580 - Ethical Theory
- PHIL 3650 - Crime and Punishment
- PHIL 3640 - Philosophy of Law
- PHIL H4990 - Honors Thesis
- PHIL H5000 - Honors Thesis
- PHIL 6130 Moral Psychology and Meta-Ethics
- PHIL 6510 - Theories of Economic Justice
- PHIL 6520
- PHIL 6720
- PHIL 6740 - Contemporary Political Philosophy
- PHIL 6750 - Utilitarianism

Additional Information

One course outside these areas at the 3000-level or above. At least two courses must be at the 6000-level.

Concentration in Language, Mind, and Knowledge

For the concentration in Language, Mind, and Knowledge the specific course requirements are:

The two course sequence in the history of philosophy

- PHIL 2010 - History of Ancient Philosophy
- PHIL 2020 - History of Modern Philosophy

One course in logic

- PHIL 1210 - Elementary Symbolic Logic

Four other courses in philosophy of language, mind, or knowledge

- PHIL 1040 - Beginning with Minds
- PHIL 2200 - Matter and Consciousness
- PHIL 3120 - Analytic Philosophy
- PHIL 3410 - Theory of Knowledge
- PHIL 3420 - Metaphysics
- PHIL 3740 - Consciousness
- PHIL 3750 - Mind and Knowledge
- PHIL 3800 - Language and Thought
- PHIL H4990 - Honors Thesis
- PHIL H5000 - Honors Thesis
- PHIL 6090
- PHIL 6120 - Metaphysics
- PHIL 6170 - Philosophy of Perception
- PHIL 6180 - Mental Representation
- PHIL 6190
- PHIL 6620 - Philosophical Logic

Additional Information

One course outside of these areas at the 3000-level or above. At least two of these courses must be at the 6000-level.

Courses Eligible for the Capstone

- PHIL 6040 Philosophy of Law. Prerequisite: at least one previous course in ethics or political philosophy.
- PHIL 6050 Moral Philosophy. Prerequisite: at least one previous course in ethics.
- PHIL 6100 Skepticism. Prerequisite:

- PHIL 1210 and 2020 or equivalent.
- PHIL 6120 Metaphysics. Prerequisite: PHIL 2010 and PHIL 2020 or equivalent.
- PHIL 6150 Freedom and the Self. Prerequisite: PHIL 2020 or equivalent.
- PHIL 6180 Mental Representation.
- PHIL 6190 Philosophy of Mind. Prerequisite: at least one previous course in philosophy of mind or metaphysics.
- PHIL 6200 Plato. Prerequisite: PHIL 2010, PHIL 2110 or equivalent.
- PHIL 6210 Aristotle. Prerequisite: PHIL 2010, PHIL 2110 or equivalent.
- PHIL 6260 Rationalism. Prerequisite: PHIL 2020 or equivalent.
- PHIL 6270 Empiricism. Prerequisite: PHIL 2020 or equivalent. PHIL 6280 Kant's Critique of Pure Reason. Prerequisite: PHIL 2020 or equivalent.
- PHIL 6290 Kant's Ethics. Prerequisite: PHIL 2020, PHIL 2120 or equivalent.
- PHIL 6330 Nietzsche. Prerequisite: PHIL 2020, PHIL 2120 or equivalent.
- PHIL 6340 Heidegger. Prerequisite: PHIL 2020, PHIL 2120 or equivalent.
- PHIL 6540 Global Justice. Prerequisite: one course in ethics or political philosophy.
- PHIL 6740 Political Philosophy: one course in ethics or political philosophy.

Physics Major

Website

<http://www.physics.tulane.edu/StudentsPhysMission.shtml>

Overview

Physics is the most fundamental science. It is the foundation for our understanding of the world around us, spanning the ultimate depths within subatomic nuclei to distances beyond the known universe. Physics provides a basis for other sciences, including chemistry, biology, astronomy, and geology. Physics discoveries, which led to technologies ranging from energy sources to quantum information and nano-communication devices to state of the art medical diagnostics, have revolutionized our world, and will continue to do so. The physics curriculum at Tulane provides strong analytical skills and problem-solving abilities for careers ranging from academic research, to industrial development, to large government exploration, to project management, to the financial sector, to creative writing. The curriculum is unusually flexible and has successfully led to degrees with double, and even triple majors in diverse fields. The physics program also promotes and rewards creativity, stimulates intellectual development, and engages our students in life-long learning.

Mission Statement for Physics

The mission of the Physics program is to provide outstanding opportunities for learning and research in physics and teaching of the highest quality and impact, addressing needs and challenges of the 21st century. The program is designed to assist our students in developing deep understanding via powerful problem-solving skills, preparing them for a very broad range of opportunities.

Program Objectives for Physics

The Physics program aims to educate students to become professionals with in-depth knowledge and skills in science and mathematics to understand physical systems; to research, design and solve problems in physics and related disciplines; and to provide the foundation for graduate study and lifelong learning. Our objective is to prepare graduates to be able to successfully pursue:

- Advanced studies leading to research and/or professional careers in physical science;
- Careers in related technical and professional fields in industry or government.

Program Outcomes for Physics

Graduates of the Physics program at Tulane University will attain:

- an ability to apply knowledge of physics, mathematics, other sciences, and engineering;
- an ability to design and conduct experiments, as well as to analyze and interpret data;
- an ability to function on multi-disciplinary teams;

- an ability to identify, formulate, and solve problems;
- an understanding of professional and ethical responsibility;
- an ability to communicate effectively;
- a recognition of the need for, and an ability to engage in life-long learning;
- a knowledge of contemporary issues;
- an ability to apply advanced mathematics through multivariate calculus, differential equations, and/or numerical techniques;
- a knowledge of contemporary analytical and experimental techniques;
- a competence in the use of computational tools and in the use of a high-level programming language;
- a depth of knowledge in calculus-based physics at an advanced level.

Our physics curriculum places emphasis on:

- physics
- mathematics
- computer science and engineering
- problem solving
- science and scientific principles
- research
- communications
- multi-disciplinary teamwork
- continuous learning
- leadership
- ethics
- preparation for advanced degrees in a broad variety of fields

The basic physics requirements are flexible and accommodate degrees with majors in multiple and diverse fields. Students planning to continue on to graduate school should take more than the minimum courses required.

General Course Requirements for Physics

The intention of Tulane's physics major program is to encourage students to continue on to graduate education in Physics and related disciplines or to pursue cross-disciplinary preparation in physics for medical or other professional schools. Dual majors are encouraged, however students may not major in both Physics and Engineering Physics due to the substantial overlap. Students pursuing a career in physics are advised to follow the "Pre-Graduate Training" sequence. The minimum GPA for degree certification, counting all courses pertaining to Physics, Mathematics, and approved Science and Engineering electives, is 2.50.

The basic requirements for a Physics Major are as follows:

I. At least 13 credits (four courses) of mathematics:

At least two courses at the 2000-level or above.

II. Nine courses in Physics including:

- PHYS 1310 - General Physics I
- PHYS 1320 - General Physics II
- PHYS 2350 - Modern Physics I
- PHYS 2360 - Modern Physics II
- PHYS 3530 - Advanced Laboratory

Six credits (two out of the nine courses) must be chosen from the following:

- PHYS 3010 - Theoretical Physics
- PHYS 3630 - Electromagnetic Theory
- PHYS 3740 - Classical Mechanics
- PHYS 4230 - Thermal Physics
- PHYS 4470 - Introductory Quantum Mechanics

III. Physics Seminar:

- PHYS 3800 - PHYS/ENGP 3800 Colloquia (1)

IV. Five elective courses in Mathematics, Physics, Chemistry, or Engineering at the 2000-level or above:

Electives from other Science departments at the 2000-level and above are not normally accepted. Students should always confirm with the Major Advisor that all their electives are acceptable. All courses or electives counting towards the requirements must be at least three credits.

Notes:

- Students are encouraged to consider a bachelor of science in physics as preparation for graduate study in disciplinary and interdisciplinary sciences (physics, astrophysics, biophysics, chemistry, neuroscience, materials science, geophysics, meteorology, oceanography, and applied physics), for professional study in medicine, patent law, business, or engineering, and for careers in environmental science, in mathematical or computer modeling, in science writing, or in science and public policy.
- Within the requirements above, programs can be tailored to suit the needs of students who elect these career options. In addition, the department offers a 4+1 program that allows students to obtain a Master's Degree in five years, by enabling them to take graduate level courses as an undergraduate. Tulane University is a member of the Oak Ridge Associated Universities (ORAU) consortium.
- Research opportunities are often available for undergraduate Physics majors in conjunction with faculty, on a case by case basis.
- Students are responsible for fulfilling all TIDES, cultural knowledge, foreign language, writing, service learning, and other requirements, required by Tulane and the School of Science and Engineering.
- The above requirements apply to students entering Tulane in Fall 2012 and thereafter. For the previous requirements, please see the appropriate version of the Tulane catalog or the Physics and Engineering Physics website.

Sample Schedule of Classes for Physics:

(This is only a suggested schedule and students should not feel compelled in any way to model their course of studies on this example. Many other options and alternatives are possible, especially when including a double major. Chemistry, for example, is not a requirement for the B.S. in Physics. The illustration of certain courses in certain semesters below does not guarantee they will be offered in the suggested semester. Many physics courses at the 3000-level and above are given only once every two years. Students should keep abreast of actual course offerings as they are published by the Registrar.)

1st Year Fall:

- PHYS 1310 - General Physics I
- MATH 1210 - Calculus I
- ENGL 1010 - Writing
- CHEM 1070 - General Chemistry I
- CHEM 1075 - General Chemistry Laboratory I
- TIDES Course

1st year Spring:

- PHYS 1320 - General Physics II
- CHEM 1080 - General Chemistry II
- CHEM 1085 - General Chemistry Laboratory II
- MATH 1220 - Calculus II
- Foreign Language or Elective

2nd Year Fall:

- PHYS 2350 - Modern Physics I
- MATH 2210 - Calculus III
- Cultural Knowledge Elective
- Foreign Language or Elective(s)
- Public Service Course, e.g., Introduction to Physics Pedagogy

2nd Year Spring:

- PHYS 2360 - Modern Physics II
- PHYS 3170 - Computational Physics and Engineering
- PHYS 4230 - Thermal Physics
- MATH 2240 - Introduction to Applied Mathematics
- Cultural Knowledge Elective
- Elective(s)

3rd Year Fall:

- PHYS 3010 - Theoretical Physics
- PHYS 3630 - Electromagnetic Theory
- PHYS 3700 - Electronic Properties of Materials

- PHYS 3800 - PHYS/ENGP 3800 Colloquia (1)
- Cultural Knowledge Elective
- Elective

3rd Year Spring:

- PHYS 3600 - Nanoscience and Technology
- PHYS 4650 - Optics
- Cultural Knowledge Elective

4th Year Fall:

- PHYS 3150 - Introduction to Neutron Science
- Capstone Course (e.g., PHYS 4910 and PHYS 5110)
- Elective(s)

4th Year Spring:

- PHYS 4470 - Introductory Quantum Mechanics
- Elective(s)

Pre-Graduate Training in Physics:

The student who intends to continue graduate work in physics should complete at least 32 credits in physics including 1310, 1320, 2350, 2360, 3630, 3740, 4230, 4470, and 4650.

Students are encouraged to undertake a research project and write a senior honors thesis under the supervision of a physics faculty member. Recommended mathematics courses include 3050, 3090, 4060, 4210, and 4300. Courses in scientific computing, e.g., PHYS 3170 or MATH 3310 are also recommended.

Political Science Major

Requirements of the Major (POLS):

Majors must complete at least 33 credits of coursework: 30 credits from within Political Science (31 for those completing the departmental capstone rather than an honors thesis), plus three credits outside the Department from the options in Requirement 3 (below). Only four credits of honors thesis research may be counted in the total.

Transfer credit for courses taken outside Tulane University involving different credit systems will be evaluated case by case by the department's undergraduate studies director.

Required Courses:

POLS 2010: Introduction to Scope and Methods of Political Science

Students must take at least three of the following courses:

- POLA 2100 (American Government) (or a 4 or 5 on the A.P. American Government Exam)
- POLC 2300 (Introduction to Comparative Politics) (or a 4 or 5 on the A.P. Comparative Politics Exam)
- POLI 2500 (Introduction to International Relations)
- POLT 2700 (Political Thought in the West)

Statistics or Foreign Language Component:

Students must complete either a statistics or a foreign language component.

Statistics Component:

- MATH 1110 (Probability and Statistics I), or other equivalent course.¹

Foreign Language Component:

- Students must complete one additional course (3 credits) beyond the SLA foreign-language requirements.

Electives:

Students must successfully complete at least six electives in political science. No more than four of these courses can be in any single subfield (POLA, POLC, POLI, or POLT).

Pre-requisites:

Students must have successfully completed the correlating introductory course in order to enroll in any course above the 3000-level. For example, students must complete POLA 2100 in order to enroll in POLA 4000 or 6000-level course. Of course, faculty may choose to add other pre-

requisites to any course and are encouraged to do so in any case in which they feel that doing so would improve student preparation for and performance in their own courses. Non-major juniors and seniors may enroll in courses at the 4000-level or above with the consent of the instructor. The Political Science department enforces all pre-requisites. Students must have successfully completed a pre-requisite the semester before registering for any class. The department reserves the right to drop students who are missing the pre-requisite from the course without notice.

Level of Coursework:

1. Students must successfully complete at least two courses at the 4000 level or above. This does not include internships, independent studies, or honors thesis credits.
2. Students must successfully complete either one course at the 6000 level or one 4-credit writing intensive course in political science. Honors thesis credits do not count as political science writing courses.
3. Students may not exceed six credits of internship toward their total hours of graduation and can count only one internship course (POLS 4560) toward the major requirements.

Concentration in International Development (PSIR Major)

Students concentrating in PSIR must complete the following requirements in addition to the general political science major requirements.

Economics Component:

PSIR majors must successfully complete 2 of the following courses:²

- ECON 1010 (Microeconomics)
- ECON 1020 (Macroeconomics)
- ECON 1050 (Macroeconomics for public service)
- MATH 1110 (Probability and Statistics I)
- POLI 3540 (International Political Economy)
- ECON 3370 (The World Economy)
- POLC 6110 (Comparative Political Economy)

Foreign Language Component:

Students selecting the PSIR concentration must fulfill the foreign language component in addition to the expanded economics component.

Electives:

SIX courses, at least THREE of which must be in either International Relations POLI and/or Comparative Politics (POLC). and/or International Development (PSDV). Not more than FOUR of the electives may be in any single subfield (POLA, POLC, POLI, PSDV or POLT).

Level of Course Work:

At least two courses need to be at the 4000-level or above. This does not include internships, independent studies, or honors thesis credits.

Either one course at the 6000 level **OR** one four-credit writing intensive course in political science. This course cannot be “double-counted” and used to fulfill the requirement above; in other words, it does not count toward the “two classes at the 4000-level or above” requirement.

Students may not exceed six credits of internship toward their total hours of graduation and can count only one internship course (POLS 4560) toward major requirements.

Concentration in International Development (PSDV Major)

This major concentration requires 36 credits.

Required Courses:

POLS 2010 (Scope and Methods of Political Science)

PSDV 2400 (Introduction to International Development)

PSDV 3200 (Development Issues and Strategies)

One Course from the Following:

POLC 2300 (Introduction to Comparative Politics)

POLI 2500 (Introduction to International Relations)

Economics Component:

ECON 1020 (Introduction to Macroeconomics)

POLI 3540 (International Political Economy)

Foreign Language Component:

Students must complete one additional three-credit course beyond the SLA foreign-language requirements. Course must be taught in the target language.

Electives:

FIVE courses, at least TWO of which must be International Development (PSDV) and TWO of which must come from a list of approved electives from outside of the department.

Level of Course Work:

At least two courses need to be at the 4000-level or above. This does not include internships, independent studies, or honors thesis credits.

- Either one course at the 6000 level **OR** one four-credit writing intensive course in political science. This course cannot be “double-counted” and used to fulfill the requirement above; in other words, it does not count toward the “two classes at the 4000-level or above” requirement.
- Students may not exceed six credits of internship toward their total hours of graduation and can count only one internship course (POLS 4560) toward major requirements.

Minor Requirements

A minor in political science (POLS or POLI) consists of six courses in political science, in at least two different subfields, with at least three courses above the 3000 level. A minor in the PSDV field requires PSDV 2400, PSDV 3200, ECON 1020 or POLI 3540 and three electives, at least of which is in PSDV. At least three of the six courses for the PSDV minor must be at the 3000-level or above.

Guidelines for POLS/PSIR/PSDV Majors Planning to Study Abroad

1. No more than THREE classes for one-semester studied abroad or FIVE for a whole year will count toward fulfillment of the POLS/PSIR major.
2. We do not transfer classes at the 4000-level or above unless we have a direct equivalent in our catalog. The courses students take will typically transfer in at the 3000-level or below.
3. Students need to consult the Director of Undergraduate Studies upon their return in order to have the classes taken abroad assigned numbers that will be recognized by the department (the number "5380," which is automatically assigned by the registrar, is NOT the official course number).

Honors Thesis Form and Deadline

If you are planning to write an honors thesis this year, you are required to submit the form (linked below), with the requisite signatures, to the departmental office (316 Norman Mayer) by the 2nd Wednesday of the fall semester. We recognize that it is in advance of the deadline in the Honors Department for their form and prospectus. [Independent Study Registration Form](#)

Notes

¹Political Science (POLS) majors who are double majors in Sociology or Psychology may satisfy this requirement through the successful completion of SOCI 3030 (Intro to Research Design), PSYC 3090 (Psychological Applications of Univariate Statistics I). Equivalent courses from other departments or schools may also satisfy this requirement for any student majoring in Political Science, as determined by the Department Chair or Undergraduate Studies Director.

² A course in the political economy department (such as PECN 3040) that is approved by the political science department's director of undergraduate studies may also be considered.

³POLI 3540 (International Political Economy) and POLC 6110 (Comparative Political Economy) can count for either the Economics Component or an Elective but not both.

For PSIR and PSDV majors, the general major's GPA requirements and Level of Coursework requirements remain the same. Students should keep this in mind as they select electives so that they take the required 4000 level and writing intensive/6000 level courses within the

concentration. Likewise, students majoring in PSIR must successfully complete at least 10 courses in political science, and are bound by the same pre-requisites as those in POLS. Students majoring in PSDV are also bound by the prerequisites but take at least seven courses in Political Science.

The honors thesis satisfies the writing-intensive requirement for the BA in political science

Portuguese Major

Students majoring in Portuguese must complete ten courses (30 credits) beyond the 2000 level. All majors must take at least three 6000 level courses except for Junior Year Abroad students, who are required to take two 6000 level courses in the department. The Portuguese Major is classified as a coordinate major, meaning that it must be paired with a separate primary major (for example, Latin American Studies, Public Health, etc) and cannot be taken as a student's sole major. Students complete their writing intensive requirement, service learning requirement, and capstone course through the primary major.

Public Relations

Required Courses - 21 credits

- MDAR 1010 Introduction to Media Arts
- MDAR 2610 Principles of Public Relations
- MDAR 3610 Public Relations Campaigns
- MDAR 3650 Internet Public Relations
- JOUR 2010 Introduction to Journalism
- MDAR 2050 Media and the Law
- MDAR 2650 Public Relations Writing

Select one from the following - 3 credits

- MDAR 2100 Visual Communication
- MDAR 2350 Graphic Design I
- MDAR 2810 Web Design I

Select one from the following - 3 credits

- MDAR 2010 Ethical issues in the Media
- BSMT 3380 Business Ethics

Select one - 3 credits

- MDAR 5010 Media Arts Internship

Psychology and Early Childhood Education Major

A major in psychology and early childhood education is possible by completing the following courses:

- PSYC 1000 - Introductory Psychology
- PSYC 3090 - Psychological Applications of Univariate Statistics I
- PSYC 3180 - Psychological Testing and Measurement
- PSYC 3200 - Educational Psychology
- PSYC 3210 - Child Psychology
- PSYC 3230 - Nursery School Observation
- PSYC 3250 - The Psychology of Early Childhood
- PSYC 3260 - Infancy

- PSYC 3340 - Developmental Psychopathology
or
- PSYC 3330 Abnormal Psychology

- PSYC 3350 - Nursery School Principles

- PSYC 3650 - Family Psychology and Psychopathology
or
- SOCI 1030 - Sociology of the Family

- PYSC 3670
or
- PSYC 3680
or
- PSYC 3700

Note(s):

Students also must complete a series of education courses in early childhood education, which includes their capstone experience. Refer to the Office of Teacher Preparation and Certification (teacher.tulane.edu) for a description of these courses and other requirements. Students receive the B.A. degree and must complete the College and School of Liberal Arts core requirements.

Psychology Major

The following are required for the major in psychology:

- PSYC 1000 - Introductory Psychology
- PSYC 3090 - Psychological Applications of Univariate Statistics I
- PSYC 3130 - Experimental Psychology
- One additional psychology laboratory course (beyond 3090 and 3130)
- Courses to meet the departmental distribution requirement
- Additional electives to reach 27 total credits of 3000-level or above psychology courses.
(Please note that ALL 3000 level courses count towards the 27 credits, including 3090 and 3130, the additional lab course, and the departmental distribution requirements).

For the distribution, one course must be taken from each of the two following areas:

Psychobiology:

- PSYC 3300 - Brain and Behavior
- PSYC 3680 - Comparative Animal Behavior
- PSYC 3700 - Evolution and Psychology

Social, Developmental, and Cognitive Processes:

- PSYC 3210 - Child Psychology
- PSYC 3240 - Urban Child Development
- PSYC 3250 - The Psychology of Early Childhood
- PSYC 3310 - Introduction to African-American Psychology
- PSYC 3390 - Adolescent Psychology
- PSYC 3430 - Introduction to Social Psychology

Techniques and Applications:

- PSYC 3010 – Introduction to Personality
- PSYC 3180 – Psychological Testing and Measurement
- PSYC 3200 – Educational Psychology
- PSYC 3330 – Abnormal Psychology
- PSYC 3340 – Developmental Psychopathology
- PSYC 6110 – Psychological Applied Univariate Statistics II
- PSYC 6130 – Psychological Applied Multivariate Statistics

In addition:

Students majoring in psychology must complete the math courses necessary for the B.S. degree, one SSE laboratory course (and its co requisite) outside of PSYC, and one 3 credit non-laboratory SSE courses that is outside (and NOT cross-listed with) PSYC.

Russian Major

A major in Russian consists of at least nine courses totaling 27 credits above 2030. It is expected that each major will plan a balanced program. Approval by the departmental adviser of each semester's program is required.

Sociology Major

To major in sociology a student must complete a minimum of 27 credits (nine three-credit courses) taken from courses offered by the department. One 1000- level course, SOCI 2010, SOCI 3030, SOCI 3040, SOCI 3220. Three 6000- level courses. **One additional course at the 1000-2990 or 4000-6990 level. Additional courses from other departments in the social sciences group are to be selected in consultation with the major adviser.**

Spanish Major

The major in Spanish consists of 34 credits (11 courses + writing intensive) to be distributed in the following manner:

3000-level (3 courses, 9 credits):

1. One of the following three courses:

- SPAN 3040 Advanced Grammar and Composition
- SPAN 3290 Business and Legal Spanish
- PSAN 3300 Spanish for the Health Sciences
(Prerequisite: SPAN 2040 or special permission)
SPAN 3040 is a prerequisite for all other 3000 level courses; it may be taken in the same semester as other 3000 level courses.

2. One of the following three courses:

- SPAN 3130 Introduction to Latin American Culture
- SPAN 3240 Introduction to Spanish Culture
- SPAN 3350 Introductory Topics in Hispanic Cultures

3. One of the following two courses:

- SPAN 3270 Readings in Spanish and Latin American Literature
- SPAN 3280 Film and Visual Culture in Spanish

4000-level (five courses, 15 credits):

- 4. SPAN 4060 Pre-20th Century Readings in Spanish
SPAN 4060 is a prerequisite for all other courses at the 4000-level and above. This course may be taken simultaneously with the last 3000-level course or any other 4000-level course.
- 5-8. Choose any four courses

6000-level (three courses + writing intensive, 10 credits):

- 9-10. Any two 6000-level courses
- 11. SPAN 6850 Senior Seminar (writing intensive, 4 credits)

Note(s):

Sequence of courses:

All courses in the major must be taken in sequence, although two immediate sequential classes may be taken simultaneously. Students may not receive credit for courses taken out of sequence.

Pre-20th century requirement:

Two courses, one in numbers 6--8 and one in 9--11, will treat pre--twentieth--century periods. The following courses satisfy the pre--twentieth--century requirement:

4000 level: SPAN 4140, SPAN 4230, SPAN 4280, SPAN 4420, SPAN 4430

6000 level: SPAN 6090, SPAN 6220, SPAN 6230, SPAN 6250, SPAN 6260, SPAN 6270, SPAN 6330, SPAN 6410, SPAN 6430, SPAN 6440, SPAN 6510, SPAN 6720, SPAN 6810

Double majors:

Students with a double major in another department complete 31 credits or ten courses in the major, with a reduction of one 6000 level course in 9--10.

NATIVE AND HERITAGE SPEAKERS

Native speakers of Spanish begin the major with number 4 above. Additionally, they complete any seven courses at the 4000-level, as well as the three requirements at the 6000-level.

Native speakers complete the minor with number 4 above, plus five additional 4000-level courses.

Native speakers may not enroll in courses at the 3000-level.

Heritage speakers of Spanish must meet with the Director of Undergraduate Studies to determine their placement in the program.

Spanish and Portuguese Major

Students pursuing the joint major in Spanish and Portuguese must complete 33 credits (eleven courses) to be distributed as follows:

3000-level (4 courses, 12 credits):

- Any two 3000-level courses in Spanish
- Any two 3000-level courses in Portuguese

4000-level (4 courses, 12 credits):

- SPAN 4060 Pre-20th Century Readings in Spanish
- Any other 4000-level course in Spanish
- Any other 4000-level course in Portuguese

6000-level (3 courses, 9 credits):

- Any 6000-level course in Spanish
- Any 6000-level course in Portuguese
- SPAN 6850 Senior Seminar

All courses in the major must be taken in sequence, although two sequential classes may be taken simultaneously. Students may not receive credit for courses taken out of sequence.

Social Policy and Practice

Program Description

The multidisciplinary coordinate Major in Social Policy & Practice introduces students to problems, policies, and methods in the social policy and welfare field through four core courses and additional elective coursework in the social and behavioral sciences. The major is designed to encourage students to explore social policy interests prior to employment or graduate education. It also serves as an excellent pre-professional major for social work, the social sciences, education, law, public health, public policy, and related fields.

The program in Social Policy & Practice is designed to grant students a considerable degree of freedom in the choice of electives and to offer ample avenues for students interested in pursuing independent research and/or internship experiences. The program is particularly interested in encouraging the study of social problems related to living in an urban environment such as issues related to race, class, poverty, gender, social justice and the intersections among them. Students in the program are encouraged to pursue study abroad opportunities. The option to write an honors thesis is available to students who are in the University's Honors Program.

Social Policy & Practice graduates often find that they have many career options because of their broad academic backgrounds and well-developed writing, critical thinking, and interpersonal skills that are highly valued by employers in a wide variety of settings. Students in the major are well prepared for entering the fields of social work, education, public policy, public health, law, medicine, business, and any other field that values a solid liberal arts education.

All social policy majors are required to have a coordinate major in one of three social science departments: Political Science, Economics, or Sociology.

Required Courses (9 hours):

- SOWK 2000 - Introduction to Social Policy & Practice
- SOWK 4000 - Emerging Programs and Policies
- POLA 3240 - Public Policy

Elective Courses (21 hours):

All SPP students are required to take 7 elective courses (21 hours) to be selected from a list of approved courses (see below). These courses will be policy-oriented courses in sociology, economics, political science, and other SLA disciplines and programs. No elective credit will be accepted for courses outside of Newcomb-Tulane College.

Students can take only three courses below the 4000-level for elective credit. All other elective courses must be at the 4000-level or above.

All the departments have approved their courses for listing as SPP electives. The courses below are offered on a regular basis at Tulane by regular faculty members. Please note that some of these courses have prerequisites. Students should consult the course catalog prior to registering to ensure that they have met any department-specific prerequisites.

Economics:

- ECON 1010 - Introductory Microeconomics
- ECON 3320 - Urban Economics
- ECON 3810 - The Economics of Labor
- ECON 3830 - Economics of Gender
- ECON 4600 - Inequality and Poverty in Latin America

Political Science:

- POLA 3200 - Congress
- POLA 3270 - Courts and Politics
- POLA 4250 - Power and Poverty in America
- POLA 4260 - Race, Sex, and Power
- POLA 4270 - Constitutional Law
- POLC 4030 - Comparative Political Economy of the Welfare State
- POLC 6100 - Politics & Health
- POLC 6120 - Comparative Social Policy
- POLI 4620 - International Environmental Politics

Sociology:

- SOCI 1030 - Sociology of the Family
- SOCI 1050 - Introduction to Education and Society
- SOCI 1060 - Urban Sociology
- SOCI 1090 - Social Problems
- SOCI 2180 - Wealth, Power and Inequality
- SOCI 6200 - Issues in Sociology of the Family
- SOCI 6260 - Gender, Work and Family in Cross-Cultural Perspective
- SOCI 6300 - Urban Policy and Planning
- SOCI 6330 - Sociology of Education
- SOCI 6640 - Sociology of Organizations
- SOCI 6930 - Social Movements in Latin America
- SOCI 6940 - Political Sociology of Latin America

Social Work:

- SOWK 3100 - Comparative Social Policy: United States and France

Graduate Level Social Work Courses:

Priority for enrollment in graduate level social welfare courses is reserved for graduate students, but instructors will often consider undergraduates for enrollment when space is available. The instructor has total discretion in determining the suitability of the undergraduate for enrollment in a graduate course. The list of courses that will consider undergraduate enrollment is available in the Program Director's office.

Teacher Certification Program

Tulane's Teacher Preparation and Certification Program has received state approval for the three programs (Secondary, Early Childhood and Dance) from the State Board of Elementary and Secondary Education and national accreditation from the Teacher Education Accreditation Council.. Please contact the Teacher Certification office for details.

Teacher Certification Secondary Education Level

In addition to the B.A., B.S., or B.F.A. degree from Tulane University, students may earn teacher certification in secondary education (grades 6-12) from the Louisiana State Department of Education, which can then be transferred to other states. Students should consider the “content teaching fields” requirements in choosing a major. Students must fulfill all Tulane degree and major requirements, resulting in a bachelors degree in their content field, and teacher certification course work except for student teaching or internship. After completion of the baccalaureate degree, students finish the student teaching or internship requirements.

1. Secondary Content Focus Area Requirements

A content focus area selected from: English, mathematics, social studies (combination of economics, history, and political science), French, Spanish, Italian, German, cell biology, ecology and evolutionary biology, chemistry and physics. Courses taken to fulfill general education requirements and major may count towards the primary teaching certification area requirements.

Students will be advised by both content area faculty and TPCP staff to ensure certification requirements are met. Students who elect to earn secondary certification in a content area must register with the Office of Teacher Preparation and Certification, usually during the sophomore year or after completion of EDLA 2000/2890. In order to enroll in upper level coursework and progress through the program, students must:

1. maintain a 3.0 GPA in education courses with no grades below a "C"
2. maintain a 2.5 overall GPA
3. pass the Praxis I (PPST) exam (usually the semester after EDLA2000/2890). Students who achieve a score of 22 or above on the ACT or 1030 on the SAT combined math/verbal are excused from taking the PPST.
4. submit an electronic portfolio demonstrating knowledge, skills, and dispositions for teaching
5. complete an interview process

2. Secondary Content Area Teacher Certification Coursework (23 credits)

3. PRAXIS Requirements (Required for licensure in Louisiana and many other states)

- Praxis I (PPST) - Complete during sophomore year and before enrollment in EDUC methods courses. Students who achieve a score of 22 or above on the ACT or 1030 on the SAT combined math/verbal are excused from taking the PPST.
- Praxis II (Content Area) - Complete before Student Teaching semester or internship.
- Praxis II (Principles of Learning and Teaching) - Complete before or during Student

Teaching semester or internship.

Knowledge of the Learner and the Learning Environment (13 credits)

- EDLA 2000 - Education in a Diverse Society
- EDLA 2890 - Service Learning in Public Schools
- EDUC 3400 - Classroom Management, Instructional Design and Assessment
- PSYC 3200 - Educational Psychology
- PSYC 3390 - Adolescent Psychology

Methodology and Teaching (10 credits)

- EDUC 3802 - Methods of Secondary Reading Instruction
- EDUC 3820 - Practicum in Secondary Reading
- EDUC 5010 - Secondary Education Methods I

One of the following:

- EDUC 5090 - Secondary Methods of Teaching II: Social Studies Methods
- EDUC 5100 - Secondary Methods of Teaching II: Science Methods
- EDUC 5110 - Secondary Methods of Teaching II: English Methods
- EDUC 5120 - Secondary Methods of Teaching II: Math Methods
- EDUC 5130 - Secondary Methods of Teaching II: Foreign Language Methods
- EDUC 6930 - Student Teaching Semester in Secondary Schools (6-12) OR
- EDUC 6940 - Internship in Secondary Education (6-12) and
- EDUC 6950 - Internship in Secondary Education (6-12)

Note(s):

EDUC 6930, EDUC 6940, and EDUC 6950 will be completed after graduation.

Coordinate Major Early Childhood Education

1. Early Childhood Education

Students may elect to major in psychology with a coordinate major in early childhood education to earn certification to teach in grades PK-3. Required PSYC courses are: PSYC 1000 or 1010 or 1020, 2090, 3180, 3200, 3210, 3230, 3250, 3260, 3340, 3350, PSYC 3650 or SOC 1030 and one course from the psychobiology group. Students will work with both an adviser in the psychology department and an adviser from Teacher Preparation & Certification to ensure that both major and certification requirements are met.

Students who elect to earn early childhood education (ECE) certification must register with the Office of Teacher Preparation and Certification (419 Newcomb Hall), usually during the sophomore year or after completion of EDLA 2000/2890. In order to enroll in upper level education coursework and progress through the program, students must:

1. maintain a 3.0 GPA in education courses with no grades below a "C"
2. maintain a 2.5 overall GPA
3. pass the Praxis I (PPST) exam (usually the semester after EDLA 2000/2890). Students who achieve a score of 22 or above on the ACT or 1030 on the SAT combined math/verbal are excused from taking the PPST.
4. submit an electronic portfolio demonstrating knowledge, skills, and dispositions for teaching
5. complete an interview process

2. Early Childhood Teacher Certification Coursework (27 credits in addition to ECE Psychology major)

3. PRAXIS Requirements (Required for licensure in Louisiana and many other states)

Praxis I (PPST) – Complete during sophomore year and before enrollment in EDUC methods courses. Students who achieve a score of 22 or above on the ACT or 1030 on the SAT combined math/verbal are excused from taking the PPST. Praxis II (Content Area) - Complete before Student Teaching semester or internship. Praxis II (Principles of Learning and Teaching) - Complete before or during Student Teaching semester or internship.

Psychology Courses

- PSYC 1000 - Introductory Psychology
- PSYC 3090 - Psychological Applications of Univariate Statistics I
- PSYC 3180 - Psychological Testing and Measurement
- PSYC 3200 - Educational Psychology
- PSYC 3210 - Child Psychology
- PSYC 3230 - Nursery School Observation
- PSYC 3250 - The Psychology of Early Childhood
- PSYC 3260 - Infancy
- PSYC 3340 - Developmental Psychopathology
- PSYC 3350 - Nursery School Principles
- PSYC 3650 - Family Psychology and Psychopathology
- SOCI 1030 - Sociology of the Family
- and one course from the psychobiology group

Knowledge of the Learner and the Learning Environment (10 credits)

- EDLA 2000 - Education in a Diverse Society
- EDLA 2890 - Service Learning in Public Schools
- EDUC 3400 - Classroom Management, Instructional Design and Assessment
- PSYC 3210 - Child Psychology (included in psychology major)

Reading/Language Arts (10 credits)

- EDUC 3000 - Emergent Literacy
- EDUC 3801 - Methods of Early Childhood Reading Instruction
- EDLA 3160 - Children's and Adolescent Literature

Teaching Methodology (7 credits)

- EDUC 3500 - Methods I - Early Childhood Education - Language Arts & Social Studies Curriculum Integration K-3
- EDUC 6900 - Student Teaching Semester in Early Childhood (PK-3) OR
- EDUC 6910 - Internship in Early Childhood Education (PK-3) and
- EDUC 6920 - Internship in Early Childhood Education (PK-3)

Note(s):

EDUC 6900, EDUC 6910, and EDUC 6920 will be completed after graduation.

Dance (K-12)

Students major in Dance and earn a degree in the field:

The BA degree in Dance requires 40 credits in the discipline including core courses for all Theatre and Dance majors, courses in Ballet and/or Modern Dance, and courses in Dance History and Dance Composition. The structure of the program addresses both curriculum-based and discipline-based teaching methods with community contact in both areas. The courses in the K-12 Dance Certification Program are aligned with national standards in the field (The National Dance Association and the National Association of Schools of Dance).

Candidates will work with both an advisor in the Department of Theatre and Dance and an advisor in the Teacher Preparation and Certification program to ensure that all requirements for certification are met.

Students complete coursework for (K-12) Certification:

Knowledge of the Learner and the Learning Environment (13 hours)

- EDLA 2000 - Education in a Diverse Society (3)
- EDLA 2890 - Service Learning in Public Schools (1) or EDUC 3250 Focused Clinical Experience I
- PSYC 3210 - Child Psychology (3)
- PSYC 3390 - Adolescent Psychology (3)
- EDUC 3400 - Classroom Management, Instructional Design and Assessment(3)
- Methodology and Teaching (14 hours)
- EDUC 3500 - Methods I - Early Childhood Education - Language Arts & Social Studies (3)
- EDUC 3801 -Methods of Early Childhood Reading Instruction (3)
- EDUC 3820 - Practicum in Secondary Reading (1)
- DANC 3610 - Children's Dance Methods and Practicum (Grades 4-5) (1) / EDUC 3610 Children's Dance Methods & Practicum (Grades 4-5)
- DANC 5140 - Secondary Methods of Teaching II: Dance Methods (3) / EDUC 5140

Secondary Methods of Teaching II: Dance Methods

- PSYC 3200 - Educational Psychology (3)

AFTER completion of baccalaureate degree, students finish a clinical capstone:

- EDUC 6960 - Student Teaching Semester in Dance Education (K-12) (6)
or
- EDUC 6970 - Internship in Dance Education K-12 (3) and EDUC 6980 Internship in Dance Education K-12 (3)

Dance (K-12) candidates will be assigned to an elementary setting (K-6) for half of the clinical capstone and to a secondary setting (7-12) for the other half.

In addition to coursework, students must complete:

***PRAXIS I tests (PPST) OR submit ACT Composite score of 22 or above OR submit SAT Math/Verbal score of 1030 or above.

***PRAXIS II Principles of Teaching & Learning (K-6) (#0522) OR PLT (5-9) (#0523) OR PLT (7-12) (#30524).

**Currently, there is no required PRAXIS II in the content area for dance.

**Overview of the PRAXIS test content and registration information can be found at www.ets.org/praxis.

After completion of coursework, PRAXIS exams, and student teaching, successful candidates can be recommended for certification.

Sequencing of SEC TPCP courses:

Several of the courses required for DANCE (K-12) program completion are only offered once a year (either Fall only or Spring only). Students interested in earning the DANCE K-12 teaching certification should meet with a TPCP advisor as soon as they enroll in EDLA 2000/2890 (if not before) to plan out a program of studies to ensure that prerequisites are met.

In addition, the majority of the TPCP courses have extensive service learning field experience requirements. Students may not enroll for coursework that requires more than 80 hours of field experience without special permission from the program director.

In addition to required courses, the following courses are additional suggested electives:

- PSYC 3010 - Introduction to Personality
- PSYC 3090 - Psychological Applications of Univariate Statistics I (elective for SEC)
- PSYC 3240 - Urban Child Development
- PSYC 3300 - Brain and Behavior
- PSYC 3340 - Developmental Psychopathology (elective for SEC)

- PSYC 3430 - Introduction to Social Psychology
- PSYC 4610 - Black Youth: Developmental Psychology Perspectives
- SOCI 1030 - Sociology of the Family (elective for SEC)

Theatre, B.F.A.

The Bachelor of Fine Arts degree with a major in theatre is designed for students who want professional training in theatre production. For admission to the program, students must apply no earlier than the end of the freshman year and no later than the first semester of their junior year.

Theatre Core Curriculum

An early decision to major in theatre is highly encouraged. Majors should finish the core curriculum as early as possible, as they are prerequisites for all other departmental courses. The core courses for the Bachelor of Arts degree with a major in theatre consists of:

- THEA 2010 - Performance
- THEA 2100 - Fundamentals of Acting
- THEA 3311 - Scene Shop Practicum
- THEA 3312 - Costume Shop Practicum
- THEA 3313 - Running Crew Practicum
- THEA 3340 - Theatre Production and Design I
- THEA 3350 - Theatre Production and Design II
- THEA 4710 - History of Theatre I
- THEA 4720 - History of Theatre II
- THEA 4730 - History of Theatre III

For a total of 24 credits

A general note about Theatre Practicum Credits (THEA 3311-3314): THEA 3311 (Scene Shop) and 3312 (Costume Shop) must be taken with THEA 3340/3350 (in any order), plus one section of THEA 3313 (Running Crew), and one free option from 3311-3314, which included Box Office. THEA 3315, Acting Practicum. Only counts toward the BA in Performance.

Design/Production Emphasis

Entry into the B.F.A. Design/Production Track is by application to the Head of the Design Program. The major consists of the same core curriculum as the B.A. track. In addition, the student takes:

- THEA 6410 - Design Fundamentals I
- THEA 6420 - Design Fundamentals II
- THEA 6530 - Period Styles for Designers I
- THEA 6540 - Period Styles for Designers II
- THEA 6900 - Portfolio Techniques
- THEA 6990 - B.F.A. Thesis Production (Capstone)

Plus six three-credit electives that must be at the 3000-level or above

(B.F.A. Stage Management candidates may substitute either DANC 4710 - Dance History I or DANC 4720 - Dance History II for THEA 6540)

Electives:

- THEA 6220 - Advanced Stage Makeup

- THEA 6230 - Special Effects
- THEA 6310 - Advanced Technical Problems
- THEA 6330 - Fundamentals of Lighting
- THEA 6340 - Computer Lighting Technology
- THEA 6350 - Drafting and Model Making
- THEA 6440 - Rendering for Designers
- THEA 6470 - Design for Television
- THEA 6480 - Design for Puppetry
- THEA 6550 - Stage Management
- THEA 6700 - Sound Technology
- THEA 6750 - Costume Construction
- THEA 6760 - Costume Technology
- THEA 6770 - Costume Crafts I
- THEA 6780 - Advanced Costume Technology
- THEA 6790 - Costume Crafts II
- THEA 6810 - Theatrical Photography
- THEA 6820 - Scene Design CAD
- THEA 6830 - Scene Painting
- THEA 6850 - Design for Dancers
- THEA 6860 - Advanced Costume Construction

For a total of 60 credits

Theatre Major

Theatre Core Curriculum

An early decision to major in theatre is highly encouraged. Majors should finish the core curriculum as early as possible, as they are prerequisites for all other departmental courses. All majors are put into a general category when first declaring a major. Those interested in design/technology should then apply for acceptance into that track. Auditions will be held each year for those interested in the performance track. The core courses for the Bachelor of Arts degree with a major in theatre consists of:

- THEA 2010 - Performance
- THEA 3311 - Scene Shop Practicum
- THEA 3312 - Costume Shop Practicum
- THEA 3313 - Running Crew Practicum
- THEA 3340 - Theatre Production and Design I
- THEA 3350 - Theatre Production and Design II
- THEA 4710 - History of Theatre I
- THEA 4720 - History of Theatre II
- THEA 4730 - History of Theatre III

For a total of 24 credits

A general note about Theatre Practicum Credits (THEA 3311-3314): THEA 3311 (Scene Shop) and 3312 (Costume Shop) must be taken with THEA 3340/3350 (in any order), one section of THEA 3313 (Running Crew), and one free option from 3311-3314, which included Box Office. THEA 3315, Acting Practicum, does not count toward the major or minor.

Performance Emphasis:

Core plus:

- THEA 1090 - Voice and Speech I
- THEA 3010 - Intermediate Acting
- THEA 3030 - Suzuki Method of Acting (1 credit)

For a total of 37 credits

Design/Tech Emphasis:

Core plus 3 courses taken from:

- THEA 6220 - Advanced Makeup
- THEA 6230 - Special Effects
- THEA 6310 - Advanced Technical Problems
- THEA 6330 - Fundamentals of Lighting
- THEA 6340 - Computer Technology for Lighting
- THEA 6350 - Theatrical Drafting and Model Making Techniques
- THEA 6440 - Rendering for Designers

- THEA 6460 - Advanced Costume Rendering
 - THEA 6470 - Design for Television
 - THEA 6480 - Design for Puppetry
 - THEA 6550 - Stage Management
 - THEA 6700 - Sound Technology
 - THEA 6750 - Costume Construction
 - THEA 6760 - Costume Technology
 - THEA 6770 - Costume Crafts I
 - THEA 6780 - Topics in Advanced Costume Technology
 - THEA 6790 - Costume Crafts II
 - THEA 6810 - Theatrical Photography
 - THEA 6820 - Scene Design CAD
 - THEA 6830 - Scene Painting
 - THEA 6850 - Design for Dancers
 - THEA 6860 - Advanced Costume Construction
 - Plus THEA 6900 - Portfolio Techniques
- For a total of 36 credits

General Emphasis:

Core plus 2 additional theatre courses at any level, 2 additional theatre or outside courses at 3000-level or above, and approved Capstone course for a total of 36 credits. See department for possible courses outside the department.

Possible Courses Outside Department

- CLAS 3060 Greek Tragedy and Comedy
- ENLS 3130 Intro to Drama
- ENLS 3230 Shakespeare
- ENLS 3640 Screenwriting
- ENLS 4150 Early Modern Drama
- ENLS 4260 Shakespeare I
- ENLS 4270 Shakespeare II
- ENLS 4840 Performance Studies
- FREN 4420 17th Century Drama
- FREN 4470 20th Century Drama
- GERM 4430 German Drama
- GREK 4040 Greek Comedy
- LATN 4010 Roman Comedy
- MDAR 3400 Intermediate Screenwriting
- MUSC 3320 Musical Theatre in America
- SPAN 6430 Drama of the Golden Age

Graduate Studies:

Students aiming toward graduate study in this discipline should take additional courses according to a planned sequence. Courses both in theatre and in such disciplines as English,

history, music, art, and dramatic literature courses in classics, French, Italian, German, Russian, and English are expressly recommended for this purpose.

Minors

- African and African Diaspora Studies Minor
- Architectural Studies Minor
- Altman Program in International Studies and Business
- Art History Minor
- Studio Art Minor
- Biological Chemistry Minor
- Biomedical Engineering Minor
- Biomedical Engineering Minor for Non-Engineering Major
- Cell and Molecular Biology Minor
- Chemistry Minor
- Classical Studies Minor
- Dance Minor
- Economics Minor
- English Minor
- Environmental Earth Science Minor
- Engineering Science Minor
- Environmental Earth Science Minor
- Film Studies Minor
- French Minor
- Geology Minor
- German Studies Minor
- Gender and Sexuality Studies
- Greek Minor
- History Minor
- International Development Minor
- Italian Minor
- Jewish Studies Minor
- Latin American Studies Minor
- Latin Minor
- Mathematics Minor
- Marine Biology Minor for Biology Majors
- Marine Biology Minor for Non-Majors
- Medieval and Early Modern Studies Minor
- Music Minor
- Philosophy Minor
- Public Health Minor
- Physics Minor
- Political Science Minor
- Portuguese Minor
- Summer Minor Program in U.S. Public Policy
- Psychology Minor
- Russian Minor
- Social Innovation & Social Entrepreneurship Minor
- School of Liberal Arts Management Minor (SLAMM)
- Sociology Minor

- Spanish Minor
- Theatre Minor
- Urban Studies Minor

African and African Diaspora Studies Minor

Six courses (minimum of 18 credits) are required for the minor which includes:

I. Introductory Course

Take the following, which is offered every semester:

- AFRS 2000 - Introduction to Africana Studies

II. Five Elective Courses

Geographic Distribution: Students must fulfill a distribution component of at least one courses (three credits) in African Studies and one course (three credits) in African Diaspora Studies.

Upper Level Courses: Students must take at least three courses (twelve credits) at the 3000 level or higher.

Limits: A maximum of four credits in Dance courses may count toward the minor.

Language Courses: Language classes in Arabic, Haitian Creole, Swahili, Twi, Xhosa, Yoruba and Zulu may all be counted for elective credit in the Africana Studies Minor.

Additional Information

Students must ensure that at least three of the electives (nine credits) are at the 3000-level or above. Furthermore, students must choose elective courses from both the humanities as well as the social and behavioral sciences and must fulfill a distribution component of at least one course (three credits) in African Studies and one course (three credits) in African Diaspora Studies.

Electives

The following courses do not meet the requirements for African or African Diaspora distribution credits, yet may be taken as electives by majors and minors. Students may also petition to count any African and African Diaspora studies related course currently being offered at Tulane or taken at other universities as part of their own curriculum. Such petitions will be considered by the program director in consultation with the program Executive Committee.

Other Electives

- ADST 3100 - Issues in Afro-Atlantic Studies
- ADST 3750 - From Community to Stage
- ADST 3890 - Service Learning
- ADST 4560 - Internship Studies
- ADST 4570 - Internship Studies

- ADST 4810 - Special Topics in African and African Diaspora Studies
- ADST 4820 - Special Topics in African and African Diaspora Studies
- ADST 4830 - Service Learning Capstone for ADST with 5110 add-on
- ADST 4910 - Independent Studies
- ADST 4920 - Independent Studies
- ADST 5110 - Capstone
- ARHS 3860 - Arts of the African Diaspora
- ARHS 3870 - 20th-Century African-American Art
- COMM 3200 - Media Literacy/Media Education I
- COMM 3550 - Third World Cinema
- COMM 4200 - Media Literacy/Media Education II
- COMM 4300 - Cultural Politics and Cinema
- ENLS 4820 - Colonial and Post-Colonial Discourse
- FREN 3040 - African and Caribbean Literature
- FREN 3050 - Literature in Exile
- FREN 4800 - Survey of Francophone Literature
- FREN 4840 - Philosophy, Francophone Literature, and Politics: Imagination and Institutions
- FREN 6860 - Francophone Art, Literature, and Politics
- HACR 1110 - Haitian Creole I
- HACR 1120 - Intermediate Haitian Creole
- HACR 1130 - Haitian Language and Culture I
- HACR 2810 - Special Projects
- HACR 2820 - Special Projects
- HISB 4250 - The Atlantic Slave Trade
- PORT 4510 - Luso-Brazilian Cities
- SOCI 6120 - Race and Ethnic Relations in America
- SOCI 6340 - Race in the Americas

Architectural Studies Minor

The purpose of the minor in Architectural Studies is to encourage and give official recognition to students who study architecture beyond the introductory level but who do not wish to pursue a major or a professional degree in the field. The requirements are designed to allow students as much flexibility as possible in pursuing their individual interests while also providing a basic overview of the discipline. Students wishing to minor in architectural studies should meet with the Associate Dean of the School of Architecture to establish a curriculum conforming to the following requirements. (The alphanumeric code in parenthesis following each course title is the course identification code.) A minor in architectural studies requires at least four courses and a minimum of 15 hours of course work within the School of Architecture. The only specifically required course is History of Architecture I. In addition to this introductory History course, the minor requires a minimum of two courses from the design, history/theory, and/or technology curricula. Some of these courses have prerequisites, and in order to enroll in them minors must satisfy the prerequisites or have permission of the instructor. Students may satisfy the remainder of the credit requirement for a minor with any courses offered within the School of Architecture.

The following chart summarizes the two ways to fulfill the requirement for the minor in architectural studies.

Alternative A

- History of Architecture I
- Elective*
- Elective*
- Elective
- Elective (if necessary to complete 15 credits)

Alternative B

- History of Architecture I
- Architecture Studio (DSGN 1100)
- Elective*
- Elective

Notes

*These electives must be from the design, history/theory, and/or /technology curricula. In Alternative A, the remaining electives, if necessary, may be courses with any designation within the School of Architecture. Students should see the Associate Dean for permission to register in Architecture courses.

Altman Program in International Studies and Business

Program Description

The Altman Program in International Studies & Business is a special four-year undergraduate program that integrates liberal arts and business disciplines, extensive language instruction, and two study abroad experiences in the developed and developing worlds. Altman Scholars earn two degrees - a Bachelor of Arts from the School of Liberal Arts and a Bachelor of Science in Management from the A. B. Freeman School of Business. Altman Scholars specialize in a region of the world in which their chosen foreign language is spoken, and will be able to combine practical and theoretical knowledge of global economies with deep cultural and linguistic competency. The program admits a cohort of 15 students who are selected before their matriculation at Tulane as freshmen.

Curriculum

The Altman Program combines the curricula of two undergraduate degree programs: the School of Liberal Arts and the A. B. Freeman School of Business. Students may major in finance, management, marketing, or legal studies at the Freeman School and may major in approved social science, area studies or language disciplines within the School of Liberal Arts. The link between the two majors in the schools is the interdisciplinary "Altman Core", the curricular focus of the Altman Program, which includes a common experience every semester, a summer group immersive experience abroad, a junior year abroad experience, and integrative seminars in the senior year.

Specific courses open only to students in this program include a TIDES seminar; ISIB 1010, Introduction to Globalization; ISIB 2010, Inter-cultural Communication and Business; ISIB 6010, Approaches to Global Dilemmas; and ISIB 6020, Altman Capstone.

Art History Minor

A minor in art history consists of at least 21 credits of art history.

Required Courses

- ARHS 1010 - Art Survey I: Prehistory through the Middle Ages
- ARHS 1020 - Art Survey II: Renaissance to the Present

Studio Art Minor

A minor in studio art consists of eight courses:

- ARST 1050 - Beginning Drawing
- One two-dimensional course (painting, drawing, photography, printmaking), one three-dimensional course (sculpture, ceramics, glass), and two additional courses: one course at the 2000-level and one course at the 3000-level. Also required are two art history courses, 1010 and 1020 recommended. The minor requires a total of 21 credit hours. No more than half of required studio and art history courses can be transferred into the minor program.

Biological Chemistry Minor

A minor in Biological Chemistry consists of CELL 2050, either CELL 3010 or 3110, and CHEM 3830, 3840, 3850.

Cell and Molecular Biology Courses

- CELL 2050 - Genetics

Chemistry Courses

- CHEM 3830 - Introduction to Biochemistry
- CHEM 3840 - Intermediate Biochemistry
- CHEM 3835 - Introduction to Biochemistry Laboratory

Electives, select one of the following:

- CELL 3750 - Cell Biology
- CELL 3030 - Molecular Biology

Biomedical Engineering Minor

Students in chemical and biomolecular engineering may earn a Minor in biomedical engineering through completion of the following courses:

- CELL 1010 - General Biology
- CELL 2115 - General Biology Laboratory
- BMEN 2600 - Introduction to Organic and Bio-Chemistries
- BMEN 3035 - Anatomy and Physiology Lab for Engineers
- BMEN 3070 - Quantitative Physiology
- BMEN 3075 - Quantitative Physiology Lab

And 1 course selected from:

- BMEN 3300 - Biomechanics
- BMEN 3780 - Projects in Embedded Control

Biomedical Engineering Minor for Non-Engineering Major

I. Prerequisite Courses

- MATH 1210 - Calculus I
- MATH 1220 - Calculus II
- MATH 2210 - Calculus III
- MATH 2240 - Introduction to Applied Mathematics
- CELL 1010 - General Biology (or approved substitute)
- PHYS 1310 - General Physics I & Lab
- PHYS 1320 - General Physics II & Lab

II. Engineering Courses:

Required of all Biomedical Engineering minors:

- ENGP 1410 - Statics
- ENGP 2310 - Product and Experimental Design
- BMEN 3xxx - "Domain" class

III. Any three courses chosen from the following list:

- ENGP 2010 - Electric Circuits
- ENGP 2430 - Mechanics of Materials
- ENGP 3120 - Materials Science and Engineering
- BMEN 2730 - Biomedical Electronics with Lab
- BMEN 3440 - Biofluid Mechanics

Cell and Molecular Biology Minor

Students wishing to minor in cell and molecular biology must complete

- CELL 1010 - General Biology
- CELL 2050 - Genetics
- CELL 3030 - Molecular Biology
- CELL 3750 - Cell Biology

Additional Coursework

Two additional electives in biology; and 16 credits in chemistry (one year of both general and organic chemistry and their respective laboratories). Because of the interdisciplinary nature of the biological chemistry major, students in that program may not minor in cell and molecular biology.

Neuroscience majors wishing to minor in cell and molecular biology must complete

- CELL 3030 - Molecular Biology
- CELL 3750 - Cell Biology
- CELL 4010 Cellular Biochemistry

And two of the following CELL 3050, CELL 3210 CELL 3400 CELL 4110/CELL 4111 CELL 4130, CELL 4160, CELL 4200* CELL 4220, CELL 4440, CELL 4710, CELL 4780

*CELL 4200 may not be used for the CELL minor elective if NSCI 4200 is used as a major elective.

Additional Coursework

16 credits in chemistry (one year of both general and organic chemistry and their respective laboratories).

Chemistry Minor

Required Courses:

- CHEM 1070 - General Chemistry I and
- CHEM 1075 - General Chemistry Laboratory I
- CHEM 1080 - General Chemistry II and
- CHEM 1085 - General Chemistry Laboratory II

Elective Courses:

Four additional courses in chemistry chosen in consultation with the chemistry department.

Additional Information:

Prior approval of the choice of these courses and co-registration in appropriate laboratory courses is required. Only one semester of research may be counted towards the minor. For students whose major requires Chemistry 1070 and 1170 and Chemistry 1080 and 1180 at least one of the additional four courses must be one not required by that major. Because of the interdisciplinary nature of the biological chemistry major, students in this program may not minor in chemistry or biology.

Classical Studies Minor

A minor in Classical Studies must include at least 15 credits in Greek, Latin, and/or Classics courses. 9 credits must be at (or above) the 3000-level; at least 3 credits of those must be at the 4000-level.

Dance Minor

Tulane students participate in many dance activities while working toward degrees in other fields and may also minor in dance.

A minor in dance consists of a minimum of 22 credits as follows:

- DANC 2010 - Performance I (3)
- DANC 2520 - Dance Composition II (3)

- DANC 4710 - Dance History: Primitive through 19th Century (3)
or
- DANC 4720 - Dance History: 20th-Century United States (3)

- DANC 3990 - Dance Performance Practicum - Two Semesters (2)
or
- DANC 4580 - Dance Company - Two Semesters (2)

Dance Courses (8) :

- DANC 3800 - Modern Dance III
- DANC 3820 - Ballet III
- DANC 3830 - Intensive Modern Dance III
- DANC 3840 - Intensive Ballet III
- DANC 4800 - Modern Dance IV
- DANC 4820 - Ballet IV
- DANC 4830 - Intensive Modern Dance IV
- DANC 4840 - Intensive Ballet IV
- Dance Elective (3) *

*Elective must be a 3-credit course at the 3000- or 4000-level excluding technique classes

In addition to these courses, the minor has the following requirements: Minors must be enrolled in a technique class and must reach the 3000-level in either ballet or modern dance technique at least two semesters before graduation. Minors must continue to be enrolled for credit in ballet or modern technique through graduation. Note: a minimum of two semesters of ballet and a minimum of two semesters of modern dance are required. Minors must dance in two Newcomb Dance Program concerts before graduation.

**For students minoring in dance, the maximum number of dance technique credit hours that can be counted towards the 120 credit hours needed for graduation is 16 credits.

Economics Minor

A minor in economics consists of a minimum of five economics classes as follows:

Students who complete ECON 1010 and ECON 1020 to fulfill a requirement in their major must take five additional economics courses to be eligible for a minor in economics, for a total of seven courses - i.e., 1010 and 1020, plus any five economics courses of their choice.

Those students whose major does not specifically require ECON 1010 and ECON 1020 must take a total of five courses: ECON 1010 and 1020, plus any three courses offered in the department except ECON 3010, ECON 3020, and ECON 3230. The completion of ECON 3010 is strongly recommended even though it does not count toward the minor for these students.

English Minor

Five courses are required for the English minor, including

- ENLS 2000 - Literary Investigations

Additional Information

The English minor requires students to take at least one course in literature before 1800. In addition to ENLS 2000, one other literature course may be taken at the 3000-level or below; the remaining three courses, however, must be advanced courses: literature courses at the 4000-level and above, and writing courses at the 2000-level and above.

Environmental Earth Science Minor

The Department Earth & Environmental Sciences (EENS) offers this environmental science minor, which provides students with broad exposure to environmental problems, as well as training in essential problem-solving skills, such as Geographic Information Systems (GIS) and Environmental Informatics (EI). The minor is not unlike the GEOL minor, but emphasizes environmental courses in the department. Students minoring in environmental earth science may elect to broaden their background in environmental issues by completing a major in environmental studies in the School of Liberal Arts. Course requirements for the environmental earth science minor are given below:

Course requirements for the environmental science minoare given below:

I. Foundational Courses

- EENS 1300 - Earth as a Living Planet with EENS 1305 Earth as a Living Planet Laboratory

II. Two Courses from the following list:

- EENS 2070 - Weather and Climate
- EENS 2080 - Severe Weather
- EENS 2090 - Surface Water Hydrology
- EENS 2230 - Oceanography

IV. Elective (three courses)

Any three environmental electives at or above the 3000-level. Environmental electives include the following courses: EENS 2080 Severe Weather; EENS 2230 Oceanography; EENS 3050 Natural Disasters; EENS 3600 The Science of Climate Change; EENS 3720 Infrastructure of Sustainable Urban Environments; EENS 3980 Environmental Field Study; EENS 4030 Environmental Spatial Analysis; EENS 4180 Intro to Remote Sensing; EENS 4250 Isotopes in the Environment; EENS 4360 Environmental Geochemistry; EENS 4800 Air Pollution Fundamentals and Modelling; EENS 4820 Soil and Water Pollution; EENS 4960 Environmental Sampling, Analysis, and Practice. Students are strongly encouraged to include Remote Sensing and Environmental Geochemistry in their electives.

Engineering Science Minor

Students **not** majoring in biomedical, chemical engineering or engineering physics may earn a minor in Engineering Science by completing the following courses:

I. Prerequisite Math and Science Courses:

- MATH 1210 - Calculus I (4)
- MATH 1220 - Calculus II (4)
- MATH 2210 - Calculus III (4)

- MATH 2240 - Introduction to Applied Mathematics (4)
or
- MATH 4240 - Ordinary Differential Equations (4)

- PHYS 1310 - General Physics I (4)
- PHYS 1320 - General Physics II (4)

Total: 24

Not all of the above math courses are required prior to taking 1000-2000 level engineering courses. See course catalog for details.

Note:

The following courses may be required for some engineering course options:

- CHEM 1070 - General Chemistry I /
- CHEM 1075 - General Chemistry Laboratory I (4)
- CHEM 1080 - General Chemistry II /
- CHEM 1085 - General Chemistry Laboratory II (4)

II. Engineering Courses Required:

a) Two courses chosen from the following list:

- ENGP 1410 - Statics (3)
- ENGP 2010 - Electric Circuits (3)
- CENG 2110 - Material and Energy Balances (3) - Additional Prerequisite: CHEM 1070, 1080
- CENG 2120 - Thermodynamics I (3)
- ENGP 2430 - Mechanics of Materials (3) - Prerequisite: ENGP 1410
- CENG 2500 - Introduction to Biotechnology and Biomolecular Engineering (3) - Prerequisite: CENG 2110
- ENGP 3120 - Materials Science and Engineering (3) - Additional Prerequisite: CHEM 1070, 1080

Total:6

b) One course chosen from the following list:

- BMEN 2310 - Product and Experimental Design / ENGP 2310 Product and Experimental Design (3)
- BMEN 2020 - Computational Concepts and Applications / ENGP 2020 Computational Concepts and Applications (4)

Total: 3-4

c) Two 3000-4000 level electives in either biomedical, chemical engineering or engineering physics:

III. Engineering Science Minor with an SSE Major:

Twenty-four credits in the major may not overlap with the minor.

Student must earn a GPA of at least 2.000 in courses counting toward the minor. No courses counting toward a student's first minor will count toward the student's second minor.

Environmental Earth Science Minor

The Department Earth & Environmental Sciences (EENS) offers this environmental science minor, which provides students with broad exposure to environmental problems, as well as training in essential problem-solving skills, such as Geographic Information Systems (GIS) and Environmental Informatics (EI). The minor is not unlike the GEOL minor, but emphasizes environmental courses in the department. Students minoring in environmental earth science may elect to broaden their background in environmental issues by completing a major in environmental studies in the School of Liberal Arts. Course requirements for the environmental earth science minor are given below:

Course requirements for the environmental science minor are given below:

I. Foundational Course

- EENS 1300 - Earth as a Living Planet with EENS 1305 Earth as a Living Planet Laboratory

II. Two Courses from the following list:

- EENS 2070 - Weather and Climate
- EENS 2080 - Severe Weather
- EENS 2090 - Surface Water Hydrology
- EENS 2230 - Oceanography

III. Electives (three courses)

Any three environmental electives at or above the 3000-level. Environmental electives include the following courses: EENS 2080 Severe Weather; EENS 2230 Oceanography; EENS 3050 Natural Disasters; EENS 3600 The Science of Climate Change; EENS 3720 Infrastructure of Sustainable Urban Environments; EENS 3980 Environmental Field Study; EENS 4030 Environmental Spatial Analysis; EENS 4180 Intro to Remote Sensing; EENS 4250 Isotopes in the Environment; EENS 4360 Environmental Geochemistry; EENS 4800 Air Pollution Fundamentals and Modelling; EENS 4820 Soil and Water Pollution; EENS 4960 Environmental Sampling, Analysis, and Practice. Students are strongly encouraged to include Remote Sensing and Environmental Geochemistry in their electives.

Film Studies Minor

A minor in film studies requires the successful completion of six film studies courses, four of which would be at the 3000-level or above. All students working toward the minor are required to take Communication 3150 (Film Analysis) and Communication 4860 (Film Theory). The four additional film studies electives may be selected from the list below. In the case of topics courses (which are indicated with an asterisk), only film topics will be considered and approval of the Film Studies Director is required. Additional film courses not listed below may be included with approval of the Director.

Required Courses

- COMM 3150 - Film Analysis
- COMM 4860 - Film Theory

Elective Courses

- COMM 1150 - Introduction to Cinema
- COMM 2400 - Topics in International Film Movements and National Cinemas
- COMM 2500 - Film and Society
- COMM 3150 - Film Analysis
- COMM 3270 - Authors and Genres
- COMM 3550 - Third World Cinema
- COMM 3600 - Documentary Cinema
- COMM 3800 - Cinema Reception and Cultural Memory
- COMM 4160 - Contemporary Chinese Cinema
- COMM 4170 - U.S. Film History COMM 4180 - African Cinema
- COMM 4190 - Introduction of Latin American Film
- COMM 4230 - Cinema, History, Archive (capstone option)
- COMM 4300 - Cultural Politics and Cinema (capstone option)
- COMM 4350 - Gender and the Cinema
- COMM 4610 - National Cinemas in Latin America
- COMM 4810 - Special Topics in Communication * (capstone option when designated)
- COMM 4820 - Special Topics in Communication * (capstone option when designated)
- COMM 4850 - Cinema, Technology, Modernity (capstone option)
- COMM 4860 - Film Theory
- COMM 5000 - Honors Thesis
- COMM 6210 - Seminar in Communication Studies *
- COMM 6220 - Seminar in Communication Studies *
- ENLS 3640 - Screenwriting
- ENLS 4100 - Literature and Film
- FMST 5110 - Capstone (in conjunction with capstone course)
- FREN 3110 - French Cinema
- FREN 4820 - Special Topics *
- GERM 3710 - Deviants, Nazis, and Radicals. An Introduction to German Film

- ITAL 3300 - Topics in Italian Literature and Cinema *
- ITAL 3330 - Italian Literature in Translation *
- ITAL 4040 - Topics in 19th- and 20th-Century Italian Literature *
- ITAL 4440 - Topics in Italian Literature and Cinema in Translation * (capstone option)
- SOCI 2450 - Society through Cinema
- SPAN 4170 - Spanish Film
- SPAN 4190 - Introduction to Latin American Film
- SPAN 4210 - Topics in Latin American Cinema
- SPAN 6910 - Special Topics *
- THEA 2070 - Video Production I
- THEA 2080 - Video Production II

Note(s):

For descriptions of course content see appropriate department listings. For courses followed by an asterisk, film topics only are included.

French Minor

six courses, 18 credits

Three required courses:

- FREN 3150 - Advanced Grammar and Composition
- FREN 3210 - Introduction to Literary Analysis
- FREN 4010 - The French Short Story (Writing Intensive)

Two of:

- FREN 3140 - French Phonetics
- FREN 3170 - French Media and Oral Performance
- FREN 3250 - French Society and Institution

One courses at the 4000/6000-level or a literature in translation or cinema at the 3000-level.

Geology Minor

A minor in geology consists of five courses and accompanying laboratories as follows:

- EENS 1110 - Physical Geology
- EENS 1115 - Physical Geology Laboratory
- EENS 2110 - Mineralogy
- one additional 2000 level course
- two courses at or above the 3000 level

German Studies Minor

The minor in German Studies consists of five courses above GERM 2030.

Two of these five courses are required:

- GERM 3050 - Intermediate Grammar and Composition
- One 4000-level course

Additional Information:

- The remaining three courses may be selected from advanced language, literature, or culture courses in consultation with the designated departmental advisor.
- One course taught in the department in English at the 3000-level is allowed (providing there is a significant reading and writing requirement in German).

Gender and Sexuality Studies

A minor in Gender and Sexuality Studies consists of a minimum of 18 credits. Two courses are required:

Required Courses

- GESS 2900 - Introduction to Gender and Sexuality Studies
- GESS 3500 - Identity, Difference, and Social Inequality

Electives

The remaining courses must be selected from among those approved by the Gender and Sexuality Studies Program with not all courses selected from the same discipline. Courses applied to the student's major field of study may not be applied toward the Gender and Sexuality Studies minor.

Greek Minor

A minor in Greek consist of 15 credits in GREK, LATN and/or CLAS courses, at least 9 credits in Greek at or above the 3000-level, and at least 3 credits of those must be at the 4000-level.

History Minor

The History Minor consists of six courses distributed as follows:

- No more than one course at the 1000-level.
- At least one 3000-level seminar.
- At least one Advanced Seminar numbered 6000-6999.

International Development Minor

Minor Requirements (18 credits hours)

- 12 credits from core International Development curriculum
- IDEV 1010 - Introduction to Development
- ECON 1020 - Introductory Macroeconomics
- IDEV 3200 - Approaches to Sustainable Development
- IDEV 4100 - Information Technology and International Development
- 6 credits of acceptable Electives

Italian Minor

A minor in Italian consists of six courses above 2030, Including

- ITAL 3000 - Introduction to Italian Literature
- ITAL 3130 - Advanced Conversation and Composition
- ITAL 3250 - Italian Language and Culture

Jewish Studies Minor

Jewish Studies Minor Requirements:

A minor in Jewish Studies consists of 15 credit hours in 5 courses.

Requirements include:

- Only one 1000-level course may count toward the minor (either JWST 1010 or JWST 1250). Students are not required to take a 1000-level course for the minor.
- Up to two HBRW courses past the 2030-level may count toward the minor. No courses used to satisfy the University's language requirement may be used as credits toward the minor. Hebrew courses are not required to complete the minor.
- One course must be above the 3000-level.
- All 3000- or 4000-level coursework for the minor must be taken in residency at Tulane; courses taken abroad do not count toward this requirement.

A minor in Jewish studies consists of 15 credits in Jewish studies courses and must include:

- JWST 1010 - Introduction to Jewish Civilization
- as well as one course in each of the ancient, medieval, and modern periods.

Additional Information:

The minor does not require courses in Hebrew Language. Courses taken to fulfill Tulane's foreign language proficiency requirement cannot be counted toward the minor.

Latin American Studies Minor

A minor in Latin American Studies consists of 15 credit hours in 5 courses.

Required courses include one of the two introductory courses on Latin America:

- LAST 1010 - Introduction to Latin American Studies
- or
- LAST 1020 - Introduction to Latin American Studies II
- and four electives

Additional Information

Three of which must be at the 200 level or higher, and one of which must be at the 600 level. All 600-level coursework for the minor must be taken in residency at Tulane; courses taken abroad do not count toward this requirement. Three electives must concentrate on one of the themes listed above.

There is no language requirement for Latin American Studies minors.

Latin Minor

A minor in Latin consists of a minimum of 15 credits. 9 credits in Latin must be at or above the 3000-level and least 3 credits of those must be at the 4000-level.

Mathematics Minor

A minor in mathematics consists of:

- MATH 1210 - Calculus I
- MATH 1220 - Calculus II
- or
- MATH 1310 - Consolidated Calculus

- MATH 2210 - Calculus III
- MATH 3090 - Linear Algebra

And two additional courses at the 2000-level or above:

- MATH 2170 - Discrete Mathematics and MATH 2240 - Introduction to Applied Mathematics cannot both count toward the minor.

Marine Biology Minor for Biology Majors

Students majoring in ecology and evolutionary biology or environmental biology who minor in marine biology will complete a minimum of 16 credits beyond the departmental major, including EBIO 2100 for three credits, EBIO 2230 for three credits, EBIO 4250 for four credits, and two summer courses for no less than three credits each at an approved marine field station. Neither EBIO 2100, EBIO 2230, nor EBIO 4250 may be counted toward both the major and the minor.

Marine Biology Minor for Non-Majors

Students majoring in departments other than ecology and evolutionary biology who minor in marine biology complete CELL 1010 and EBIO 1010/1110 for a total of seven credits, EBIO 3040 for three credits, EBIO 2100 for three credits, and either EBIO 2230 for three credits or EBIO 4250 for four credits, and one lecture or lab/field elective course. In addition, students complete one summer course for no less than three credits at an approved marine field station.

Medieval and Early Modern Studies Minor

The minor consists of 18 credits (6 courses) to be distributed in the following manner:

- Two courses each from two of three categories: medieval, early modern, and crossover.
- Any two additional courses listed in the program. The student may take up to three courses in a single department. Three of the six courses must be taken at the 3000 level and above.

Medieval and Early Modern Studies Categories

Medieval

- ARHS 1010 - Art Survey I: Prehistory through the Middle Ages
- ARHS 3200 - Early Christian and Byzantine Art
- ARHS 3210 - Art and Experience in the Middle Ages
- ASTA 3510 - Pre-modern Japanese Culture
- ENLS 4120 - Medieval Literature
- ENLS 4450 - Chaucer
- FREN 4220 - Medieval French Literature
- HISA 1020 - The Barbarian West
- HISA 1030 - Medieval Europe, 1100-1450
- HISA 2030 - Early Medieval and Byzantine Civilization from Constantine to the Crusades
- HISA 4140 - The Crusades, 1095-1291
- HISA 4150 - The Age of the Vikings
- HISA 2310 - Medieval England
- HISA 2350 - Medieval Italy
- HISA 3910 - Special Topics in Medieval and Ancient History
- HISA 3170 - Medieval Spain
- HISA 6090 - Seminar in Select Topics in Byzantine History
- HISA 6230 - Medieval Cities
- HISA 6270 - Women and Gender in the Middle Ages
- HISA 4910 - Special Topics in Medieval and Ancient History
- ITAL 4010 - Topics in Origins and Masterpieces of 13th- and 14th-Century Italian Literature
- JWST 3500 - The Golden Age of Spanish Jewry I: Moslem Spain
- JWST 3520 - The Golden Age of Spanish Jewry II: Christian Spain
- JWST 3530 - Jewish Life and Thought in the High Middle Ages
- JWST 4110 - Rabbinic Judaism
- JWST 4350 - Rashi, Halevi, Maimonides: Rabbinical Luminaries of the Middle Ages
- SPAN 4420 - Introduction to Multicultural Medieval Iberia
- SPAN 6810 - Reading Medieval Iberia

Crossover

- ARHS 3310 - Art of the Early Renaissance in Italy

- ENLS 2010 - Introduction to British Literature I
- ENLS 4490 - Earlier Major Authors
- ENLS 5010 - Capstone Seminars
- FREN 4210 - History of the French Language
- FREN 6210 - History of the French Language
- GERM 3550 - German Literature in Translation *
- GERM 3660 - Love, Death and Sexuality from the Middle Ages to the Baroque
- HISA 3070 - Topics in Medieval and Renaissance History
- HISE 1210 - Europe and a Wider World: From the Renaissance to 1789
- HISE 2240 - Russian History from the 9th to the Mid-19th Centuries
- HISE 2410 - Spain, 1369-1716
- HISM 2200 - History of Islam to 1400
- MUSC 1410 - History of European Art Music to 1750
- RUSS 3530 - Survey of Russian Art
- SPAN 4040 - Early Readings in Spanish, 1000-1700
- SPAN 6510 - History of the Spanish Language

Early Modern

- ARHS 3230 - Visual Culture in Golden Age Spain
- ARHS 3320 - 16th-Century Italian Art
- ARHS 3420 - Baroque Art
- ARHS 3430 - Rubens to Rembrandt
- ARHS 3440 - Italian Baroque Art
- ARHS 3330 - Italian Renaissance Architecture
- ENLS 3230 - Shakespeare: Selected Plays
- ENLS 4130 - Renaissance Literature
- ENLS 4140 - 17th-Century Literature
- ENLS 4150 - Early Modern Drama
- ENLS 4190 - Restoration and 18th-Century Literature
- ENLS 4450 - Chaucer
- ENLS 4460 - Shakespeare I
- ENLS 4470 - Shakespeare II
- ENLS 4480 - Milton
- FREN 4320 - Renaissance Literature
- FREN 4410 - 17th-Century French Literature
- FREN 4420 - 17th-Century Drama
- HISA 6050 - The Italian Renaissance
- HISE 4140 - Household, Gender, and Sexuality in Early Modern Europe
- HISE 2320 - Early Modern England
- HISE 2420 - The Age of Reformation
- HISE 6050 - The Italian Renaissance
- HISE 6100 - Renaissance and Reformation, 1450-1660
- HISE 6330 - Imperial Spain, 1469-1716
- HISE 3300 - Death, Disease, Destitution and Despair in Early Modern Europe
- HISE 6360 - English Civil War
- HISE 6370 - Seminar in Early Modern England
- ITAL 4020 - Topics in Renaissance Literature

- ITAL 4030 - Topics in 17th- and 18th-Century Italian Literature
- JWST 3540 - Jewish Life and Thought from the Renaissance to the Age of Reason
- MUSC 4950 - Special Topics in Musicology *
- PHIL 2020 - History of Modern Philosophy
- PHIL 2120 - Classics of Ancient Political Philosophy II
- SPAN 4230 - Visual Culture in Golden Age Spain
- SPAN 4430 - Literature of the Golden Age
- SPAN 6330 - Spanish Prose of the Golden Age
- SPAN 6410 - Don Quijote
- SPAN 6430 - Drama of the Golden Age
- SPAN 6440 - Poetry of the Golden Age

Note(s):

* Only when medieval and early modern studies topic. Director approval required.

Music Minor

MINOR IN MUSIC (at least 18 credits, as follows)

Musicology (6 credits)

- MUSC 1410 - History of European Art Music to 1750 (3)
- MUSC 1420 - History of European Art Music Since 1750 (3)

Theory (6 credits)

- MUSC 1510 - Harmony (3)
- MUSC 1520 - Advanced Harmony (3)

Performance (2 credits)

- APMS 1090 - Musicianship Laboratory I (1)
- APMS 1100 - Musicianship Laboratory II (1)

Additional Electives (4 credits)

- 4 credits in Music or Applied Music at or above the 2000-level.

MINOR IN MUSIC, SCIENCE, AND TECHNOLOGY (21 credits total)

Math (7 credits)

- MATH 1220 - Calculus II or MATH 1310 Consolidated Calculus (4*)
- MATH 2170 - Discrete Mathematics (3)

Theory (8 credits)

- APMS 1090 - Musicianship Laboratory I (1)
- APMS 1100 - Musicianship Laboratory II (1)
- MUSC 1510 - Harmony (3*)
- MUSC 1520 - Advanced Harmony (3)

Music, Science and Technology (6 credits)

- MUSC 2300 - Introduction to Computer Applications in Music (3*)
- MUSC 4400 - Music and Digital Signal Processing (3) * Pre-requisites and/or Co-requisites (see course descriptions)

Philosophy Minor

A minor in philosophy consists of five philosophy courses, three of which must be above the 1000-level.

Public Health Minor

The Public Health Minor has been designed for students who are looking for an introduction to the field and its disciplines. This minor offers a complementary curriculum for students who are on a pre-medical track or those majoring in fields, such as environmental sciences or policy, which may incorporate a health focus. The coursework for the minor offers exposure to the concepts and applications of public health in a variety of the specific disciplines which make up the School of Public Health and Tropical Medicine.

The Public Health Minor requires a minimum of 18 hours in undergraduate public health credits. See below, or check out the Minor requirements checklist, for details.

Students are required to take the following courses for a total of 9 credits:

- SPHU 1010 Epidemics, Revolutions, and Response: Introduction to Public Health
- SPHU 1020 The Cell, The Individual, and The Community
- SPHU 3170 Foundations in Epidemiology

Students must also take any three (3) additional public health courses:

- Students may choose from any SPHU undergraduate public health courses not listed as required courses for an additional 9 credits.

Please note the following before applying to the Public Health Minor:

- Applicants must be in good academic standing with an overall GPA of 2.0 or better.
- All minor courses must be taken for a letter grade.
- Completion of the minor requires a GPA of 2.0 or better in all classes taken for credit towards the minor.

Physics Minor

A minor in physics consists of Physics 1310 and 1320 (eight credits) plus four courses (at least 12 credits) of physics courses at the 2000-level or above. At least 1 course (three credit minimum) of the upper-level courses must be chosen from classical topics in physics (3630, 3740, 4230, 4650). It should be noted that some of the upper-level physics courses have certain mathematics prerequisites.

General Physics

- PHYS 1310 - General Physics I
- PHYS 1320 - General Physics II

At least three credits of:

- PHYS 3630 - Electromagnetic Theory
- PHYS 3740 - Classical Mechanics
- PHYS 4230 - Thermal Physics
- PHYS 4650 - Optics

Political Science Minor

A minor in political science (POLS or POLI) consists of six courses in political science, in at least two different subfields, with at least three courses above the 3000-level.

A minor in Political Science-International Development requires PSDV 2400, PSDV 3200, ECON 1020 or POLI 3450 and three electives, at least one of which is in PSDV. At least three of the six courses for the PSDV minor must be at the 3000-level or above.

Portuguese Minor

A minor in Portuguese consists of 15 credits above the 2000-level, at least one of which must be at the 6000-level. The courses should be selected in consultation with the major adviser and according to the interest of the student, whether in language, literature and culture, or a combination.

Summer Minor Program in U.S. Public Policy

A minor in public policy can only be obtained through participating in the Summer Minor Program in Public Policy. The program is held over 8 consecutive weeks, divided into two 4-week sessions, from roughly the first of June through mid-to-late July.

The minor requires 5 courses (15 hours/credits), including:

- POLA 3240: Public Policy - Must either be taken prior to or as part of the summer program.
- ECON 1010: Microeconomics - Can be taken prior to or subsequent to the summer program.

Electives

Students must take one elective during the first session of the summer program (roughly the month of June). The elective offerings change each summer and typically there are at least two options for study in different policy areas.

Research Tracks

In the second session of the summer program (roughly the month of July), students must select one of the following research tracks.

NOLA City Policy/Policy Research Track - Students must take *both* of the following courses:

- POLA 4110: Policy Research Shop - This class creates a partnership between city government and Tulane students in order to address issues of concern to the city and increase students' civic engagement. In this course, the professor solicits policy topics from local elected and appointed officials and bureaucrats and then students write policy briefs on these issue areas. In exchange for the policy brief, policy sponsors agree to allow the students to present their findings at an official forum, such as city council meeting. Students will spend 20 hours during the second session of the program working on research for an office in City Hall as part of a **required 20-hour service learning element**.
- Elective: A co-requisite elective related to urban public policy will be selected each summer.

Community Engagement Policy Research - Students must take *both* of the following course:

- SOCI 4210: Urban Ethnography & Social Justice - In this course students will develop skills and practical working knowledge of the theoretical and conceptual frameworks used in analyzing urban issues through an exploration of the city of New Orleans. The course will

involve a combination of classroom instruction, practitioner engagement, applied field instruction, and professional development activities. A major component of this course will be hands-on, ethnographic explorations of the city, followed by detailed written reflections and analysis of these experiences. **Students will spend 20 hours as part of a required service learning element.**

- SOCI 4310: Crime, Punishment & Community in NOLA - This course critically examines crime and violence (causes/sources, law enforcement and punishment) as they exist in the city of New Orleans, and seeks to discover suggestions on how to move forward on these issues from the perspective of city residents.

Important Policies

Pre- and Co-Requisites:

Most departmental pre- and co-requisites are waived in the summer.

Completion of Minor during Summer:

Students must take one elective during the first summer session and both courses in one of the research tracks for the second session. They must also complete POLA 3240 during the summer unless they have already taken it. ECON 1010 can be completed anytime.

Non-minor Participation in Program:

All courses are open to any student. The courses in the research tracks are co-requisites, meaning they must be taken together.

Double-Counting:

According to university policy, students must have 27 credits in each major that stand alone, that is, are NOT counting toward another major or a minor.

Minimum Grades:

According to university policy, upon graduation all major and minor GPAs must be 2.0 or higher and students may not take courses for the minor as satisfactory/unsatisfactory.

Psychology Minor

A minor in psychology requires:

- PSYC 1000 - Introductory Psychology
- PSYC 3090 - Psychological Applications of Univariate Statistics I
- At least three additional three or four credit psychology courses at or above the 3000-level to reach 16 credits

Russian Minor

A minor in Russian consists of a minimum of 15 credits above RUSS 2030.

Social Innovation & Social Entrepreneurship Minor

Building upon Tulane University's strengths in civic engagement and service learning, the interdisciplinary social innovation and social entrepreneurship (SISE) minor will prepare students to use solutions-oriented thinking, integrate theory and practice, generate and support stimulating research across fields, and better understand and create new models of social change. Tulane recognizes that well-informed, motivated, and connected citizens are the real agents that create change, and the time and place to cultivate these changemakers is during their university studies. SISE will enable student to explore how they can be changemakers in whatever career path they choose, be it working for a nonprofit, a corporation, in academia, or starting their own venture.

Pre-requisites, concurrent enrollment, and course substitutes:

- Students are required to take ECON 1010 before pursuing the SISE Minor.
- Students may enroll in ECON 1010 and SISE 2010 concurrently.
- Business majors will substitute a business course in place of SISE 2020.
- Architecture majors will substitute an architecture course in place of SISE 3010.
-

The requirements of the social innovation and social entrepreneurship minor include these five courses:

- SISE 2010 Introduction to Social Innovation and Social Entrepreneurship
- SISE 2020 Introduction to Business Principles and Methods
- SISE 3010 Design Thinking for Collective Impact
- SISE 3020 Leadership for Collective Impact
- SISE 4000 Senior Practicum

School of Liberal Arts Management Minor (SLAMM)

The minor is intended to introduce non-business majors to an understanding of management practices and principles within the perspective of the liberal arts. As an interdisciplinary minor, and through a curriculum divided into three tiers, it incorporates basic economic and accounting courses with classes throughout the arts, humanities and social sciences as well as specially designed SLAMM courses focusing on leadership, ethics, law, public relations, marketing and strategy.

Students completing the minor will acquire skills that may be applicable for future careers as well as gaining an appreciation of the origins and implications of contemporary business methods and institutions. Learning outcomes include: financial literacy; management concepts and practices; critical perspectives on business and society; and, an integration of disciplinary expertise with career opportunities.

The minor requires a minimum of six courses (18 hours) selected from three tiers that will insure the students have an acquaintance with basic business language and practices as well as an interdisciplinary perspective. Courses taken in the Freeman School, apart from Accounting 2010, will be considered for credit on a case by case basis. A maximum of two courses may be counted from a study-abroad program, provided the courses are accepted by the specific department advisor and the director of SLAMM. Registration is restricted to SLAMM minors during priority registration. Open to all students thereafter.

Tier I - students must complete both courses in Tier I

- ECON 1010 Microeconomics
- ACCN 2010 Financial Accounting

Tier II - students must complete a minimum of 2 and a maximum of 3 in Tier II

- SLAM 3030 Principles of Marketing
- PHIL 2600 Business Ethics
- SOCI 2500 Organizational Behavior

Tier III - Electives

- SPAN 3290 Business and Legal Spanish
- ARBC 3200 Business Arabic
- ENGL 3670 Technical Writing
- MUSC 2800 Introduction to the Music Business
- COMM 3400 Communication and Leadership in Groups and Organizations
- COMM 3290 Digital Production for Nonprofits
- HIST 4004 Markets, Money and Trade in Pre-Industrial Economies
- ANTH 3090 Financial Lives
- ANTH 3190 Economic Anthropology
- ECON 3100 Economics of Money and Banking

- ECON 3240 Economic History of the United States
- ECON 3340 Government in the Economy
- SOCI 1510 Work in American Society
- SOCI 2180 Wealth, Power and Inequality
- POLI 3540 International Political Economy
- POLC 4030 Comparative Political Economy of the Welfare State

Sociology Minor

A minor in sociology consists of at least five three-credit courses (15 credits).

- One 1000-level course
- SOCI 2010 - Foundations of Sociology
- SOCI 3030 - Introduction to Research Design
- SOCI 3220 - Social Theory
- One additional course at the 1000-2990 or 4000-6990 level

Note: None of the courses taken in fulfillment of the sociology minor may be used to fulfill the requirements of other majors or minors.

Spanish Minor

The Spanish minor consists of 18 credits (six courses), which are constituted by numbers 1-3 below, plus any other three 4000-level courses. Students are encouraged to take 4040 and 4050. Minors may not receive credit for courses taught in English.

1. One of the following three courses:

- SPAN 3040 Grammar and Writing in Spanish
- SPAN 3040 Grammar and Writing in Spanish
- SPAN 3050 Business and Legal Spanish
- SPAN 3060 Spanish for the Health Sciences
(Prerequisite: SPAN 2040 or special permission)

2. One of the following three courses:

- SPAN 3130 Introduction to Latin American Culture
- SPAN 3240 Introduction to Spanish Culture
- SPAN 3350 Introductory Topics in Hispanic Cultures (prerequisite: SPAN 3040, 3050, or 3060 or special permission)

3. One of the following two courses:

- SPAN 3270 Readings in Spanish and Latin American Literature
- SPAN 3280 Film and Visual Culture in Spanish
(prerequisite: SPAN 3130, 3240, or 3350 or special permission)

Theatre Minor

The following courses are required for a minor in theatre:

- THEA 2010 - Performance
- THEA 2100 - Fundamentals of Acting
- THEA 3311 - Scene Shop Practicum
- THEA 3312 - Costume Shop Practicum (taken twice)
- THEA 3340 - Theatre Production and Design I

And two from:

- THEA 4710 - History of Theatre I
 - THEA 4720 - History of Theatre II
 - THEA 4730 - History of Theatre III
- plus two elective for a total of 23 credits

Urban Studies Minor

The Urban Studies minor is intended for any undergraduate student seeking to develop a multi-disciplinary but focused exploration of cities, urban life and artifacts, and the design and organization of urban space and experience. It is designed to complement pursuit of any major(s) throughout the Liberal Arts, Science and Engineering, Architecture, Public Health, and Business and offers an excellent academic supplement to pre-professional training for many areas of law, social work, and medicine.

Requirements:*

- Six courses (minimum of 18 credits) are required for the minor in Urban Studies which includes
- URST 2010 - The City I
- URST 2020 - The City II

Additional Information

Plus four additional electives from among pre-approved urban courses (see list below) or other urban electives per program approval. Students must ensure that at least one elective course (3 credits) is at the 300 level or higher and that elective courses are drawn from at least two departments, programs, or schools.

* Any course in which a student earns less than C- does not count toward fulfillment of the minor program. Students must achieve a C average across all required coursework.

Electives:

See Notes ¹ and ²

- URST 3010 - Selected Topics in Urban Studies
- URST 3100 - Urban Geography(now AHST 3030-01)
- URST 6010 - Advanced Topics in Urban Studies
- AHST 1010 - History of Architecture I-Survey
- AHST 1100 - History of Architecture I-Survey
- AHST 3010 - History and Theory of Architecture and Urbanism I /
- AHST 6610 - History and Theory of Architecture and Urbanism I
- AHST 3020 - History and Theory of Architecture and Urbanism II /
- AHST 6620 - History and Theory of Architecture and Urbanism II
- AHST 3300 - Islamic Architecture
- AHST 3410 - American Urbanism
- AHST 6300 - Representing Culture and Ethnicity in the Public Sphere
- AHST 6310 - Housing in the 20th Century
- AHST 6910 - Latin American Cities ^a
- APFC 4910 - Architectural Branding
- RBST 3400 - Design Urbanism
- RBST 3410 - Interpretive Urban Design

- RBST 3700 - Neighborhood Development
- RBST 4300 - Designs on Los Angeles: 20th-century Architecture, Urban Planning, and Metropolitan Imagery in the Making of America's Second City
- RBST 4400 - Tribal New Orleans
- RBST 6400 - Architecture and the Contemporary City
- RBST 6410 - Urban Analysis and Design
- RBST 6420 - US Architecture and Urbanism
- AMST 3110 - New Orleans as a Cultural System
- ANTH 3360 - Anthropology of Cities
- CLAS 3190 - Pompeii: Life in a Roman Town ^b
- ECON 3320 - Urban Economics
- ECON 3420 - Economic History of the United States ^b
- HISA 6230 - Medieval Cities
- HISL 6610 - Modernity and Its Discontents in Latin America
- HISU 6540 - African-American Culture
- POLA 4250 - Power and Poverty in America
- PSYC 3240 - Urban Child Development
- PSYC 3310 - Introduction to African-American Psychology
- SOCI 1060 - Urban Sociology
- SOCI 1090 - Social Problems
- SOCI 1300 - Criminology
- SOCI 2180 - Wealth, Power and Inequality
- SOCI 6120 - Race and Ethnic Relations in America
- SOCI 6170 - Problems in the Sociology of Inequality
- SOCI 6180 - Wealth, Power and Inequality
- SOCI 6190 - Urban Organization
- SOCI 6300 - Urban Policy and Planning
- SOCI 6310 - The Urban Experience
- SOCI 6960 - Urban Latin America
- SPAN 4510 - Hispanic Cities
- SOWK 3000 - Civic Engagement and Leadership

Course Notes:

¹ List includes pre-approved course only. In as much as course offerings change, students are advised to check with the Urban Studies Program for up-to-date listings and may petition the Urban Studies Steering Committee in advance regarding other course approvals.

² Listed courses may have prerequisites. Prospective students should consult the catalog and/or relevant department.

^a AHST crosslisted with RBST 6910

^b CLAS 3290 crosslisted with ARHS 3190, HISA 3190^c ECON 3402 crosslisted with HISU 3402

School of Professional Advancement Programs

- Accounting
- Advertising
- Applied Business
- Applied Computing
- Applied Computing
- Applied Computing
- Applied Computing
- Applied Computing
- Digital Design
- Applied Business
- Fine Arts
- Graphic Design
- Homeland Security Studies
- Homeland Security Studies
- Human Resource Development
- Humanities
- Journalism
- Liberal Arts and Sciences
- Master of Liberal Arts and Sciences
- Louisiana Studies
- Management
- Marketing
- New Business Ventures
- Paralegal Studies
- Public Relations
- Sciences
- Small Business Development
- Social Sciences
- Website Development
- Health and Wellness

Accounting

MINOR IN ACCOUNTING

- BSAC 1110 Elementary Accounting I
- BSAC 1120 Elementary Accounting II
- BSAC 2210 Intermediate Accounting I
- BSAC 2220 Intermediate Accounting II
- Any two other courses in Accounting with the BSAC prefix or in Finance (BSFN)

MINOR IN ACCOUNTING & FINANCE

- BSAC 1110 Elementary Accounting I
- BSAC 1120 Elementary Accounting II
- BSAC 2210 Intermediate Accounting I
- BSAC 2220 Intermediate Accounting II
- BSFN 2210 Introduction to Finance

Select two courses:

- BSFN 2540 Intro to Investments
- BSFN 3540 Intermediate Investment
- BSFN 3310 Money and Banking
- BSFN 3560 Personal Financial Planning

PRE-BACCALAUREATE CERTIFICATES IN ACCOUNTING

All courses required for these certificates must be taken at Tulane's School of Continuing Studies. Courses presented for these certificates require a "C" or better.

Beginning Accounting Certificate

- BSAC 1110 Elementary Accounting I
- BSAC 1120 Elementary Accounting II

Accounting Certificate

- BSAC 1110 Elementary Accounting I
- BSAC 1120 Elementary Accounting II
- Any two other courses can be taken from any of the BSAC accounting courses

Advertising

MINOR IN ADVERTISING

Core Requirements:

- MDAR 2610 Principles of Public Relations
- MDAR 2350 Graphic Design I
- BSMK 3200 Principles of Marketing
- BSMK 3400 Advertising I
- BSMK 3410 Advertising II

Select one course:

- BSMT 2250 Business Communication
- JOUR 3600 Editing
- ENLS 2630 Expository Writing

Applied Business

ASSOCIATE OF ARTS IN APPLIED BUSINESS

Core Competencies

- ENGL 1010 Writing
or
- CSEN 1250 Writing
Select one course:
- Math 1110
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics
- CPST 1070 Mathematics for Information Technology

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- BSMT 2250 Business Communication
- THEA 2100 Fundamentals of Acting

Distribution Requirements

- Humanities 6 credits
- Sciences 6 credits
- Social Sciences (one course from the following is required):
- ECON 1010 Introductory Microeconomics
- CSEC 1000 Economics for Non-Majors
- CSEC 1010 Introductory Microeconomics (online)

Writing Requirement

- Designated writing course (CSEN 3310 Business Report Writing recommended)

Major Requirements

- BSAC 1110 Elementary Accounting I
- BSFN 2210 Intro to Finance
Select one course:
- BSMT 2310 Principles of Management
- BSMT 3340 Managing Organizational Behavior
- BSMT 3700 Global Business
Select one course:
- BSBL 3400 Legal Aspects of Business
- BSBL 3450 Commercial Law (*fulfills the CPA commercial law course requirement*)

- BSMT 3380 Business Ethics
- HRDV 3330 Intro to Human Resource Development or a Business Elective
- BSMK 3200 Intro to Marketing Principles
- BSMT 3750 Business Internship (taken in last year)

General Electives

As needed to total 60 credits (computer course recommended)

MINOR IN APPLIED BUSINESS

Minor Requirements

- BSAC 1110 Elementary Accounting I
Select one course:
- BSBL 3400 Legal Aspects of Business
- BSBL 3450 Commercial Law (fulfills the CPA commercial law course requirement)
- BSFN 2210 Intro to Finance
Select one course:
- BSMT 2310 Principles of Management
- BSMT 3340 Managing Organizational Behavior
- BSMT 3700 Global Business
Select one course:
- HRDV 3330 Introduction to Human Resource Development
- BSMT 3380 Business Ethics
- BSMK 3200 Intro to Marketing Principles

APPLIED BUSINESS POST-BACCALAUREATE CERTIFICATE

Students must have a 2.0 grade point average in all required coursework. Half of all the required 24 credits must be completed at Tulane. Courses taken for a baccalaureate degree will not be accepted for transfer credit towards the PBC program. Only those courses successfully completed, "C" or better, after a student received a Baccalaureate Degree will be considered for transfer credit.

Core Requirements

- BSAC 1110 Elementary Accounting I
- BSFN 2210 Intro to Finance
Select one course:
- BSMT 2310 Principles of Management
- BSMT 3340 Managing Organizational Behavior
Select one course:
- BSBL 3400 Legal Aspects of Business
- BSBL 3450 Commercial Law (fulfills the CPA commercial law course requirement)
- BSMT 3380 Business Ethics

- HRDV 3330 Intro to Human Resource Development or a Business Elective
- BSMK 3200 Intro to Marketing Principles
- BSMT 3750 Business Internship (taken in last year)

Students may not earn more than 27 credits in courses under the business studies category or apply more than 27 credits of business courses toward any School of Continuing Studies program. Business studies credits earned at the School of Continuing Studies may not be transferable to a AACSB accredited business school. Students should determine if SCS business courses will transfer before enrolling in SCS accounting, business law, finance, human resource development, management, marketing, or real estate courses.

Applied Computing

ASSOCIATE OF SCIENCE IN APPLIED COMPUTING SYSTEMS AND TECHNOLOGY

To receive an Associate of Science degree in Applied Computing Systems and Technology, a student must complete at least 60 credits (minimum of 30 from Tulane University) with a cumulative grade point average of at least 2.0 and a grade point average of at least 2.0 in all major coursework. At least half of the major requirements must be completed at Tulane University. The requirements for the degree are as follows.

Core Competencies

- ENGL 1010 Writing
or
- CSEN 1250 Writing
Select one course:
- Any Math
- CPST 1070 Mathematics for Information Technology
- BSMT 3250 Business Statistics

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements

- Humanities, 6 Credits
- Sciences, 6 Credits
- Social Sciences, 6 Credits

Major Core Requirements

- CPST 1200 Fundamentals of Information Systems and Information Technology
- CPST 2200 Programming Fundamentals
- CPST 2300 Database Fundamentals
- CPST 3600 IT Hardware and Software Fundamentals
- CPST 3700 Networking Fundamentals
- CPST 3900 Fundamentals of Information Security and Assurance

Major Concentration Requirements

- Two courses selected from one of the Major Concentration Areas listed for the Bachelor's

Degree

General Electives

- As needed to total 60 credits

MINOR IN APPLIED COMPUTING SYSTEMS AND TECHNOLOGY

A minor in Applied Computing Systems provides a broad background in the core areas of Information Systems and Information Technology. It is available to SCS students who are pursuing a bachelor's degree in another discipline. Students must have a 2.00 grade-point average in all required coursework for minors. The requirements for the minor are as follows.

Minor Requirements

- CPST 2200 Programming Fundamentals
- CPST 2300 Database Fundamentals
- CPST 3700 Networking Fundamentals
- One CPST Course (2000 level or above)
- Two CPST Courses (3000 level or above)

Applied Computing

ASSOCIATE OF SCIENCE IN APPLIED COMPUTING SYSTEMS AND TECHNOLOGY

To receive an Associate of Science degree in Applied Computing Systems and Technology, a student must complete at least 60 credits (minimum of 30 from Tulane University) with a cumulative grade point average of at least 2.0 and a grade point average of at least 2.0 in all major coursework. At least half of the major requirements must be completed at Tulane University. The requirements for the degree are as follows.

Core Competencies

- ENGL 1010 Writing
or
- CSEN 1250 Writing
Select one course:
- Any Math
- CPST 1070 Mathematics for Information Technology
- BSMT 3250 Business Statistics

Supporting Requirement: Oral Communications Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements

- Humanities, 6 Credits
- Sciences, 6 Credits
- Social Sciences, 6 Credits

Major Core Requirements

- CPST 1200 Fundamentals of Information Systems and Information Technology
- CPST 2200 Programming Fundamentals
- CPST 2300 Database Fundamentals
- CPST 3600 IT Hardware and Software Fundamentals
- CPST 3700 Networking Fundamentals
- CPST 3900 Fundamentals of Information Security and Assurance

Major Concentration Requirements

- Two courses selected from one of the Major Concentration Areas listed for the Bachelor's Degree

General Electives

- As needed to total 60 credits

MINOR IN APPLIED COMPUTING SYSTEMS AND TECHNOLOGY

A minor in Applied Computing Systems provides a broad background in the core areas of Information Systems and Information Technology. It is available to SCS students who are pursuing a bachelor's degree in another discipline. Students must have a 2.00 grade-point average in all required coursework for minors. The requirements for the minor are as follows.

Minor Requirements

- CPST 2200 Programming Fundamentals
- CPST 2300 Database Fundamentals
- CPST 3700 Networking Fundamentals
- One CPST Course (2000 level or above)
- Two CPST Courses (3000 level or above)

Applied Computing

BACHELOR OF SCIENCE IN APPLIED COMPUTING SYSTEMS AND TECHNOLOGY

To receive a Bachelor of Science degree in Applied Computing Systems and Technology, a student must complete at least 120 credits (minimum of 60 from Tulane University) with a cumulative grade point average of at least 2.0 and a grade point average of at least 2.0 in all major and minor coursework. At least half the major and half the minor must be completed at Tulane University. The requirements for the degree are as follows.

Core Competencies

- ENGL 1010 Writing
or
 - CSEN 1250 Writing
 - Select two courses
 - Any Math
 - CPST 1070 Math for Information Technology
 - BSMT 3250 Business Statistics (note: only one of MATH 1110, MATH 1140, and BSMT 3250 allowed)
-
- Foreign Language or non-Western Culture, 6-8 credits

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements (at least two disciplines per category)

- Humanities (CPST 3050 Technology and Ethics recommended), 12 credits
- Sciences, 12 credits
- Social Sciences, 12 credits

Writing Requirement

- Designated writing course

Major Requirements

- Major Core Courses (See Major Requirements below), 18 credits
- Major Concentration Courses (See Major Requirements below), 18 credits

Minor (optional)

- Varies according to minor chosen

General Electives

- As needed to total 120 credits

NOTE on the choice of minors for the Applied Computing Systems and Technology degree

IS and IT are intimately tied to applications in business environments. Students who choose this program are highly encouraged to consider a minor in generalized Business Studies or one of the specific areas of Business. Students who choose the Integrated Application Development concentration may wish to consider a minor in one of the Media Arts areas. Students who choose the Information Technology concentration may want to consider a minor in Homeland Security. Students may select a minor from any of the academic departments of the University, but only the unique minors of the SCS are guaranteed to be available in the evening hours.

MAJOR REQUIREMENTS

All Applied Computing majors are required to take the following 6 major core courses.

Major Core Courses

- CPST 1200 Fundamentals of Information Systems and Information Technology
- CPST 2200 Programming Fundamentals
- CPST 2300 Database Fundamentals
- CPST 3600 IT Hardware and Software Fundamentals
- CPST 3700 Networking Fundamentals
- CPST 3900 Fundamentals of Information Security and Assurance

In addition to the major core courses above, Applied Computing majors must select 6 additional courses from one of the 3 following concentration options:

Option 1: Integrated Application Development Concentration

Select one course:

- CPST 3220 O-O Programming with Java
 - CPST 3230 Programming in C++
 - CPST 3400 Website Development with XML/XHTML
 - CPST 3410 Website Development with JavaScript
 - CPST 3430 Website Development with ASP
-
- CPST 3310 Relational Database Design and Development
 - CPST 3250 Human-Computer Interaction
 - CPST 3550 Systems Analysis and Design
 - CPST 4250 Integrated Application Development

- One CPST Elective (2000 level or above)

Option 2: Business Systems Analysis Concentration

- CPST 3500 Information Systems Project Management
- CPST 3550 Systems Analysis and Design
- CPST 4500 Systems Requirements Development and Testing
- CPST 4550 Applied Systems Analysis

Select one course:

- CPST-3250 Human-Computer Interaction
 - CPST-4320 Business Systems Intelligence
-
- One CPST Elective (2000 level or above)

Option 3: Information Technology Concentration

Select six courses:

- CPST 3500 Information Systems Project Management
- CPST 3610 Internet Server Administration with Windows Server and IIS
- CPST 3650 Internet Server Administration with Linux and Apache
- CPST 3690 Microcomputer Hardware
- CPST 3710 Internet Technologies
- CPST 3930 Cyber Threats and Cyber Security
- CPST 4350 Database Administration
- CPST 4610 Network Administration
- CPST 4640 TCP/IP Protocol
- CPST 4650 Unix Systems Administration
- CPST 4670 Advanced Network Administration
- CPST 4700 Wide Area Networks
- CPST 4710 Managing a Network Infrastructure
- CPST 4750 IP Routing and Switching
- CPST 4930 Network Security
- CPST 4950 Website Security

Applied Computing

The Master of Professional Studies (MPS) degree in Computing Technologies is the second MPS degree approved by Tulane University. The Master of Professional Studies (MPS) is a recognized graduate degree program concentrating in applied fields of study. The MPS degree is often a terminal degree and is usually either interdisciplinary or multidisciplinary. The fields of concentration are in areas not readily aligned with traditional disciplines of university graduate study. The more traditional Master of Arts or Master of Science degrees primarily concentrate on research, methodology, and theory, serving as a benchmark toward the PhD. The Master of Professional Studies, by definition and application, emphasizes learning relevant to professional employment. In short, it focuses primarily on practical, applied disciplines requiring fieldwork or internships as complements to the curriculum. MPS programs provide specialized, experiential learning in a range of professional careers, including historic preservation, public relations, human resource management, homeland security, and computing technologies. Several leading universities in the United States offer the MPS. Among them are Cornell University, City University of New York, Georgetown University, New York University, and the University of Denver.

MPS IN COMPUTING TECHNOLOGIES

In today's complex business environment, computing technologies play a key role in enabling, controlling and improving business processes. Information is a vital corporate asset. The successful management of the technology that controls this asset is crucial to enable it to be a source of competitive advantage for an organization. Businesses need effective leaders who can bring people and technology together to create this competitive advantage. These leaders must be able to articulate a vision and develop a strategy for the application of technology, and be able to provide direction and guidance in the design, development and implementation of the architectures, processes and systems needed to manage the technologies.

The MPS program is designed for information technology and business professionals who want to combine their managerial skills and technical acumen to advance into a leadership role in the application of computing technologies. The program does this through a rigorous set of courses the will prepare the student to integrate people, technology and business processes within and across organizational boundaries. The program provides the conceptual foundation of leadership skills combined with current technology concepts needed for graduates to be effective leaders in the application of technology to business and organizational needs. The program emphasizes systems and processes and allows students to experience how these technologies connect activities and processes to help solve the challenges faced by information technology leaders of today.

Goals of the MPS-CT Program:

The goal of the MPS program in Computing Technologies is to produce students who are prepared to provide leadership in the management and application of computing technologies. Graduates will have the following skills, knowledge and values:

- A core set of technology and management knowledge
- Broad business and real world perspective

- Communication, interpersonal, and team skills
- Analytical and critical thinking skills
- The ability to integrate technology, business processes and people to leverage the use of computing technologies to solve critical needs of a business or organization

ADMISSION

- Students applying to the MPS program must hold a baccalaureate degree from a regionally accredited college or university.
- Students must submit an application (see below) including a brief statement of 250-500 words describing how graduate education at Tulane University can assist with the achievement of their objectives. They should include in this statement a brief discussion of their background with computing technologies beyond academic coursework.
- Students must submit official college transcripts from each college attended.
- Ordinarily, a successful applicant has at least a "B" (3.00) average in all coursework taken.
- Completed applications are reviewed by the MPS-CT Director and Admissions Committee throughout the year. The MPS application may be submitted to the School of Continuing Studies after the applicant has consulted with Dr. Jim Simmons about the program.

Conditional Admission

Students who do not meet the 3.0 grade point average in their undergraduate course work but who possess sufficient professional experience in the computing field may be admitted provisionally into the program. This conditional admission will allow them to take one class in their first semester. Successful completion of this course with a grade of B or better will allow them full admission to the degree program.

DEGREE REQUIREMENTS

The School of Continuing Studies awards the MPS degree following the successful completion of ten graduate courses, comprised of seven core courses and three elective courses. No thesis is required. Students may not apply more than two independent study courses toward fulfilling graduation requirements for the MPS. In order to earn the Master of Professional Studies degree, a student must have a cumulative grade point average of at least 3.00. Students must also submit an application for degree, available from the School of Continuing Studies Dean's office, at the beginning of the semester in which the student plans to complete all required coursework.

ACADEMIC PROGRESS REQUIREMENTS

Students admitted to the MPS program must maintain an overall grade point average of 3.00 or better to be considered in good academic standing. Students whose grade point average falls below 3.00 will be placed on academic probation and limited to a maximum of six credit hours in the subsequent semester. Students will be removed from academic probation when they earn an overall grade point average of at least 3.00.

Students may apply one "B-" toward degree requirements; however, students who earn a second "B-" will be dismissed from the program. Students who receive a grade of "C+" in any

coursework attempted will be dismissed from the program.

TRANSFER CREDITS

A student may petition to transfer a maximum of nine credit hours (three courses) of graduate coursework from other colleges or universities into the MPS degree. However, only courses with grades of "B" or above, completed within five years of enrolling in the MPS program, may be considered for transfer credit. The Director of Academic Computing Programs will review all transfer credit requests prior to enrollment in the program.

GRADUATE FACULTY

The Graduate Faculty of the School of Continuing Studies consists of the Dean of the School of Continuing Studies, the Directors of the MPS programs, and other faculty members who have experience teaching MPS students.

TUITION

Tuition for the 2014-2015 academic year is \$1,578 for a three-credit course. For the 2015-2016 academic year, tuition is \$1,656 for a three-credit course.

MASTER OF PROFESSIONAL STUDIES IN COMPUTING TECHNOLOGIES

The proposed MPS degree program is a 30 credit program consisting of seven core graduate courses and 3 elective courses. The Core courses cover a range of both technology issues and business and leadership issues. In addition, the student selects three additional elective courses covering various aspects of computing technologies.

Core Requirements

Technology Courses

- CPST-7200 Enterprise Architecture - Software
- CPST-7600 Enterprise Architecture - Hardware
- CPST-7800 Legal Issues in Information Technology
- CPST-7900 Computer Security

Business and Leadership Courses

- CPST-7000 IT Governance and Policy
- CPST-7100 Managing the IT Department
- CPST-7150 The Business of Information Technology

MPS Electives - select three courses:

- CPST-6320 Business Intelligence*
- CPST-6500 Systems Requirements Development and Testing*
- CPST-6501 IT Project Management*
- CPST-7250 Software Development Methodologies
- CPST-7850 Healthcare Informatics
- HMLS-7800 Cyber Threats and Homeland Security**

* CPST-4320/6320, CPST-4500/6500 and CPST-3500/6501 are dual Upper Level Undergraduate/Graduate courses

** HMLS-7800 is a Graduate Level Course in the MPS program for Homeland Security

Applied Computing

POST-BACCALAUREATE CERTIFICATE IN INTEGRATED APPLICATION DEVELOPMENT

Core Requirements

- CPST 1200 Fundamentals of Information Systems and Information Technology
- CPST 2200 Problem Analysis and Programming Principles I
- CPST 2300 Database Fundamentals
- CPST 3600 IT Hardware and Software Fundamentals
- CPST 3700 Networking Fundamentals
- CPST 3900 Fundamentals of Information Security and Assurance

Application Development Concentration Requirements

Select one course:

- CPST 3200 O-O Programming with Java
- CPST 3230 Programming in C++
- CPST 3400 Website Development with XML/XHTML
- CPST 3410 Website Development with JavaScript
- CPST 3430 Website Development with ASPR
- CPST 3310 Relational Database Design and Development
- CPST 3250 Human-Computer Interaction
- CPST 3550 Systems Analysis and Design
- CPST 4250 Integrated Application Development
- One CPST Elective (2000 level or above)

POST-BACCALAUREATE CERTIFICATE IN BUSINESS SYSTEMS ANALYSIS

Core Requirements

- CPST 1200 Fundamentals of Information Systems and Information Technology
- CPST 2200 Problem Analysis and Programming Principles I
- CPST 2300 Database Fundamentals
- CPST 3600 IT Hardware and Software Fundamentals
- CPST 3700 Networking Fundamentals
- CPST 3900 Fundamentals of Information Security and Assurance

Business System Analysis Concentration Requirements

- CPST 3500 Information System's Project Management
- CPST 3550 Systems Analysis and Design
- CPST 4500 System Requirements Development and Testing

- CPST 4550 Applied Systems Analysis
Select one course:
- CPST 3250 Human-Computer Interaction
- CPST 4320 Business Systems Intelligence
- One CPST Elective (2000 level or above)

POST-BACCALAUREATE CERTIFICATE IN INFORMATION TECHNOLOGY

Core Requirements

- CPST 1200 Fundamentals of Information Systems and Information Technology
- CPST 2200 Problem Analysis and Programming Principles I
- CPST 2300 Database Fundamentals
- CPST 3600 IT Hardware and software Fundamentals
- CPST 3700 Networking Fundamentals
- CPST 3900 Fundamentals of Information Security and Assurance

Information Technology Concentration Requirements

Select six courses:

- CPST 3500 Information Systems Project Management
- CPST 3610 Internet Server Administration with Windows Server and IIS
- CPST 3650 Internet Server Administration with Linux and Apache
- CPST 3690 Microcomputer Hardware
- CPST 3710 Internet Technologies
- CPST 3930 Cyber Threats and Cyber Security
- CPST 4350 Database Administration
- CPST 4610 Network Administration
- CPST 4640 TCP/IP Protocol
- CPST 4650 Unix Systems Administration
- CPST 4670 Advanced Network Administration
- CPST 4700 Wide Area Networks
- CPST 4710 Managing a Network Infrastructure
- CPST 4750 IP Routing and Switching
- CPST 4930 Network Security
- CPST 4950 Website Security

Digital Design

BACHELOR OF ARTS IN DIGITAL DESIGN

Core Competencies

- ENGL 1010 Writing
Select one course:
- Math
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics (recommended)
- CPST 1070 Math for Information Technology

- Foreign Language or non-Western Culture, 6-8 credits

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements (at least two disciplines per category)

- Humanities, 12 credits
- Sciences, 12 credits
- Social Sciences, 12 credits

Writing Requirement

- Designated writing course

Major Requirements

- MDAR 1020 Introduction to Digital Design
- MDAR 2810 Web Design
- MDAR 2200 Digital Illustration
- MDAR 2300 Digital Imaging
- MDAR 2350 Graphic Design I
- MDAR 3200 Animation I
- MDAR 4300 Animation II
- MDAR 4320 Digital Portfolio
Select one course:
- MDAR 2050 Media and the Law
- MDAR 2100 Visual Communication
- MDAR 3350 Graphic Design II

- MDAR 5010 Media Arts Practicum

Minor (optional)

- Varies according to minor chosen

General Electives

- As needed to total 120 credits

ASSOCIATE OF ARTS IN DIGITAL DESIGN

Core Competencies

- ENGL 1010 Writing
or
- CSEN 1250 Writing
Select one course:
- Math
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics (recommended)
- CPST 1070 Math for Information Technology

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements

- Humanities, 3 Credits
- Sciences, 3 Credits
- Social Sciences, 3 Credits

Writing Requirement

- Designated writing course

Major Requirements

- MDAR 1020 Introduction to Digital Design
- MDAR 2810 Web Design
- MDAR 2200 Digital Illustration
- MDAR 2300 Digital Imaging
- MDAR 2350 Graphic Design I

- MDAR 3200 Animation I
 - MDAR 4320 Digital Portfolio
- Select one course:
- MDAR 2100 Visual Communication
 - MDAR 3350 Graphic Design II

General Electives

- As needed to total 60 credits

MINOR IN DIGITAL DESIGN

Minor Requirements

- MDAR 1020 Introduction to Digital Design
- MDAR 2200 Digital Illustration
- MDAR 2300 Digital Imaging
- MDAR 2350 Graphic Design
- MDAR 2810 Web Design Select one course:
- MDAR 2100 Visual Communication
- MDAR 3200 Animation I

DIGITAL DESIGN POST-BACCALAUREATE CERTIFICATE

Post-Baccalaureate Certificates (awarded only to students already holding a BA or BS) in all Media Arts disciplines are composed of the major courses for the BA.

Core Requirements

- MDAR 1020 Introduction to Digital Design
 - MDAR 2810 Web Design
 - MDAR 2200 Digital Illustration
 - MDAR 2300 Digital Imaging
 - MDAR 2350 Graphic Design I
 - MDAR 3200 Animation I
 - MDAR 4300 Animation II
 - MDAR 4320 Digital Portfolio
- Select two courses:
- MDAR 2050 Media and the Law
 - MDAR 2100 Visual Communication
 - MDAR 3350 Graphic Design II
-
- MDAR 5010 Media Arts Practicum

Applied Business

CERTIFICATE OF COMPLETION IN FINANCE

Tulane's School of Continuing Studies offers a Certificate in Finance upon completion of the courses specified below. All courses required for this certificate must be taken at the School of Continuing Studies. Courses presented for this certificate requires a "C" or better.

Requirements

- BSFN 2210 Intro to Finance
- BSFN 2540 Intro to Investments or BSFN 3560
- Any two other courses can be taken from any of the BSFN courses or any of the BSAC courses

Fine Arts

Tulane's School of Continuing Studies offers a Bachelor of Fine Arts upon fulfillment of the requirements listed below.

Not all courses required for these majors will be available in the evening or charged at SCS reduced tuition rates. For a complete list of all majors available in the liberal arts and sciences, consult the School of Liberal Arts.

BACHELOR OF FINE ARTS

Core Competencies

- ENGL 1010 Writing
or
- CSEN 1250 Writing
- Quantitative Reasoning

- Foreign Language or non-Western Culture, 6-8 credits

Distribution Requirements

- Fine Arts, 3 credits
- Humanities, 3 credits
- Fine Arts or Humanities, 3 credits
- Sciences, 6 credits
- Lab Science, 4 credits
- Social Sciences (requirements vary; see adviser for guidance), 6 credits

Writing Requirement

- Intensive writing course

Cultural Requirements

- Perspectives in the European Tradition, 3 credits
- Perspectives Outside the European Tradition/Comparative Cultures and International Perspectives, 3 credits

Major Requirements

- Varies according to major chosen

Minor (optional)

- Not required for LAS majors

General Electives

- As needed to total 120 credits

Graphic Design

Tulane's School of Continuing Studies offers a Minor in Graphic Design upon fulfillment of the requirements listed below. NOTE For Media Arts majors: three credits can count towards both a major and this minor.

MINOR IN GRAPHIC DESIGN

Core Requirements

- MDAR 2350 Graphic Design I
- MDAR 3350 Graphic Design II
- MDAR 2200 Digital Illustration
- MDAR 2300 Digital Imaging
- JOUR 3600 Editing
- Select one course:
 - MDAR 2100 Visual Communication
 - MDAR 2610 Principles of Public Relations
 - JOUR 2010 Intro to Journalism

Homeland Security Studies

Tulane's School of Continuing Studies offers a Master of Professional Studies and a Bachelor of Arts in Homeland Security Studies, as well as a Minor and a Post-Baccalaureate Certificate.

BACHELOR OF ARTS IN HOMELAND SECURITY STUDIES

Core Competencies

- ENGL 1010 Writing
Select one course:
- Math
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics (recommended)
- CPST 1070 Math for Information Technology

- Foreign Language or non-Western Culture, 6-8 credits

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements (at least two disciplines per category)

- Humanities, 12 credits
- Sciences, 12 credits
- Social Sciences, 12 credits

Writing Requirement

- Designated writing course (CSEN 3310 Business Report Writing recommended)

Major Requirements

- HMLS 2750 Homeland Security
- HMLS 3150 Health and Medical Issues in Emergency Management
- HMLS 3200 Domestic and International Terrorism
- HMLS 3250 Emergency Management
- HMLS 3500 Intelligence Research, Method & Analysis
- HMLS 3600 Critical Infrastructure Protection
- HMLS 3700 Transportation and Border Security I

Select three courses:

Homeland Security:

- HMLS 4500 Intelligence Analysis/Critical Thinking
- HMLS 4600 Homeland Security & Approaches to Counter-Terrorism
- HMLS 4700 Maritime & Border Security

Applied Computing:

- CPST 3930 Cyber Threats and Cyber Security

Earth & Environmental Science:

- EENS 3050 Natural Disasters

History of the Middle East/North Africa:

- HISM 1200 The Contemporary Middle East
- HISM 3200 History of Islam
- HISM 3210 Modern Middle East
- HISM 3220 The Arab-Israeli Conflict

United States History:

- HISU 3530 War & National Policy in the United States
- HISU 3590 War & National Policy in the U.S., 1898 to the Recent Past
- HISU 6500 Emergence of the Modern U.S., 1917 to 1945

American Political Process and Institutions:

- POLA 2100 American Government
- POLA 4270 Constitutional Law

International Politics, Organization, and Law:

- POLI 4520 Intelligence & Covert Operations
- POLI 4530 American Foreign Policy
- POLI 4630 Strategy and Politics
- POLI 6630 International Security

Sociology:

- SOCI 1300 Criminology

Minor (optional)

- Varies according to minor chosen

General Electives

- As needed to total 120 credits

ASSOCIATE OF ARTS IN HOMELAND SECURITY STUDIES

Core Competencies

- ENGL 1010 Writing
Select one course:
- Math
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics (recommended)
- CPST 1070 Math for Information Technology

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements (at least two disciplines per category)

- Humanities, 6 credits
- Sciences, 6 credits
- Social Sciences, 6 credits

Writing Requirement

- Designated writing course

Major Requirements

- HMLS 2750 National Challenge
- HMLS 3150 Health and Medical Issues in Emergency Management
- HMLS 3200 Domestic and International Terrorism
- HMLS 3250 Emergency Management
- HMLS 3500 Intelligence Research, Method, and Analysis
Select two courses:
- HMLS 3700 Transportation and Border Security
- HMLS 4500 Intelligence Analysis: Critical Thinking
- HMLS 4600 HMLS: Counter-Terrorism
- HMLS 4700 Maritime and Border Security

General Electives

- As needed to total 60 credits

MINOR IN HOMELAND SECURITY STUDIES

Minor Requirements

- HMLS 2750 Homeland Security
- HMLS 3150 Health and Medical Issues in Emergency Management
- HMLS 3200 Domestic and International Terrorism
- HMLS 3250 Emergency Management
- Two elective HMLS prefix courses

POST-BACCALAUREATE CERTIFICATE IN HOMELAND SECURITY STUDIES

Core Requirements

- HMLS 2750 Homeland Security
- HMLS 3150 Health and Medical Issues in Emergency Management
- HMLS 3200 Domestic and International Terrorism
- HMLS 3250 Emergency Management
- HMLS 3500 Intelligence Research, Method & Analysis
- HMLS 3600 Critical Infrastructure Protection
- HMLS 3700 Transportation and Border Security
- HMLS 4990 Homeland Security Practicum
(open only to students in their last year of study for the homeland security post-baccalaureate certificate)

Homeland Security Studies

The Master of Professional Studies (MPS) degree in homeland security is the first MPS degree approved by Tulane University. The Master of Professional Studies (MPS) is a recognized graduate degree program concentrating in applied fields of study. The MPS degree is often a terminal degree and is usually either interdisciplinary or multidisciplinary. The fields of concentration are in areas not readily aligned with traditional disciplines of university graduate study. The more traditional Master of Arts or Master of Science degrees primarily concentrate on research, methodology, and theory, serving as a benchmark toward the PhD. The Master of Professional Studies, by definition and application, emphasizes learning relevant to professional employment. In short, it focuses primarily on practical, applied disciplines requiring fieldwork or internships as complements to the curriculum. MPS programs provide specialized, experiential learning in a range of professional careers, including historic preservation, public relations, human resource management, and homeland security. Several leading universities in the United States offer the MPS. Among them are Cornell University, City University of New York, Georgetown University, New York University, and the University of Denver.

Tulane University's School of Continuing Studies offers a multidisciplinary Master of Professional Studies (MPS) degree. The MPS degree program at Tulane consists of four core graduate courses that cover a range of academic disciplines including medical issues for non medical emergency managers, intelligence analysis, maritime security and advanced approaches to counter terrorism. The Master of Professional Studies program welcomes students of diverse educational backgrounds and promotes the acquisition of knowledge through scholarly research and writing.

After successfully completing the core courses, students may take six homeland security graduate courses to complete their degree. However, a student may choose to substitute (with director approval) up to 9 credit hours (3 classes) from a set of preapproved courses located within the School of Continuing Studies MLA program, School of Liberal Arts, School of Science and Engineering, the School of Social Work, the Payson Center and the School of Public Health and Tropical Medicine. This list of courses will be maintained by the director of the MPS program. In consultation with the MPS director, students will develop an individual plan of study consistent with the degree objectives and tailored to their interests.

ADMISSION

- Students applying to the MPS program must hold a baccalaureate degree from a regionally accredited college or university.
- Students must submit an application (see below) including a brief statement of 250-500 words describing how graduate education at Tulane University can assist with the achievement of their objectives.
- Students must submit official college transcripts from each college attended.
- Ordinarily, a successful applicant has at least a B (3.00) average in all coursework taken.
- Completed applications are reviewed by the MPS director and Admissions Committee throughout the year. The MPS application may be submitted to the School of Continuing Studies after the applicant has consulted with the MPS director about the program.

Conditional Admission

Applicants to the MPS program may be conditionally admitted. Conditional admission stipulates that the student is limited to one course in his/her first semester of enrollment. Such students must earn a grade of "B" or better to gain regular admission. Students who do not receive a grade of "B" or better will not be admitted to the MPS program.

DEGREE REQUIREMENTS

The School of Continuing Studies awards the MPS degree following the successful completion of ten graduate courses comprised of four core 600-level courses and six 700-level courses, which may include graduate courses from other Tulane schools. No thesis is required. Students may not apply more than two independent study courses toward fulfilling graduation requirements for the MPS. In order to earn the Master of Professional Studies degree, a student must have a cumulative grade point average of at least 3.00. Students must also submit an application for degree, available from the School of Continuing Studies Dean's office, at the beginning of the semester in which the student plans to complete all required coursework.

ACADEMIC PROGRESS REQUIREMENTS

Students admitted to the MPS program must maintain an overall grade point average of 3.00 or better to be considered in good academic standing. Students whose grade point average falls below 3.00 will be placed on academic probation and limited to a maximum of six credit hours in the subsequent semester. Students will be removed from academic probation when they earn an overall grade point average of at least 3.00.

Students may apply one "B-" toward degree requirements; however, students who earn a second "B-" will be dismissed from the program. Students who receive a grade of "C+" in any coursework attempted will be dismissed from the program.

TRANSFER CREDITS

Students in good standing may petition to transfer a maximum of nine credit hours (three courses) of graduate coursework from other colleges or universities to the MPS degree. However, only courses with grades of "B" or better, completed within five years of enrolling in the MPS program, may be considered for transfer credit.

GRADUATE FACULTY

The Graduate Faculty of the School of Continuing Studies consists of the Dean of the School of Continuing Studies, the Director of the MPS program, and other faculty members who have experience teaching MPS students.

TUITION

Tuition for the 2014-2015 academic year is \$1,578 for a three-credit course. For the 2015-2016 academic year, tuition is \$1,656 for a three-credit course.

MASTER OF PROFESSIONAL STUDIES IN HOMELAND SECURITY STUDIES

Core Requirements

- HMLS 6150 Health and Medical Issues in Emergency Management
- HMLS 6500 Intelligence Analysis/Critical Thinking
- HMLS 6600 Homeland Security and Approaches to Counter-Terrorism
- HMLS 6700 Maritime and Border Security

MPS Masters Courses

Select six courses:

- HMLS 7200 Domestic and International Terrorism
- HMLS 7250 Emergency Management
- HMLS 7500 Intelligence Research, Methods, and Analysis
- HMLS 7600 Critical Infrastructure and Interdependencies
- HMLS 7700 Transportation and Border Security Strategy
- HMLS 7750 Homeland Security: The National Challenge
- HMLS 7800 Cyber Threats and Homeland Security

COURSES APPROVED FOR MPS

School of Public Health and Tropical Medicine

- GEHS 6430 Crisis and Emergency Communication
- GEHS 6910 Environmental Aspects of Disaster Response
- GEHS 6920 Environmental Sampling, Monitoring, and Analysis in a Disaster
- GEHS 6930 Populations Issues During Disasters
- GEHS 6940 Environmental Aspects of Disaster Recovery
- GEHS 6960 Public Health Law
- GEHS 7100 Community Resiliency in Public Health Disasters
- GEHS 7910 Environmental Disaster Response Planning and Implementation
- GEHS 7930 Special Needs in Disaster Response
- INHL 6250 Introduction to Health and Nutrition in Complex Emergencies
- INHL 6220 Program Management Skills in Crisis and Transition Settings

School of Social Work

- SOWK 7070/GEHS 6950 Psychological Aspects of Disasters
- SOWK 7080/GEHS 7950 Psychological Interventions in Disaster Management

Payson Center

- IDEV 6220 Introduction to Human Aspects of Disasters and Complex Emergencies
- IDEV 6230 Food Aid and Food Security in Humanitarian Settings
- IDEV 6310 Ethnic Conflict

- IDEV 6610 Environment and Development
- IDEV 6670 International Political and Economic Relations
- IDEV 6690 Project Management and Costs

Approved for HMLS Graduate Program

- EENS 6050 Natural Disasters
- HISU 6500 Emergence of the Modern U.S., 1917-1945
- POLI 6630 International Security

NOTE: The School of Public Health and Tropical Medicine will charge our students the same tuition rate per credit hour as the School of Continuing Studies for the following three courses: GEHS 691 Environmental Aspects of Disaster Response, GEHS 693 Populations Issues During Disasters, and GEHS 694 Environmental Aspects of Disaster Recovery.

However, courses offered by other Tulane schools/departments may charge a higher tuition rate per credit hour.

Human Resource Development

You can earn an Associate of Arts, a Minor, a Post-Baccalaureate Certificate or a Certificate of Completion in Human Resource Development.

ASSOCIATE OF ARTS IN HUMAN RESOURCE DEVELOPMENT

Core Competencies

- ENGL 1010 Writing
Select one course:
- Math
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics (recommended)
- CPST 1070 Math for Information Technology

- Foreign Language or non-Western Culture, 6-8 credits

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements

- Humanities, 6 credits
- Sciences, 6 credits
- Social Sciences - Select one course
- ECON 1010 Introductory Microeconomics
- CSEC 1000 Economics for Non-Majors
- CSEC 1010 Introductory Microeconomics (online)

Writing Requirement

- Designated writing course

Major Requirements

- BSAC 1110 Elementary Accounting I
Select one course:
- BSMT 2310 Principles of Management
- BSMT 3340 Managing Organizational Behavior
- BSMT 3700 Global Business

- HRDV 3330 Introduction to Human Resource Development
- HRDV 3520 Compensation & Benefits
- HRDV 3650 Planning, Recruiting & Selection of Human Resources
- HRDV 3700 Performance Appraisal & Productivity
- HRDV 3920 Employment & Labor Law
- BSMT 3750 Business Internship (taken in last year)

General Electives

- As needed to total 60 credits (computer course recommended)

MINOR IN HUMAN RESOURCE DEVELOPMENT

Minor Requirements

- BSAC 1110 Elementary Accounting I
- BSMT 3340 Managing Organizational Behavior
- HRDV 3330 Introduction to Human Resource Development
- HRDV 3520 Compensation & Benefits
- HRDV 3650 Planning, Recruiting & Selection of Human Resources
- HRDV 3700 Performance Appraisal & Productivity

HUMAN RESOURCE DEVELOPMENT POST-BACCALAUREATE CERTIFICATE

Students must have a 2.0 grade point average in all required coursework. Half of all the required 24 credits must be completed at Tulane. Courses taken for a Baccalaureate Degree will not be accepted for transfer credit towards the PBC program. Only those courses successfully completed, "C" or better, after a student received a Baccalaureate Degree will be considered for transfer credit.

Core Requirements

- BSAC 1110 Elementary Accounting I
Select one course:
- BSMT 2310 Principles of Management
- BSMT 3340 Managing Organizational Behavior
- HRDV 3330 Introduction to Human Resource Development
- HRDV 3520 Compensation & Benefits
- HRDV 3650 Planning, Recruiting & Selection of Human Resources
- HRDV 3700 Performance Appraisal & Productivity
- HRDV 3920 Employment & Labor Law
- BSMT 3750 Business Internship (taken in last year)

There is a 27-credit limit on the number of business courses a student in the School of

Continuing Studies may take. NOTE: Business courses at the School of Continuing Studies are not transferable to A.B. Freeman School of Business.

HUMAN RESOURCE DEVELOPMENT CERTIFICATE OF COMPLETION

Requirements

- HRDV 3330 Introduction to Human Resource Development
- HRDV 3650 Planning, Recruiting, and Selection of Human Resources
- HRDV 3520 Compensation and Benefits
- Any other course can be taken from the HR courses

Humanities

The School of Continuing Studies offers a Bachelor of Arts in Humanities, which provides an interdisciplinary approach to humanities. The humanities include architecture, art, classics, communication, dance, English literature, foreign languages, music, philosophy, speech and theatre.

BACHELOR OF ARTS IN HUMANITIES

Core Competencies

- ENGL 1010 Writing
Select one course:
- Math
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics (recommended)
- CPST 1070 Math for Information Technology

- Foreign Language or non-Western Culture, 6-8 credits

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements (at least two disciplines per category)

- Humanities, 12 credits
- Sciences, 12 credits
- Social Sciences, 12 credits

Writing Requirement

- Designated writing course

Major Requirements

- Four Humanities courses (any level)
- Six Humanities courses (3000+ level)

Minor (optional)

- Varies according to minor chosen

General Electives

- As needed to total 120 credits

Journalism

Tulane's School of Continuing Studies offers a Minor upon fulfillment of the requirements listed below.

MINOR IN JOURNALISM

Minor Requirements

- JOUR 2010 Intro to Journalism
 - JOUR 3010 News Writing and Reporting
 - JOUR 3200 Feature Writing
 - JOUR 3600 Editing
 - MDAR 2010 Ethical Issues in the Media
- Select one course:
- JOUR 3400 Online Journalism
 - JOUR 4050 Investigative Journalism
 - MDAR 2610 Intro to Public Relations

Liberal Arts and Sciences

BACHELOR OF ARTS

Core Competencies

- ENGL 1010 Writing
or
- CSEN 1250 Writing
- Quantitative Reasoning
- Foreign Language or non-Western Culture, 6-8 credits

Distribution Requirements

- Fine Arts, 3 credits
- Humanities, 3 credits
- Fine Arts or Humanities, 3 credits
- Sciences, 6 credits
- Lab Science, 4 credits
- Social Sciences, 9 credits

Writing Requirement

- Intensive writing course

Cultural Requirements

- Perspectives in the European Tradition, 3 credits
- Perspectives Outside the European Tradition/Comparative Cultures and International Perspectives, 3 credits

Major Requirements

Varies according to major chosen, 30-36 credits

Minor (optional)

Not required for LAS majors

General Electives

As needed to total 120 credits

Master of Liberal Arts and Sciences

Tulane University's School of Continuing Studies offers an interdisciplinary Master of Liberal Arts (MLA) degree. The MLA degree program at Tulane, which began in 1983, exposes students to a wide range of thought, fact, and human experience by offering courses in many academic disciplines including anthropology, communication, comparative literature, history, philosophy, political science, and sociology. The Master of Liberal Arts program welcomes students of diverse educational backgrounds and promotes the acquisition of knowledge through scholarly research and writing. In consultation with the MLA director, Dr. Ronna Burger, students develop an individual plan of study tailored to their interests.

ADMISSION

Students applying to the MLA program must hold a baccalaureate degree from a regionally accredited college or university.

- Students must submit an application (see below) including a brief statement of 250-500 words describing how graduate education at Tulane University can assist with the achievement of their objectives.
- Students must submit official college transcripts from each college attended.
- Ordinarily, a successful applicant has at least a "B" (3.00) average in all coursework taken.
- Completed applications are reviewed by the MLA director and Admissions Committee throughout the year. The MLA application may be submitted to the School of Continuing Studies after the applicant has consulted with Dr. Burger about the program.

Conditional Admission

Applicants to the MLA program may be conditionally admitted. Conditional admission stipulates that the student is limited to one course in his/her first semester of enrollment. Such students must earn a grade of "B" or better to gain regular admission. Students who do not receive a grade of "B" or better will not be admitted to the MLA program.

DEGREE REQUIREMENTS

The School of Continuing Studies awards the MLA degree following the successful completion of ten MLA courses. Although no thesis is required, MLA students who wish to write a thesis in lieu of the tenth course may petition the Director to do so. The petition must include a detailed prospectus. The MLA Faculty Committee approves or denies the petition. Students may not apply more than two independent study courses toward fulfilling graduation requirements for the MLA. In order to earn the Master of Liberal Arts degree, a student must have a cumulative grade point average of at least 3.00. Students must also submit an application for degree, available from the School of Continuing Studies Dean's office, at the beginning of the semester in which the student plans to complete all required coursework.

ACADEMIC PROGRESS REQUIREMENTS

Students admitted to the MLA program must maintain an overall grade point average of 3.00 or

better to be considered in good academic standing. Students whose grade point average falls below 3.00 will be placed on academic probation and limited to a maximum of six credit hours in the subsequent semester. Students will be removed from academic probation when they earn an overall grade point average of at least 3.00.

Students may apply one "B-" toward degree requirements; however, students who earn a second "B-" will be dismissed from the program. Students who receive a grade of "C+" in any coursework attempted will be dismissed from the program.

TRANSFER CREDITS

Students in good standing may petition to transfer a maximum of nine credit hours (three courses) of graduate coursework from other colleges or universities to the MLA degree. However, only courses with grades of "B" or better, completed within five years of enrolling in the MLA program, may be considered for transfer credit.

GRADUATE FACULTY

The Graduate Faculty of the School of Continuing Studies consists of the Dean of the School of Continuing Studies, the Director of the MLA program, and other faculty members who have experience teaching MLA students.

TUITION

Tuition for the 2014-2015 academic year is \$1,578 for a three-credit course. For the 2015-2016 academic year, tuition is \$1,656 for a three-credit course.

Louisiana Studies

The Minor in Louisiana Studies draws on the considerable resources of Tulane faculty who specialize in the study of Louisiana, its people, and culture, and on the Howard-Tilton Library, which has a substantial Louisiana collection.

MINOR IN LOUISIANA STUDIES

Core Requirements

Select three courses:

- HISL/HISU 3470 Colonial Louisiana
- HISU 3480 Louisiana History
- HISU 3930 Special Offering: United States*
- HISU 3940 Special Offering: United States*

Select two courses:

- CSAN 3250 Historical Anthropology of New Orleans
- CSAR 1230 New Orleans Architecture
- CSAR 2020 Restoring Louisiana
- EENS 2060 Introductory Geography
- ENLS 4010 Special Offering*
- MUSC 1890 Music in New Orleans
- Any LOUS course

Management

Tulane's School of Continuing Studies offers a Certificate in Management upon completion of the courses specified below. All courses required for this certificate must be taken at Tulane's School of Continuing Studies. Courses presented for this certificate requires a "C" or better.

MANAGEMENT CERTIFICATE OF COMPLETION

Requirements

- BSMT 2310 Principles of Management
- BSBL 3400 Legal Aspects of Business

Marketing

ASSOCIATE OF ARTS IN MARKETING

Core Competencies

- ENGL 1010 Writing
Select one course:
- MATH 1110
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics (recommended)
- CPST 1070 Math for Information Technology

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements

- Humanities, 6 credits
- Sciences, 6 credits
- Social Sciences - Select one course
- ECON 1010 Introductory Microeconomics
- CSEC 1000 Economics for Non-Majors
- CSEC 1010 Introductory Microeconomics (online)

Writing Requirement

- Designated writing course (CSEN 3310 Business Report Writing recommended)

Major Requirements

- BSAC 1110 Elementary Accounting I
Select one course:
- BSMT 2310 Principles of Management
- BSMT 3340 Managing Organizational Behavior
- BSMT 3700 Global Business
- BSMT 2250 Business Communications
- BSMK 3200 Intro to Marketing Principles
- BSMK 3300 Consumer Behavior
- BSMK 3400 Advertising I
- BSMK 3410 Advertising II
- BSMT 3750 Business Internship (taken in last year)

General Electives

- As needed to total 60 credits (computer course recommended)

MINOR IN MARKETING

Minor Requirements

- BSMT 2250 Business Communications
- BSMK 3200 Intro to Marketing Principles
- BSMK 3300 Consumer Behavior
- BSMK 3400 Advertising I
- BSMK 3410 Advertising II
- Select one course:
 - BSMT 2310 Principles of Management
 - BSMT 3340 Managing Organizational Behavior
 - BSMT 3700 Global Business

MARKETING POST-BACCALAUREATE CERTIFICATE

Students must have a 2.0 grade point average in all required coursework. Half of all the required 24 credits must be completed at Tulane. Courses taken for a Baccalaureate Degree will not be accepted for transfer credit towards the PBC program. Only those courses successfully completed, "C" or better, after a student received a Baccalaureate Degree will be considered for transfer credit.

Core Requirements

- BSAC 1110 Elementary Accounting I
- Select one course:
 - BSMT 2310 Principles of Management
 - BSMT 3340 Managing Organizational Behavior
- BSMT 2250 Business Communications
- BSMK 3200 Intro to Marketing Principles
- BSMK 3300 Consumer Behavior
- BSMK 3400 Advertising I
- BSMK 3410 Advertising II
- BSMT 3750 Business Internship (taken in last year)

There is a 27-credit limit on the number of business courses a student in the School of Continuing Studies may take. NOTE: Business courses at the School of Continuing Studies are not transferable to A.B. Freeman School of Business.

MARKETING CERTIFICATE OF COMPLETION

NOTE: All courses required for this certificate must be taken at Tulane's School of Continuing

Studies. Courses presented for this certificate requires a "C" or better.

Requirements

- BSMK 3200 Intro to Marketing Principles
- BSMK 3400 Advertising I

New Business Ventures

Tulane's School of Continuing Studies offers a Certificate in New Business Ventures upon completion of the courses specified below. All courses required for this certificate must be taken at Tulane's School of Continuing Studies. Courses presented for this certificate requires a "C" or better.

NEW BUSINESS VENTURES CERTIFICATE OF COMPLETION

Requirements

- BSMT 2310 Principles of Management
- HRDV 3330 Introduction to Human Resource Management
select one course:
- BSBL 3400 Legal Aspects of Business
- BSBL 3450 Commercial Law (*fulfills the CPA commercial law course requirement*)
- BSMT 3700 Global Business
Select one course:
- BSMK 3200 Introduction to Marketing
- BSMK 3400 Advertising I

Paralegal Studies

The Paralegal Studies Program at Tulane University's School of Continuing Studies is a college credit program, established in 1979. The Program was first granted approval by the American Bar Association (ABA) in 1981 and is the oldest approved program in this region. The School of Continuing Studies offers Bachelors and Associate of Arts degrees in Paralegal Studies, and a Post-Baccalaureate Certificate of Paralegal Studies. A minor in Paralegal Studies is also available, but is not accredited by the ABA.

What is a paralegal? According to the American Bar Association, a paralegal is:

"a person qualified by education, training or work experience who is employed or retained by a lawyer, law office, corporation, governmental agency or other entity and who performs specifically delegated substantive legal work for which a lawyer is responsible."

Paralegals are not lawyers and do not practice law. Under the supervision of attorneys, paralegals work in large and small law firms, courts, banks, corporations, legislative offices, administrative agencies, non-profit advocacy organizations, and other legal services providers.

Tulane's Paralegal Studies Program prepares our students to become efficient, effective, and ethical professional paralegals. Our program encourages diversity in our student body and faculty, and we are committed to equal opportunity in our placement program. Our dedicated adjunct faculty members work hard to ensure that our graduates are prepared to succeed in today's competitive legal employment arena. In the Paralegal Practicum course, taken during the last semester of study, each student may acquire valuable hands-on paralegal experience by working as an intern in a law office.

Upon successful completion of the Paralegal Studies Program, our graduates are able to:

1. Enjoy the benefits of a comprehensive college education, with proficiency in writing, formal thought, and oral communications; and exposure to a variety of disciplines, including the humanities, sciences, social sciences, and critical thinking.
2. Perform factual investigations and legal research, using both traditional and computer-based methods.
3. Understand not only the state and federal civil, criminal, and administrative court systems at the trial and appellate levels, but also alternative dispute resolution methods.
4. Analyze factual situations, follow applicable legal procedures, and draft the legal documents necessary for state and federal practice.
5. Make effective use of the varied and ever-evolving computer software products that law offices typically employ to assist in litigation support, legal research, case management, and other functions.
6. Categorize and organize documents, categorize documents for discovery and trial, manage office calendars and dockets, prepare a variety of legal forms, and perform the myriad tasks essential to any successful law office.
7. Understand and comply with the principles of legal ethics in all matters.
8. Enjoy and pursue lifelong learning and ongoing professional development.

The Paralegal Studies Program offers job placement assistance, maintaining a job bank and a ListServ to connect students and alumni with new openings. At the paralegal lending library on

the Elmwood Campus, students may borrow books on a variety of topics, ranging from job search skills and career development to substantive areas of law. Students may earn a Certificate in Paralegal Studies by completing 1) an Associate of Arts degree in Paralegal Studies; 2) a Bachelor of Arts degree in Paralegal Studies; or 3) a Post-Baccalaureate Certificate in Paralegal Studies (open to students who already hold a Bachelor of Arts degree from an accredited institution).

Students also may pursue a minor in Paralegal Studies, but must be aware that, unlike the as noted above, this degree program is not approved by the ABA. Further, students who minor in paralegal Studies do not receive a Certificate of Paralegal Studies upon completion of the requirements.

It is not only required, but also important that all students acquire a solid grounding in general education courses before enrolling in paralegal coursework. Before enrolling in any Paralegal Studies course, each student must complete a first-year English composition course (ENGL 1010 at Tulane or an approved equivalent from another institution that meets Tulane's criteria for credit transfers). Paralegal Studies majors with no previous college coursework take general education courses during their first semester of studies.

Note:

Before registering for classes, each new student must meet with the Paralegal Studies advisor to discuss Program requirements, course prerequisites and sequencing, and other issues relevant to academic progress and success.

BACHELOR OF ARTS IN PARALEGAL STUDIES

To earn the Bachelor of Arts (B.A.) in Paralegal Studies, a student must complete a total of 120 credit hours of coursework. These include 36 credits (twelve classes) in Paralegal Studies, beginning with the six Core Courses that students in all Paralegal Studies degree programs must complete. (See Core Courses in Paralegal Studies, below). Students then take five advanced Paralegal Studies elective courses at or above the 4000-level. A variety of advanced electives are offered on a rotating basis each semester. Students must complete the Core Courses before registering for advanced electives. Students who previously have earned an Associate of Arts degree in Paralegal Studies at the School of Continuing Studies will have completed all but two of the advanced electives required for the major.

In addition to the Paralegal Studies courses required for the major, students must complete the School of Continuing Studies general education requirements for the B.A. degree.

In their final semester, students may seek approval to enroll in PARA 5900 - Paralegal Practicum, which requires completion of a 100-hour internship in a law office. Students with paralegal experience and expertise may, with the Director's approval, be eligible to waive the Practicum and replace it with an additional upper-level elective.

To complete the degree, students must achieve a 2.000 grade-point average in the Paralegal Studies courses and overall.

Core Courses in Paralegal Studies:

Requirements for the Associate of Arts, the Bachelor of Arts, and the Post-Baccalaureate Certificate in Paralegal Studies include the following sequence of 6 Core Courses:

PARA 2010 - Introduction to Paralegal Studies
PARA 3020 - Legal Research
PARA 3030 - Legal Writing
PARA 3050 - Litigation I
PARA 3060 - Litigation II
PARA 3070 - Computers in the Law Firm

Sequence of courses:

ENGL 1010 - Writing must be completed before enrollment in any Paralegal Studies course.
PARA 3020 - Legal Research is a prerequisite to PARA 3030 - Legal Writing
PARA 3050 - Litigation I is a prerequisite to PARA 3060 - Litigation II
CPST 1000 - Introduction to Microcomputers or Director approval is a prerequisite to PARA 3070 - Computers in the Law Firm.

It is both important and required that each student acquire a solid grounding in general education courses before enrolling in Paralegal Studies coursework. As a pre-requisite to any Paralegal Studies course, each student must complete a first-year English composition course (ENGL 1010 at Tulane or an approved equivalent from another institution that meets Tulane's criteria for credit transfers). Paralegal Studies majors with no previous college coursework take general education courses during their first semester of studies.

Before registering for classes, each new student must meet with the Paralegal Studies advisor to discuss Paralegal Studies Program requirements, course prerequisites and sequencing, and other issues relevant to academic progress and success. The adviser also will complete a degree worksheet with each student, charting a path for successful completion of the degree.

ASSOCIATE OF ARTS IN PARALEGAL STUDIES

Students with little or no previous college experience are advised to pursue the Associate of Arts degree (A.A.), which requires 60 credits of coursework, and then to continue working toward the Bachelor of Arts degree (B.A.) which requires 120 credits of coursework. All coursework for the A.A. applies toward the B.A. degree.

To earn the A.A. degree in Paralegal Studies, a student must complete a total of 60 credit hours of coursework. These include 30 credits (ten classes) in Paralegal Studies, beginning with the six Core Courses those students in all Paralegal Studies degree programs must complete. (See Core Courses in Paralegal Studies, below). Students then take three Paralegal Studies advanced elective courses at or above the 4000-level, which are offered on a rotating basis each semester. Students must complete the Core Courses before registering for advanced electives.

In addition to the Paralegal Studies courses required for the major, students must complete the School of Continuing Studies general education requirements for the B.A. degree.

In the final semester of enrollment, students may seek approval to enroll in PARA 5900 -

Paralegal Practicum, which requires completion of a 100-hour internship in a law office. Students with paralegal experience and expertise may, with the Director's approval, be eligible to waive the Practicum and replace it with an additional upper-level elective.

Upon completion of the requirements for the A.A. degree, the student earns a Certificate in Paralegal Studies. To complete the A.A. degree, the student must maintain a 2.000 grade point average in all Paralegal Studies courses and overall.

Our Paralegal Studies Program is designed to encourage and enable students to continue improving their skills, increasing their knowledge and aspiring to higher goals. Thus, after completing the requirements for the A.A. degree and Certificate of Paralegal Studies, many of our students continue to pursue the B.A. while working in law offices and gaining the experience necessary to advance within the paralegal profession.

Core Courses in Paralegal Studies:

Requirements for the Associate of Arts, the Bachelor of Arts, and the Post-Baccalaureate Certificate in Paralegal Studies include the following sequence of 6 Core Courses:

- PARA 2010 - Introduction to Paralegal Studies
- PARA 3020 - Legal Research
- PARA 3030 - Legal Writing
- PARA 3050 - Litigation I
- PARA 3060 - Litigation II
- PARA 3070 - Computers in the Law Firm

Sequence of courses:

- ENGL 1010 - Writing must be completed before enrollment in any Paralegal Studies course.
- PARA 3020 - Legal Research is a prerequisite to PARA 3030 - Legal Writing
- PARA 3050 - Litigation I is a prerequisite to PARA 3060 - Litigation II
- CPST 1000 - Introduction to Microcomputers or Director approval is a prerequisite to PARA 3070 Computers in the Law Firm.

Note(s):

It is both important and required that each student acquire a solid grounding in general education courses before enrolling in Paralegal Studies coursework. As a pre-requisite to any Paralegal Studies course, each student must complete a first-year English composition course (ENGL 1010 at Tulane or an approved equivalent from another institution that meets Tulane's criteria for credit transfers). Paralegal Studies majors with no previous college coursework take general education courses during their first semester of studies.

Before registering for classes, each new student must meet with the Paralegal Studies advisor to discuss Paralegal Studies Program requirements, course prerequisites and sequencing, and other issues relevant to academic progress and success. The adviser also will complete a degree worksheet with each student, charting a path for successful completion of the degree.

MINOR IN PARALEGAL STUDIES

Students may elect to pursue a minor in Paralegal Studies while working toward a Bachelor's degree in another field. Students who choose this option do not receive a Certificate in Paralegal Studies. Students who wish to earn the Certificate may either pursue a double major that includes Paralegal Studies or complete the Post-Baccalaureate Certificate after graduation. The Paralegal Studies Minor is not designed to educate students to work as paralegals and is not an approved program option under the Guidelines of the American Bar Association's Standing Committee on Paralegals.

Six courses are required for the minor:

- PARA 2010 Introduction to Paralegal Studies
- PARA 3020 Legal Research
- PARA 3030 Legal Writing*
- PARA 3050 Litigation I
- Two advanced elective courses in paralegal studies (4000+ level)

Note(s):

Before registering for classes, each new student must meet with the Paralegal Studies advisor to discuss Program requirements, course prerequisites and sequencing, and other issues relevant to academic progress and success.

To complete the Minor, a student must maintain a 2.000 grade-point average in all Paralegal Studies courses

PARALEGAL STUDIES POST-BACCALAUREATE CERTIFICATE

Students who previously earned a bachelor's degree from an accredited institution may pursue the Post-Baccalaureate Certificate (P.B.C.) in Paralegal Studies. This program allows college graduates to complete a focused, intensive course of study and emerge ready for paralegal employment.

To earn the P.B.C., students must complete nine paralegal classes, six of which are the Core Courses in Paralegal Studies that Paralegal Studies students in all degree programs must complete. (See Core Courses in Paralegal Studies, below). In addition students seeking the P.B.C. must complete two advanced elective courses and PARA 5900 - Paralegal Practicum, which requires completion of a 100-hour internship in a law office. Students with paralegal experience and expertise may, with the Director's approval, be eligible to waive the Practicum and replace it an additional upper-level elective.

To receive the Post-Baccalaureate Certificate, each student must maintain a 2.000 grade-point average in all Paralegal Studies courses.

Core Requirements

Requirements for the Associate of Arts, the Bachelor of Arts, and the Post-Baccalaureate Certificate in Paralegal Studies include the following sequence of 6 core courses:

- PARA 2010 Introduction to Paralegal Studies
- PARA 3020 Legal Research
- PARA 3030 Legal Writing
- PARA 3050 Litigation I
- PARA 3060 Litigation II
- PARA 3070 Computers in the Law Firm
- Two Paralegal Courses 4000+ level (taken only after the completion of the Paralegal courses above)
- PARA 5900 Paralegal Practicum (final semester, includes 100-hour internship requirement)

Sequence of courses:

- ENGL 1010 - Writing must be completed before enrollment in any Paralegal Studies course.
- PARA 3020 - Legal Research is a prerequisite to PARA 3030 - Legal Writing
- PARA 3050 - Litigation I is a prerequisite to PARA 3060 - Litigation II
- CPST 1000 - Introduction to Microcomputers or Director approval is a prerequisite to PARA 3070 Computers in the Law.

Note(s):

Before registering for classes, each new student must meet with the Paralegal Studies advisor to discuss Program requirements, course prerequisites and sequencing, and other issues relevant to academic progress

and success.

To complete the Post- Baccalaureate Certificate successfully, a student must maintain a 2.000 grade-point average in all Paralegal Studies courses

Public Relations

BACHELOR OF ARTS IN PUBLIC RELATIONS

Core Competencies

- ENGL 1010 Writing
Select one course:
- Math
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics (recommended)
- CPST 1070 Math for Information Technology

- Foreign Language or non-Western Culture, 6-8 credits

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements (at least two disciplines per category)

- Humanities, 12 credits
- Sciences, 12 credits
- Social Sciences, 12 credits

Writing Requirement

- Designated writing course

Major Requirements

- MDAR 1010 Intro to Media Arts
- MDAR 2610 Principles of Public Relations
- MDAR 3610 Public Relations Campaigns
- MDAR 3650 Internet Public Relations
- JOUR 2010 Intro to Journalism
- MDAR 2050 Media and the Law
- MDAR 2650 Public Relations Writing
Select one course:
- MDAR 2100 Visual Communication
- MDAR 2350 Graphic Design I
- MDAR 2810 Web Design
Select one course:
- MDAR 2010 Ethical Issues in the Media

- BSMT 3380 Business Ethics
- MDAR 5010 Media Arts Internship

Minor (optional)

- Varies according to minor chosen

General Electives

- As needed to total 120 credits

ASSOCIATE OF ARTS IN PUBLIC RELATIONS

Core Competencies

- ENGL 1010 Writing
Select one course:
- Math
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics (recommended)
- CPST 1070 Math for Information Technology

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements

- Humanities, 3 credits
- Sciences, 3 credits
- Social Sciences, 3 credits

Writing Requirement

- Designated writing course

Major Requirements

- MDAR 1010 Intro to Media Arts
- MDAR 2610 Principles of Public Relations
- MDAR 3610 Public Relations Campaigns
- MDAR 2050 Media and the Law
- MDAR 2650 Public Relations Writing

Select one course:

- MDAR 2010 Ethical Issues in the Media
- BSMT 3380 Business Ethics

Select one course:

- JOUR 2010 Intro to Journalism
- MDAR 2100 Visual Communication
- MDAR 2350 Graphic Design I
- MDAR 2810 Web Design

General Electives

- As needed to total 60 credits

MINOR IN PUBLIC RELATIONS

Minor Requirements

- MDAR 2650 Public Relations Writing
- MDAR 2610 Principles of Public Relations
- MDAR 3610 Public Relations Campaigns
- MDAR 3650 Internet Public Relations

Select one course:

- MDAR 2010 Ethical Issues in the Media
- BSMT 3380 Business Ethics

Select one course:

- MDAR 2100 Visual Communications
- JOUR 2010 Introduction to Journalism
- MDAR 2050 Media and the Law

PUBLIC RELATIONS POST-BACCALAUREATE CERTIFICATE

Post-Baccalaureate Certificates (awarded only to students already holding a BA or BS) in all Media Arts disciplines are composed of the major courses for the BA.

Core Requirements

- MDAR 1010 Intro to Media Arts
- MDAR 2610 Principles of Public Relations
- MDAR 3610 Public Relations Campaigns
- MDAR 3650 Internet Public Relations
- JOUR 2010 Intro to Journalism
- MDAR 2050 Media and the Law
- MDAR 2650 Public Relations Writing

Select one course:

- MDAR 2100 Visual Communication
- MDAR 2350 Graphic Design I

- MDAR 2810 Web Design
Select one course:
- MDAR 2010 Ethical Issues in the Media
- BSMT 3380 Business Ethics

- MDAR 5010 Media Arts Internship

Sciences

BACHELOR OF SCIENCE

Core Competencies

- ENGL 1010 Writing
or
- CSEN 1250 Writing
- Mathematics (additional restrictions apply - consult your academic adviser), 6-8 credits
- Foreign Language or non-Western Culture, 6-8 credits

Distribution Requirements

- Fine Arts, 3 credits
- Humanities, 3 credits
- Fine Arts or Humanities, 3 credits
- Sciences, 6 credits
- Lab Science, 4 credits
- Social Sciences, 9 credits

Writing Requirement

- Intensive writing course

Cultural Requirements

- Perspectives in the European Tradition, 3 credits
- Perspectives Outside the European Tradition/Comparative Cultures and International Perspectives, 3 credits

Major Requirements

- Varies according to major chosen, 30-36 credits

Minor (optional)

- Not required for LAS majors

General Electives

- As needed to total 120 credits

Small Business Development

ASSOCIATE OF ARTS IN SMALL BUSINESS DEVELOPMENT

Core Competencies

- ENGL 1010 Writing
or
- CSEN 1250 Writing
Select one course:
- MATH 1110
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics (recommended)
- CPST 1070 Math for Information Technology

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements (at least two disciplines per category)

- Humanities, 6 credits
- Sciences, 6 credits
- Social Sciences - Select one course:
- ECON 1010 Introductory Microeconomics
- CSEC 1000 Economics for Non-Majors
- CSEC 1010 Introductory Microeconomics (online)

Writing Requirement

- Designated writing course (CSEN 3310 Business Report Writing recommended)

Major Requirements

- BSAC 1110 Elementary Accounting I
- Select one course:
- BSMT 2310 Principles of Management
- BSMT 3340 Managing Organizational Behavior
- BSMT 3700 Global Business
Select one course:
- BSBL 3400 Legal Aspects of Business
- BSBL 3450 Commercial Law (*fulfills the CPA commercial law course requirement*)

- BSMT 3650 Developing a Small Business
- BSMT 2250 Business Communication
- BSMK 3200 Intro to Marketing Principles
- BSMT 2750 Introduction to Franchising
- BSMT 3750 Business Internship (taken in last year)

General Electives

- As needed to total 60 credits (computer course recommended)

MINOR IN SMALL BUSINESS DEVELOPMENT (USBD)

Minor Requirements

- BSAC 1110 Elementary Accounting I
Select one course:
- BSMT 2310 Principles of Management
- BSMT 3340 Managing Organizational Behavior
- BSMT 3700 Global Business
- BSMT 2250 Business Communication
- BSMT 3650 Developing a Small Business
- BSMT 2750 Introduction to Franchising
- BSMK 3200 Intro to Marketing Principles

SMALL BUSINESS DEVELOPMENT POST-BACCALAUREATE CERTIFICATE

Students must have a 2.0 grade point average in all required coursework. Half of all the required 24 credits must be completed at Tulane. Courses taken for a Baccalaureate Degree will not be accepted for transfer credit towards the PBC program. Only those courses successfully completed, "C" or better, after a student received a Baccalaureate Degree will be considered for transfer credit.

Core Requirements

- BSAC 1110 Elementary Accounting I
- Select one course:
- BSMT 2310 Principles of Management
- BSMT 3340 Managing Organizational Behavior
- Select one course:
- BSBL 3400 Legal Aspects of Business
- BSBL 3450 Commercial Law (*fulfills the CPA commercial law course requirement*)
- BSMT 3650 Developing a Small Business

- BSMT 2250 Business Communication
- BSMK 3200 Intro to Marketing Principles
- BSMT 2750 Introduction to Franchising
- BSMT 3750 Business Internship (taken in last year)

There is a 27-credit limit on the number of business courses a student in the School of Continuing Studies may take. NOTE: Business courses at the School of Continuing Studies are not transferable to A.B. Freeman School of Business.

Social Sciences

BACHELOR OF ARTS IN SOCIAL SCIENCES

Core Competencies

- ENGL 1010 Writing
or
- CSEN 1250 Writing
Select one course:
- MATH 1110
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics (recommended)
- CPST 1070 Math for Information Technology

- Foreign Language or non-Western Culture, 6-8 credits

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements (at least two disciplines per category)

- Humanities, 12credits
- Sciences, 12 credits
- Social Sciences, 12 credits

Writing Requirement

- Designated writing course

Major Requirements

- Four Social Science courses (any level)
- Six Social Science courses (3000+ level)

Minor (optional)

- Varies according to minor chosen

General Electives

- As needed to total 120 credits

ASSOCIATE OF ARTS IN SOCIAL SCIENCES

Core Competencies

- ENGL 1010 Writing
or
- CSEN 1250 Writing

Select one course:

- MATH 1110
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics (recommended)
- CPST 1070 Math for Information Technology

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements (at least two disciplines per category)

- Humanities, 6 credits
- Sciences, 6 credits
- Social Sciences, 6 credits

Major Requirements

- Three Social Science courses (any level)
- Three Social Science courses (3000+ level)

General Electives

- As needed to total 60 credits

Website Development

BACHELOR OF ARTS IN WEBSITE DEVELOPMENT

Core Competencies

- ENGL 1010 Writing
or
- CSEN 1250 Writing
Select one course:
- MATH 1110
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics (recommended)
- CPST 1070 Math for Information Technology

- Foreign Language or non-Western Culture, 6-8 credits

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements (at least two disciplines per category)

- Humanities, 12credits
- Sciences, 12 credits
- Social Sciences, 12 credits

Writing Requirement

- Designated writing course

Major Requirements

- MDAR 1010 Intro to Media Arts
- MDAR 2200 Digital Illustration
- MDAR 2300 Digital Imaging
Select one course:
- CPST 2400 Webpage Design & Development
- MDAR 2810 Web Design

- CPST 3410 Website Development with JavaScript
Select one course:
- MDAR 2010 Ethical Issues in the Media
- MDAR 2050 Media and the Law

- BSMT 2750 Introduction to Franchising
- MDAR 4320 Digital Portfolio
- Select one course:
- MDAR 2350 Graphic Design I
- MDAR 3200 Animation I
- CPST 3400 Website Development with XML/XHTML
- CPST 3420 Website Development with CGI/Perl
- CPST 3430 Website Development with ASP

- MDAR 5010 Media Arts Internship

Minor (optional)

- Varies according to minor chosen

General Electives

- As needed to total 120 credits

ASSOCIATE OF ARTS IN WEBSITE DEVELOPMENT

Core Competencies

- ENGL 1010 Writing
- or
- CSEN 1250 Writing
- Select one course:
- MATH 1110
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics (recommended)
- CPST 1070 Math for Information Technology

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements (at least two disciplines per category)

- Humanities, 3 credits
- Sciences, 3 credits
- Social Sciences, 3 credits

Writing Requirement

- Designated writing course

Major Requirements

- MDAR 1010 Intro to Media Arts
- ENLS 2630 Expository Writing
- MDAR 2200 Digital Illustration
- MDAR 2300 Digital Imaging
- Select one course:
- CPST 2400 Webpage Design & Development
- MDAR 2810 Web Design

- CPST 3410 Website Development with JavaScript
- Select one course:
- MDAR 2010 Ethical Issues in the Media
- MDAR 2050 Media and the Law

- BSMT 2750 Introduction to Franchising

General Electives

- As needed to total 60 credits

MINOR IN WEBSITE DEVELOPMENT

Minor Requirements

- Select one course:
- CPST 2400 Webpage Design & Development
- MDAR 2810 Web Design

- CPST 3410 Website Development with JavaScript
- MDAR 2300 Digital Imaging
- MDAR 2350 Graphic Design I
- Select one course:
- CPST 3420 Website Development with CGI/Perl
- CPST 3430 Website Development with ASP
- Select one course:
- MDAR 2200 Digital Illustration
- MDAR 3350 Graphic Design II
- BSMT 2750 Introduction to Franchising

WEBSITE DEVELOPMENT POST-BACCALAUREATE CERTIFICATE

Post-Baccalaureate Certificates (awarded only to students already holding a BA or BS) in all Media Arts disciplines are composed of the major courses for the BA.

Core Requirements

- MDAR 1010 Intro to Media Arts
- MDAR 2200 Digital Illustration
- MDAR 2300 Digital Imaging
- Select one course:
- CPST 2400 Webpage Design & Development
- MDAR 2810 Web Design

- CPST 3410 Website Development with JavaScript
- Select one course:
- MDAR 2010 Ethical Issues in the Media
- MDAR 2050 Media and the Law

- BSMT 2750 Introduction to Franchising
- MDAR 4320 Digital Portfolio
- Select one course:
- MDAR 2350 Graphic Design I
- MDAR 3200 Animation I
- CPST 3400 Website Development with XML/XHTML
- CPST 3420 Website Development with CGI/Perl
- CPST 3430 Website Development with ASP

- MDAR 5010 Media Arts Internship

Health and Wellness

Tulane's School of Continuing Studies offers a Bachelor of Arts and a Minor in Health and Wellness.

BACHELOR OF ARTS IN HEALTH AND WELLNESS

The requirements for the degree are as follows.

Core Competencies

- ENGL 1010 Writing
Select one course:
- Math
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics
- CPST 1070 Math for Information Technology

- Foreign Language or non-Western Culture, 6-8 credits

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements (at least two disciplines per category)

- Humanities, 12 credits
- Sciences, 12 credits
- Social Sciences, 12 credits

Writing Requirement

- Designated writing course

Major Requirements

- HLWL 1800 Wellness in Contemporary American Society
- HLWL 2010 Social Aspects of Health
- HLWL 2220 Mind and Body Health
- HLWL 2230 Stress Management
Select six courses:
- HLWL 2330 Nutrition and Behavior
- HLWL 3110 Exercise and Sport Psychology
- HLWL 3220 Global Health

- HLWL 3250 Issues in Women's and Men's Health
- HLWL 3330 Exercise, Nutrition, and Aging
- HLWL 3500 Cultural Differences in Healing
- HLWL 3600 Economics of Health and Wellness
- HLWL 4010 Catastrophic Illnesses and Injuries
- HLWL 4050 Mass Media and Health
- HLWL 4200 Mental Health
- HLWL 4600 Wellness Coaching: Overcoming Resistance to Change
- HMLS 3150/6150 Health and Medical Issues in Emergency Management
- HLWL 5001 Internship

Minor (optional)

- Varies according to minor chosen

General Electives

- As needed to total 120 credits

ASSOCIATE OF ARTS IN HEALTH AND WELLNESS

- ENGL 1010 Writing
Select one course:
- Math
- PHIL 1060 Critical Thinking
- PHIL 1210 Elementary Symbolic Logic
- BSMT 3250 Business Statistics
- CPST 1070 Math for Information Technology

Supporting Requirement: Oral Communications - Select one course:

- SPEC 1400 Intro to Public Speaking
- SPEC 3110 Small Group Communications
- THEA 2100 Fundamentals of Acting
- BSMT 2250 Business Communications

Distribution Requirements:

- Humanities, 6 credits
- Sciences, 6 credits
- Social Sciences, 6 credits

Writing Requirement

- Designated writing course

Major Requirements

- HLWL 1800 Wellness in Contemporary American Society
- HLWL 2010 Social Aspects of Health
- HLWL 2220 Mind and Body Health
- HLWL 2230 Stress Management

Select four courses:

- HLWL 2330 Nutrition and Behavior
- HLWL 3001 Special Topics: The Human Body
- HLWL 3110 Exercise and Sport Psychology
- HLWL 3220 Global Health
- HLWL 3250 Issues in Women's and Men's Health
- HLWL 3330 Exercise, Nutrition, and Aging
- HLWL 3500 Cultural Differences in Healing
- HLWL 3600 Economics of Health and Wellness
- HLWL 4010 Catastrophic Illness and Injuries
- HLWL 4050 Mass Media and Health
- HLWL 4200 Mental Health
- HLWL 4600 Wellness Coaching

General Electives

- As needed to total 60 credits

MINOR IN HEALTH AND WELLNESS

Minor Requirements

Select three courses:

- HLWL 1800 Wellness in Contemporary American Society
- HLWL 2010 Social Aspects of Health
- HLWL 2220 Mind and Body Health
- HLWL 2230 Stress Management

Select three courses:

- HLWL 2330 Nutrition and Behavior
- HLWL 3110 Exercise and Sport Psychology
- HLWL 3220 Global Health
- HLWL 3250 Issues in Women's and Men's Health
- HLWL 3330 Exercise, Nutrition, and Aging
- HLWL 3500 Cultural Differences in Healing
- HLWL 3600 Economics of Health and Wellness
- HLWL 4010 Catastrophic Illnesses and Injuries
- HLWL 4050 Mass Media and Health
- HLWL 4200 Mental Health
- HLWL 4600 Wellness Coaching: Overcoming Resistance to Change

POST-BACCALAUREATE CERTIFICATE IN HEALTH AND WELLNESS

Core Requirements

- HLWL 1800 Wellness in Contemporary American Society
- HLWL 2010 Social Aspects of Health
- HLWL 2220 Mind and Body Health
- HLWL 2230 Stress Management

Select one course:

- HLWL 2330 Nutrition and Behavior
- HLWL 3330 Exercise, Nutrition, and Aging

Select three courses:

- HLWL 3001 Special Topics: The Human Body
- HLWL 3220 Global Health
- HLWL 3500 Cultural Differences in Healing
- HLWL 4010 Catastrophic Illness and Injuries
- HLWL 4050 Mass Media and Health
- HLWL 4200 Mental Health
- HLWL 4600 Wellness Coaching