



THE UNIVERSITY OF BRITISH COLUMBIA

UBC Vancouver

ACADEMIC

CALENDAR

2021/22

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Creative Writing
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Curriculum Studies
Digital Media
Early Childhood Education
Economics
Educational Administration and Leadership
Educational Leadership and Policy
Educational Studies
Educational Technology
Electrical and Computer Engineering
Engineering Physics
English
Experimental Medicine
Film Production
Film Production/Creative Writing
Food Science
Forestry
French
Gender, Race, Sexuality and Social Justice
Genetic Counselling
Genome Science and Technology



Geography
Geological Engineering
Geological Sciences
Geophysics
Germanic Studies
Global Surgical Care
Health, Outdoor and Physical Education
Higher Education
Hispanic Studies
History
Home Economics Education
Human Development, Learning, and Culture
Human Nutrition
Indigenous Education
Individual Joint Doctoral Programs
Interdisciplinary Oncology
Interdisciplinary Studies
Journalism
Kinesiology
Land and Food Systems, Integrated Studies in
Landscape Architecture
Language and Literacy Education
Law
Library and Information Studies
Library, Archival, and Information Studies
Linguistics
Literacy Education
M.D./Ph.D. (Combined Program)
Materials and Process Engineering
Materials Engineering
Mathematics
Mathematics Education
Measurement, Evaluation, and Research Methodology
Mechanical Engineering
Media and Technology Studies Education
Medical Genetics



Medical Physics
Microbiology and Immunology
Mining Engineering
Modern Language Education
Museum Education
Music
Music Education
Neuroscience
Nursing
Nutrition and Dietetics
Occupational Therapy
Occupational and Environmental Hygiene
Oceanography
Oceans and Fisheries
Pathology and Laboratory Medicine
Pharmaceutical Sciences
Pharmacology
Philosophy
Physical Therapy
Physics
Planning
Plant Science
Political Science
Population and Public Health
Psychology
Public Policy and Global Affairs
Rehabilitation Sciences
Religious Studies
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School and Applied Child Psychology
Science and Technology Studies
Science Education
Social Studies Education
Social Work
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Members



Introduction

Office of the Dean and Vice-Provost

S. Porter, Dean and Vice-Provost, Graduate and Postdoctoral Studies
J. Dierkes, Associate Dean, Funding
A. Murphy, Associate Dean, Strategic Initiatives
T. Rogers, Associate Dean, Faculty & Program Development
L. Sly, Associate Dean, Academic
L. Walker, Advisor to the Dean, Academic Integrity
J. Locher, Assistant Dean, Strategic Technologies and Business Initiatives
B. Morey, Assistant Dean, Student Administration and Awards

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Graduate and Postdoctoral Studies Website (<http://grad.ubc.ca>)

The Faculty of Graduate and Postdoctoral Studies' goal is to provide an outstanding educational experience for all graduate students and postdoctoral fellows at UBC. The Faculty oversees the academic quality and integrity of its graduate programs so that graduate students are provided with training in research and other scholarly activities of the highest standard. It is also responsible for the transparent, consistent, and equitable administration of graduate policies, programs, and awards; evaluation and quality assurance of graduate programs, resources, and outcomes; supporting the recruitment and retention of excellent graduate students from around the world; and providing outstanding opportunities for professional development of graduate students that enhance career options and contribute to a civil and sustainable society.

Operating within the Faculty of Graduate and Postdoctoral Studies, the Postdoctoral Fellows Office works closely with relevant units across campus to facilitate and further improve a positive postdoctoral experience for UBC postdoctoral fellows, their supervisors and departments. Specific activities include orientation events, professional development programming, advocacy, and oversight of a number of awards (including Banting) and the Killam PDF Research Prize.

The Faculty's administrative functions include: reviewing and processing new graduate programs, curriculum changes and graduate-level (500 to 699) courses; determining and verifying the admissibility of students applying for graduate programs; maintaining academic records; processing requests for transfer between programs, leaves of absence, reinstatements after interruptions of study, extensions after the maximum time-in-program has been exhausted; managing scholarship, fellowship, and award programs; assuring uniformity of practices and standards for doctoral orals; assisting departments and other units with recruitment of new graduate students; helping individual graduate students who encounter problems; determining whether graduate students are eligible to graduate; and managing submission of theses and dissertations.

The Faculty of Graduate and Postdoctoral Studies is home to the Interdisciplinary Graduate Studies Program (ISGP).

For more information about the roles of the Faculty and to view the Faculty's policies and procedures manual, visit Graduate and Postdoctoral Studies (<http://grad.ubc.ca>).

Admission

Admission > Doctoral Degrees

An applicant may apply for admission to the degree program by reviewing application requirements on the websites of the graduate program (<http://www.grad.ubc.ca/prospective-students/graduate-degree-programs>) and the Faculty of Graduate and Postdoctoral Studies (<http://www.grad.ubc.ca>), and completing the online application (<http://www.grad.ubc.ca/prospective-students/application-admission/apply-online>) available on the Faculty of Graduate and Postdoctoral Studies website.

Students are normally admitted to study only in fields that are formally authorized by Senate to offer doctoral programs. All applications must be accompanied by an application fee at the time of submission. Consult the Faculty of Graduate and Postdoctoral Studies (<http://grad.ubc.ca>) for current information on admissions and application fees.

The number of students that can be accommodated is limited and graduate programs will accept the best qualified students as vacancies occur. Most students begin their program of study at the start of the Winter Session (the beginning of September) but other start dates may be available, depending on the specific program. Limitations on the number of students that can be accommodated require that applicants be selected well before the start date. Students are encouraged to submit applications for admission as early as possible.

Applicants for the Doctor of Philosophy (Ph.D.), Doctor of Musical Arts (D.M.A.) and Doctor of Education (Ed.D.) must have completed one of the following requirements prior to admission:



1. In the case of the Ph.D., a master's degree (or equivalent) from an approved institution with clear evidence of research ability or potential, or in the case of the D.M.A., a master's degree (or equivalent) from an approved institution with outstanding ability in performance or composition.
2. In the case of the Ed.D., a master's degree in Education (or equivalent degree) from an approved institution.
3. A bachelor's degree with one year of study in a master's program with 9 credits at the 500-level or above and of first class standing. Students entering the doctoral program after partial completion of the master's degree must, during the first two years of study at the graduate level, complete a total of 12 credits with a first-class average (of which at least 9 credits must be at the 500-level or above and at least 9 credits must be of first-class standing) to maintain registration as a doctoral student. Also:
 1. (for Ph.D.) clear evidence of research ability or potential;
 2. (for Ph.D., Elementary Education) first class standing in Teacher Training or a B.Ed.;
 3. (for Ed.D.) first class standing and first class standing in such prerequisite work as may have been required, and five years professional experience; or
 4. (for D.M.A.) outstanding ability in performance or composition.

Transfer directly into a doctoral program is normally accomplished after completion of the first year of study at the master's level and will not be permitted after completion of the second year.

4. In exceptional cases, applicants who hold a bachelor's degree with an overall average in the A grade range and who demonstrate advanced research ability may be granted direct admission to a doctoral degree program on recommendation of the admitting graduate program and approval of the Dean of the Faculty of Graduate and Postdoctoral Studies. Students entering directly from a bachelor's degree must, during the first two years of study, complete a total of 12 credits with a first class average, of which at least 9 credits must be at the 500-level or above and at least 9 credits must be of first class standing, to maintain registration as a doctoral student.

Individuals of Aboriginal ancestry are encouraged to apply. Additional information for Aboriginal applicants to graduate programs can be found on the Faculty of Graduate and Postdoctoral Studies website (<http://www.grad.ubc.ca/aboriginal>).

Students with Credentials from International Institutions

Applications for admission to doctoral programs at UBC are welcomed and encouraged from students who hold a credential deemed comparable to a Canadian master's degree and who demonstrate superior academic standing. Specific minimum admission requirements established by the Faculty for graduates of different countries may be found at Graduate Studies Admissions (<http://grad.ubc.ca/prospective-students/application-admission>). These are minimum requirements; specific programs may have higher requirements.

English Language Proficiency Requirement

Applicants from a university outside Canada in which English is not the primary language of instruction must present evidence of competency to pursue studies in the English language prior to being extended an unconditional offer of admission. English language proficiency tests taken more than two years prior to application will not be considered. Unless otherwise stated, the score is the minimum on each part of the examination. Minimum scores must be achieved in a single sitting of the test (i.e., scores across multiple instances of a test may not be used to satisfy minimum component requirements). Minimum acceptable English language proficiency scores for applicants to Graduate Studies are:

- CAE (Certificate in Advanced English): B
- CAEL (Canadian Academic English Language Assessment): overall 70, with 60 on the speaking sub-test
- CEL (UBC Certificate in English Language): 600
- CELPIP (Canadian English Language Proficiency Index Program)
 - CELPIT-A (Academic Reading and Writing): 4L
 - CELL (Listening): 4L
 - CELTOP (Speaking): 4L
- CPE (Certificate of Proficiency in English): C
- IELTS (International English Language Testing System - Academic): 6.5 with no part less than 6.0
- MELAB (Michigan English Language Assessment Battery): 85 final score, with 3 in the speaking test
- PTE (Pearson Test of English - Academic): 65 overall score, with 60 reading, 60 writing, 60 listening, and 60 speaking
- TOEFL (Test of English as a Foreign Language)
 - either the paper based test: 55 each for reading, listening, and writing, with 4.0 on the Test of Written English (TWE);
 - or the internet-based test: 90 overall score, with 22 reading, 21 writing, 22 listening, and 21 speaking

Individual graduate programs may require higher English language proficiency scores than those listed above. See [English Language Proficiency Standards and GRE Requirements](#).

Conditional Admission Program

The Faculty of Graduate and Postdoctoral Studies may extend a conditional offer of admission to a highly-qualified graduate applicant who does not quite meet the minimum English language proficiency requirement set by the graduate program to which the student has applied.

A conditional admission allows a student to obtain a study permit (if necessary) and begin their studies in the UBC English Language Institute (ELI) or an equivalent institution approved by the Provost. Upon successful completion of the prescribed terms of study in the ELI Intensive Academic English Program (or pre-approved, equivalent alternative), the student will proceed directly into the graduate degree program.



To be eligible for the Conditional Admission Program (CAP), the applicant must:

- possess a "first-class average" (or established equivalent) in a degree deemed as an eligible basis for admission, OR have academic qualifications that would have ranked them in the top 33% of students admitted to the graduate program to which they are applying, for the year prior to the date of their application;
- have English language proficiency, demonstrated via an accepted test, that can reasonably be expected to be brought up to the standard required by the graduate program to which the student has applied by completing ELI (or accepted equivalent) training in no more than a year; and
- be recommended for the CAP by a UBC graduate program.

In recommending conditional admission, graduate programs guarantee a student admission at the date specified in the admission letter, assuming the student's successful completion of the terms of the ELI program (or approved equivalent). Students admitted via the CAP are not allowed to make academic progress toward their graduate degree before they successfully complete the English language training program and are admitted without condition to the graduate program.

Required Documentation

The following information is required for the application and admission process for the Faculty of Graduate and Postdoctoral Studies:

- Graduate Studies Application Form (online system).
- Application fee.
- Three confidential reference reports. Reports must be uploaded by the referees directly to the online application system, or sent by post (must contain original signature and be received in sealed envelopes endorsed by referees).
- Transcripts/Academic Records. Upon initial application, applicants must provide copies of their academic records for all postsecondary institutions they have attended. These required records (and translations if necessary) may initially be provided as electronic copies of official documents which are uploaded by the applicant to the online application system. Some graduate programs may also require official paper documents to be submitted as part of the initial application process. Conditional admission offers may be made based on unofficial documents. However, admission offers will not be finalized and applicants will not be allowed to register in a graduate program until all required official academic records are received and validated by the University. To finalize an admission offer and allow registration, official transcripts must be received by the University for every postsecondary institution an applicant has attended, unless otherwise indicated to an individual applicant by the Faculty of Graduate and Postdoctoral Studies. To be considered official, academic records must be received either in official university envelopes, sealed and endorsed by the issuing institution, or be sent via secure electronic delivery by the issuing institution. If transcripts are not issued in English, official academic records in original language and certified English translation are required (if originals cannot be obtained by applicant, then attested, certified copies of originals are acceptable). If the official transcript does not indicate the degree name and the degree conferral date, an official copy of the degree certificate is required.
- Evidence of adequate English proficiency where applicable (TOEFL, IELTS, or MELAB are all acceptable).
- Supplementary information as may be required by admitting graduate program (e.g. GRE, statement of intent, research proposal, etc.).

Types of Admission Offers

Admission to the Ph.D., D.M.A. or Ed.D. program will be in one of the following categories:

1. **Unconditional admission.** Granted when the applicant meets all admission requirements and all final official documentation has been received. Applicants who have a bachelor's degree, or its academic equivalent, which does not meet the requirements stated above, but who have had significant formal training and relevant professional experience to offset such deficiencies, may be granted admission on the recommendation of the appropriate graduate program or faculty and approval of the Dean of the Faculty of Graduate and Postdoctoral Studies.
2. **Conditional admission.** Contains condition(s) that must be met before an offer can be considered final. Such conditions may include the provision of official transcripts or other academic records, final documentation showing degree conferred, or completion of the terms of the Conditional Admission Program (Calendar page <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,19,916,0#18829>). Admission offers will not be finalized and an applicant will not be allowed to register in a graduate program until the University receives and validates the required official documentation which substantiates scanned documents previously submitted in the online system. The Letter of Admission stipulates deadlines as to when the conditions must be met. Failure to meet an admission condition by stated deadlines will normally result in an admission offer being revoked, or a student being required to withdraw from the program.

International Students

Students who are not Canadian citizens or permanent residents must apply for a study permit (student visa) to enter Canada. Applications can be made at any Canadian Consulate or High Commission.

Admission > Master's Degrees

An applicant may apply for admission to the degree program by reviewing application requirements on the websites of the graduate program (<http://www.grad.ubc.ca/prospective-students/graduate-degree-programs>) and the Faculty of Graduate and Postdoctoral Studies (<http://www.grad.ubc.ca>), and completing the online application (<http://www.grad.ubc.ca/prospective-students/application-admission/apply-online>) available on the Faculty of Graduate and Postdoctoral Studies website.

Students are admitted to study only in fields that are authorized by Senate to offer master's-level programs. All applications must be accompanied by an



application fee at the time of submission. Consult the Faculty of Graduate and Postdoctoral Studies for more information. The number of students that can be accommodated is limited, and graduate programs with limited facilities will accept the best-qualified students as vacancies occur.

Most students begin their program of study in September, but limitations on the number of students that can be accommodated require that applicants be selected well before this date. Students are encouraged to submit applications for admission as early as possible.

Students with a Bachelor's Degree from a Canadian or American Institution

Normally, applicants for a master's degree program must hold the academic equivalent of a four-year bachelor's degree from UBC with one of the following:

- A minimum overall average in the B+ range (76% at UBC) in third- and fourth-year level courses.
- Academic standing with at least 12 credits of third- or fourth-year level courses in the A grade range (80% or higher at UBC) in the field of study.
- Alternatively, applicants who do not meet the requirements stated above, but who have had significant formal training and relevant professional experience, and/or otherwise possess demonstrable knowledge or expertise that would prepare them adequately for successful study in a specific graduate program, may be granted admission on the recommendation of the appropriate graduate program and approval of the Dean of the Faculty of Graduate and Postdoctoral Studies.

Individuals of Aboriginal ancestry are encouraged to apply. Additional information for Aboriginal applicants to graduate programs can be found on the Faculty of Graduate and Postdoctoral Studies website (<http://www.grad.ubc.ca/prospective-students/aboriginal-students/>).

These are the minimum requirements for admission to the Faculty of Graduate and Postdoctoral Studies. Individual graduate programs may have additional admission requirements. Consult the graduate program listings in the Calendar to confirm the admission requirements for specific degree programs.

Students with a Bachelor's Degree from an International Institution

Applications for admission to the Faculty of Graduate and Postdoctoral Studies are welcomed and encouraged from students who hold a credential deemed academically equivalent to a four-year bachelor's degree from UBC and who demonstrate superior academic standing. Specific minimum admission requirements established by the Faculty of Graduate and Postdoctoral Studies for graduates of different countries may be found at Graduate Studies Admissions (<http://grad.ubc.ca/prospective-students/application-admission/admission-requirements>). These are minimum requirements; individual graduate programs may have additional admission requirements.

English Language Proficiency Requirement

Applicants from a university outside Canada in which English is not the primary language of instruction must present evidence of competency to pursue studies in the English language prior to being extended an unconditional offer of admission. English language proficiency tests taken more than two years prior to application will not be considered. Unless otherwise stated, the score is the minimum on each part of the examination. Minimum scores must be achieved in a single sitting of the test (i.e., scores across multiple instances of a test may not be used to satisfy minimum component requirements). Minimum acceptable English language proficiency scores for applicants to Graduate Studies are:

- CAE (Certificate in Advanced English): B
- CAEL (Canadian Academic English Language Assessment): overall 70, with 60 on the speaking sub-test
- CEL (UBC Certificate in English Language): 600
- CELPIP (Canadian English Language Proficiency Index Program)
 - CELPIT-A (Academic Reading and Writing): 4L
 - CELL (Listening): 4L
 - CELTOP (Speaking): 4L
- CPE (Certificate of Proficiency in English): C
- IELTS (International English Language Testing System - Academic): 6.5 with no part less than 6.0
- MELAB (Michigan English Language Assessment Battery): 85 final score, with 3 in the speaking test
- PTE (Pearson Test of English - Academic): 65 overall score, with 60 reading, 60 writing, 60 listening, and 60 speaking
- TOEFL (Test of English as a Foreign Language)
 - either the paper based test: 55 each for reading, listening, and writing, with 4.0 on the Test of Written English (TWE);
 - or the internet-based test: 90 overall score, with 22 reading, 21 writing, 22 listening, and 21 speaking

Individual graduate programs may require higher English language proficiency scores than those listed above. See [English Language Proficiency Standards and GRE Requirements](#).

Conditional Admission Program

The Faculty of Graduate Studies may extend a conditional offer of admission to a highly-qualified graduate applicant who does not quite meet the minimum English language proficiency requirement set by the graduate program to which the student has applied.

A conditional admission allows a student to obtain a study permit (if necessary) and begin their studies in the UBC English Language Institute (ELI) or an equivalent institution approved by the Provost. Upon successful completion of the prescribed terms of study in the ELI Intensive Academic English



Program (or pre-approved, equivalent alternative), the student will proceed directly into the graduate degree program.

To be eligible for the Condition Admission Program (CAP), the applicant must:

- possess a "first-class average" (or established equivalent) in a degree deemed as an eligible basis for admission, OR have academic qualifications that would have ranked them in the top 33% of students admitted to the graduate program to which they are applying, for the year prior to the date of their application;
- have English language proficiency, demonstrated via an accepted test, that can reasonably be expected to be brought up to the standard required by the graduate program to which the student has applied by completing ELI (or accepted equivalent) training in no more than a year; and
- be recommended for the CAP by a UBC graduate program.

In recommending conditional admission, graduate programs guarantee a student admission at the date specified in the admission letter, assuming the student's successful completion of the terms of the ELI program (or approved equivalent). Students admitted via the CAP are not allowed to make academic progress toward their graduate degree before they successfully complete the English language training program and are admitted without condition to the graduate program.

Required Documentation

The following information is required for the application and admission process for the Faculty of Graduate and Postdoctoral Studies:

- Graduate Studies Application (online system).
- Application fee.
- Three confidential reference reports. Reports must be uploaded by the referees directly to the online application system, or sent by post (must contain original signature and be received in sealed envelopes endorsed by referees).
- Transcripts/Academic Records. Upon initial application, applicants must provide copies of their academic records for all postsecondary institutions they have attended. These required records (and translations if necessary) may initially be provided as electronic copies of official documents which are uploaded by the applicant to the online application system. Some graduate programs may also require official paper documents to be submitted as part of the initial application process. Conditional admission offers may be made based on unofficial documents. However, admission offers will not be finalized and applicants will not be allowed to register in a graduate program until all required official academic records are received and validated by the University. To finalize an admission offer and allow registration, official transcripts must be received by the University for every postsecondary institution an applicant has attended, unless otherwise indicated to an individual applicant by the Faculty of Graduate and Postdoctoral Studies. To be considered official, academic records must be either received in official university envelopes, sealed and endorsed by the issuing institution, or be sent via secure electronic delivery by the issuing institution. If transcripts are not issued in English, official academic records in original language and certified English translation are required (if originals cannot be obtained by applicant, then attested, certified copies of originals are acceptable). If the official transcript does not indicate the degree name and the degree conferral date, an official copy of the degree certificate is required.
- Evidence of adequate English proficiency where applicable (TOEFL, IELTS, or MELAB are all acceptable).
- Supplementary information as may be required by admitting graduate program (e.g., GRE, statement of intent, research proposal, etc.).

Types of Admission Offers

Admission to the master's program will be in one of the following categories:

1. **Unconditional admission.** Granted when the applicant meets all admission requirements and all final official documentation has been received. Applicants who have a bachelor's degree, or its academic equivalent, which does not meet the requirements stated above, but who have significant formal training and relevant professional experience to offset such deficiencies, may be granted admission on the recommendation of the appropriate graduate program or faculty and approval of the Dean of the Faculty of Graduate and Postdoctoral Studies.
2. **Conditional admission.** Contains condition(s) that must be met before an offer can be considered final. Such conditions may include the provision of official transcripts or other academic records, final documentation showing degree conferred, or completion of the terms of the Conditional Admission Program (Calendar page <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,19,916,0#18829>). Admission offers will not be finalized and an applicant will not be allowed to register in a graduate program until the University receives and validates required official documentation which substantiates scanned documents previously submitted in the online system. The Letter of Admission stipulates deadlines as to when the conditions must be met. Failure to meet an admission condition by stated deadlines will normally result in an admission offer being revoked, or a student being required to withdraw from the program.

On the recommendation of the graduate program, a student with a bachelor's degree who lacks prerequisites for a chosen field of graduate study may be allowed to register as a "qualifying" student for a period of no more than one year. Satisfactory completion of a qualifying term or year does not guarantee admission to a graduate program. Qualifying status is granted to students only at the recommendation of the graduate program. Qualifying students are not considered graduate students.

International Students

Students who are not Canadian citizens or permanent residents must apply for a study permit (student visa) to enter Canada. Applications can be made at any Canadian Consulate or High Commission.

Admission > Students Transferring to UBC with Faculty Supervisors



Students who transfer to UBC with newly hired faculty members may choose one of the following:

- Transfer to UBC in order to complete a UBC degree. In this case, students should apply for admission in the usual way by submitting the application form, application fee, transcripts, letters of reference and any other supporting documentation required by the graduate program. It is expected that fees will be assessed as if the years spent by the student at the previous university were paid at UBC for that period. The maximum time to complete the program will be calculated on the same basis. Eligibility for awards will be as if the years spent by the student at the previous university were spent at UBC.

or

- Apply to become a visiting student in order to complete their work and graduate from their original university. Students may spend up to a year at UBC as a visiting graduate student. Credits completed while a visiting student may not subsequently be credited toward completion of a degree at UBC.

Admission > Visiting Students

A visiting graduate student is one who is attending UBC to complete coursework and/or research toward the requirements of a graduate degree at the home university. To be eligible for admission as a visiting student to UBC, the student must be currently registered in a graduate program with good standing at another recognized university. Normally, students may hold visiting status at UBC for a maximum of 12 months.

Applicants for regular visiting student status (other than those applying under the Western Deans Agreement or the Graduate Exchange Agreement) must submit the following documentation:

- Graduate Studies Online Application and the application fee.
- Two sets of official transcripts of the graduate program for which the applicant is currently registered.
- Evidence of English proficiency, where applicable, in the form of an official TOEFL, IELTS, or MELAB score.
- Letter of permission from the home university's registrar or department head confirming that the coursework and/or research undertaken at UBC while a visiting student is for the purpose of completing the graduate degree requirements at the home university.

At the recommendation of the graduate program, the Dean of the Faculty of Graduate and Postdoctoral Studies will issue a formal offer of admission to the visiting student. Visiting students cannot use the Student Service Centre on the web to register; they must be registered in coursework or non-credit activity (if doing research only) by the Faculty of Graduate and Postdoctoral Studies.

Admission > Transfer Credit for Access Studies

Courses taken as an Access Studies (or non-degree) student may be approved for transfer toward a graduate program with the permission of the graduate program and the Dean of the Faculty of Graduate and Postdoctoral Studies.

Consistent with standard transfer credit regulations, students are limited to transferring a maximum of 12 credits or up to 40% of the program credit requirements, whichever is more, toward their master's program. No more than 6 credits of transfer credit may be at the undergraduate level (300-/400-level). In order to be eligible for transfer, the course(s):

- must be completed with a minimum "B" standing
- must not have been counted toward the completion of another degree or program
- must have been completed no more than five years prior to the time the student commences the degree program
- must not be used as a basis for admission to the graduate program

Admission > Authenticity of Documents

Every student who applies to the Faculty of Graduate and Postdoctoral Studies must confirm that all statements made and all documentation submitted in support of their application are true, complete, and valid. Students are responsible for the authenticity of the documentation submitted in support of their application for admission to UBC.

The Faculty of Graduate and Postdoctoral Studies reserves the right to return transcripts, degree certificates, and/or reference letters to the originator for verification. The Dean of the Faculty of Graduate and Postdoctoral Studies reserves the right to rescind a letter of admission or to require that a student withdraw if it is determined that a student has submitted falsified documents in support of their application for admission.

Admission > Ownership of Application Documents

Documents submitted in support of an application become the property of the University and are not returned to the applicant unless they are irreplaceable (e.g., graduation certificates/booklets, Iranian high school transcripts, etc.). Applicants who submit irreplaceable documents may complete a Request for Return of Irreplaceable Documents form, available from Admissions. Irreplaceable documents will be returned after the admission evaluation is complete. For applicants who do not attend UBC, documents will be kept on file for one year only. For those who attend UBC, admission documents may be



destroyed five years after a student's last registration, except for doctoral students where material may be destroyed after two years from the date of graduation.

Admission > Delay in Start of Program

Students admitted to on-campus master's and doctoral programs are expected to be present at UBC and to attend classes or commence academic work on the first day of term and no later than the Change of Registration (<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=3,45,98,0>) (Course Drop/Withdrawal) deadline for their first term; that is, two weeks from the beginning of term.

In the event of unusual or extenuating circumstances, an exception for a delayed start date may be granted by the Dean of the Faculty of Graduate and Postdoctoral Studies, upon the recommendation of the Graduate Program. If however, in the assessment of the Graduate Program and the Faculty, a delay in start of program may have a detrimental effect on the student's academic performance and well-being in the first and subsequent terms, an exception will not be granted and admission will be deferred to a subsequent term.

Admission > Graduate Appeals on Admission or Readmission Decisions

Note that many fully-qualified applicants cannot be offered admission for various reasons such as limited capacity, rigorous competition, unavailability of supervision, lack of funding, etc.

Applicants who believe that they have been unjustly denied admission or readmission to a program due to an error in process or who believe that they deserve special consideration due to mitigating circumstances should discuss the matter with the graduate program to which they applied immediately upon receipt of their final admission or readmission decision. If a satisfactory resolution cannot be achieved, the applicant may submit a written appeal to the Faculty of Graduate and Postdoctoral Studies for review by the Dean of the Faculty or designate. This written appeal must be received by the Faculty of Graduate and Postdoctoral Studies no later than six weeks before the first day of the term for which the applicant applied.

If the appeal is denied by the Dean of the Faculty of Graduate and Postdoctoral Studies, the applicant may submit a written appeal to the Senate Admissions Committee.

The procedure for appealing the Dean's decision to the Senate Admissions Committee is the same as the procedure for undergraduate students (<http://calendar.ubc.ca/vancouver/index.cfm?tree=2,16,0,0>).

The appeal form (http://senate.ubc.ca/sites/senate.ubc.ca/files/downloads/Admissions%20appeal%20form_1.pdf) (and appeal processing fee) along with (a) a letter of appeal outlining the reasons for the appeal and the circumstances relating to the appeal, and (b) any relevant supporting documents (see appeal form for details) must be submitted to webforms.students.ubc.ca/admission-decision-appeal (<http://webforms.students.ubc.ca/admission-decision-appeal>).

Appeals on admission or readmission decisions will be considered on applications for the current year only.

The appeal will be sent to the Senate Admissions Committee for review, and the Dean of the Faculty of Graduate and Postdoctoral Studies will send a written explanation of his/her reasons for denying the appeal.

The decision of the Committee will be communicated in writing to the appellant and to the Dean of the Faculty of Graduate and Postdoctoral Studies. The Committee's decision is final.

Appeals on Revoked Admission Offers

Graduate offers of admission may contain conditions that applicants are required to fulfill before they are able to register for their programs. Offers may be revoked if these conditions are not met by the applicant.

Graduate offers of admission may also be rescinded if it is determined that a student has submitted falsified documents (<http://calendar.ubc.ca/vancouver/index.cfm?tree=12,204,340,613>) in support of an application for admission.

Applicants who believe that their offer of admission has been unjustly revoked due to an error in the process or who believe that they deserve special consideration due to mitigating circumstances may submit a written appeal to the Faculty of Graduate and Postdoctoral Studies for review by the Dean of the Faculty or designate. **Appeals on revocations must be received by the Faculty of Graduate and Postdoctoral Studies within 14 calendar days of the revocation decision email notifying that the offer of admission has been revoked.**

If the appeal is denied by the Dean of the Faculty of Graduate and Postdoctoral Studies, the applicant may submit a written appeal to the Senate Admissions Committee.

Appeals to the Senate Admissions Committee on admission or readmission decisions will be considered on applications for the current year only.



The appeal will be sent to the Senate Admissions Committee for review, and the Dean of the Faculty of Graduate and Postdoctoral Studies will send a written explanation of his/her reasons for denying the appeal.

The Committee may allow an appeal where it decides that the Faculty of Graduate and Postdoctoral Studies may have overlooked or misinterpreted information provided by the applicant, arrived at a decision without reasonable consideration of mitigating circumstances, or acted contrary to the Faculty's published procedures.

The decision of the Committee will be communicated in writing to the appellant and to the Dean of the Faculty of Graduate and Postdoctoral Studies. The Committee's decision is final.

English Language Proficiency Standards and GRE Requirements

Minimum acceptable English language proficiency scores for applicants to programs in the Faculty of Graduate and Postdoctoral Studies are:

- CAE (Certificate in Advanced English): B
- CAEL (Canadian Academic English Language Assessment): overall 70, with 60 on the speaking sub-test
- CEL (UBC Certificate in English Language): 600
- CELPIP (Canadian English Language Proficiency Index Program)
 - CELPIP-A (Academic Reading and Writing): 4L
 - CELL (Listening): 4L
 - CELTOP (Speaking): 4L
- CPE (Certificate of Proficiency in English): C
- IELTS (International English Language Testing System - Academic): 6.5 with no part less than 6.0
- MELAB (Michigan English Language Assessment Battery): 85 final score, with 3 in the speaking test
- PTE (Pearson Test of English - Academic): 65 overall score, with 60 reading, 60 writing, 60 listening, and 60 speaking
- TOEFL (Test of English as a Foreign Language)
 - either the paper based test: 55 each for reading, listening, and writing, with 4.0 on the Test of Written English (TWE);
 - or the internet-based test: 90 overall score, with 22 reading, 21 writing, 22 listening, and 21 speaking

Individual graduate programs may require higher English language proficiency scores, and may require minimum scores on individual components of the test. Translations between the TOEFL scores shown below and results from other tests will be made by the graduate programs concerned, taking guidance from the tables provided by the respective testing agencies: CAEL (<http://www.cael.ca/tsu/scoreint.shtml>), CELPIP (<http://www.celiptest.ca/about-celcip/evaluation-standards-and-proficiency-levels>), IELTS (http://www.ielts.org/institutions/test_format_and_results/ielts_band_scores.aspx), MELAB (<http://www.cambridgemichigan.org/institutions/products-services/tests/proficiency-certification/melab/>) and PTE (http://pearsonpte.com/PTEAcademic/scores/Documents/PTEA_Preliminary_Estimates_of_Concordance_4Aug10_v2.pdf).

Note: The table below receives regular updates throughout the year and outlines the minimum component score.

TOEFL and GRE Requirements

Program	Reading/Writing/Listening/Speaking - Component Scores for Internet-based TOEFL	Internet-based TOEFL Overall	GRE
Adult Learning and Education (M.Ed.)	22/22/22/22	92	
Adult Learning and Global Change (M.Ed.)	22/22/22/22	92	
Ancient Culture, Religion, and Ethnicity (M.A.)		100	
Anthropology (Ph.D., M.A.)	25/25/22/22	100	
Architecture (M.A.S.A., M.Arch.)		100	
Archival Studies (M.A.S.)		100	
Archival Studies and Library and Information Studies (M.A.S./M.L.I.S.)		100	
Art Education (M.A., M.Ed.)	22/22/22/22	92	
Art History (Ph.D., M.A.)		100	
Art History (Critical and Curatorial Studies) (M.A.)		100	
Atmospheric Science (Ph.D., M.Sc.)	22/22/22/23	100	Yes ^{1,3}
Audiology and Speech Sciences (Ph.D., M.Sc.)		100	
Biochemistry and Molecular Biology (Ph.D., M.Sc.)	27/29/27/24	106	Yes ⁹



Bioinformatics (Ph.D., M.Sc.)		100	
Biomedical Engineering (Ph.D., M.A.Sc.)		93	
Botany (Ph.D., M.Sc.)	22/22/22/22	92	
Business Administration, Accounting (Ph.D.)		100	Yes ²
Business Administration, Finance (Ph.D., M.Sc.B.)		100	Yes ²
Business Administration, Management Information Systems (Ph.D., M.Sc.B.)		100	Yes ²
Business Administration, Management Science (Ph.D.)		100	Yes ²
Business Administration, Marketing (Ph.D.)		100	Yes ²
Business Administration, Organizational Behaviour (Ph.D.)		100	Yes ²
Business Administration, Strategy and Business Economics (Ph.D.)		100	Yes ²
Business Administration, Transportation and Logistics (Ph.D., M.Sc.B.)		100	Yes ²
Business Administration, Urban Land Economics (Ph.D.)		100	Yes ²
Cell and Developmental Biology (Ph.D., M.Sc.)	22/22/22/22	100	
Chemistry (Ph.D., M.Sc.)	23/22/23/22	92	Yes
Children's Literature (M.A.)		100	
Cinema and Media Studies (Ph.D., M.A.)		100	
Civil Engineering (Ph.D., M.A.Sc.)	22/25/22/21	100	Yes ^{1,3}
Classical and Near Eastern Archaeology (M.A.)		100	
Classics (Ph.D., M.A.)		100	
Composition (D.M.A.)	23/22/23/22	93	
Community and Regional Planning (M.C.R.P.)		100	
Computer Science (Ph.D., M.Sc.)		100	
Counselling Psychology (Ph.D., M.A., M.Ed.)	22/22/22/22		Yes ⁵
Craniofacial Science (Ph.D., M.Sc.)		93	
Craniofacial Science and Diploma in Endodontics (Ph.D./Dip., M.Sc./Dip.)		93	
Craniofacial Science and Diploma in Orthodontics (Ph.D./Dip., M.Sc./Dip.)		93	
Craniofacial Science and Diploma in Pediatric Dentistry (Ph.D./Dip., M.Sc./Dip.)		93	
Craniofacial Science and Diploma in Periodontics (Ph.D./Dip., M.Sc./Dip.)		93	
Craniofacial Science and Diploma in Prosthodontics (Ph.D./Dip., M.Sc./Dip.)		93	
Curriculum and Leadership (M.Ed.)	22/22/22/22	92	
Curriculum Studies (Ph.D., M.A., M.Ed.)	22/22/22/22	92	
Economics (Ph.D., M.A.)	22/22/22/22	93	Yes ¹⁰
Educational Administration and Leadership (M.Ed.)	22/22/22/22	92	
Educational Leadership and Policy (Ed.D.)	22/22/22/22	92	
Educational Studies (Ph.D., M.A., M.Ed.)	22/22/22/22	92	
Electrical and Computer Engineering (Ph.D., M.A.Sc.)		100	
English (Ph.D., M.A.)		104	
Ethnomusicology		93	



Experimental Medicine (Ph.D., M.A.)	22/22/22/22	96	
Film Production (M.F.A.)		100	
Film Production and Creative Writing (M.F.A.)		100	
Forestry (Ph.D., M.Sc., M.A.Sc., M.F., M.I.F., M.S.F.M., M.U.F.L.)	23/24/23/22	100	
Genetic Counselling (M.Sc.)	26/28/26/23	103	
Genome Science and Technology (Ph.D., M.Sc.)		100	
Geography (Ph.D., M.A., M.Sc.)		100	
Geological Engineering (Ph.D., M.A.Sc.)	22/22/22/23	100	
Geological Sciences (Ph.D., M.Sc.)	22/22/22/23	100	
Geophysics (Ph.D., M.Sc., M.A.Sc.)	22/22/22/23	100	
Health, Outdoor, and Physical Education (M.A., M.Ed.)	22/22/22/22	92	
Health Science (M.H.Sc.)		100	
Higher Education (M.Ed.)	22/22/22/22	92	
Home Economics Education (M.A., M.Ed.)	22/22/22/22	92	
Interdisciplinary Oncology (Ph.D., M.Sc.)	22/24/22/22	100	
Journalism (M.J.)		104	
Kinesiology (Ph.D., M.A., M.Sc., M.Kin., M.H.P.C.T.L.)	23/24/23/26	96	
Landscape Architecture (M.L.A., M.A.S.L.A.)		100	
Language and Literacy Education (Ph.D.)	22/22/22/22	92	
Law (Ph.D)	25/25/25/25	100	
Laws (Common Law) (LL.M.(CL))	25/25/25/21	100	
Laws (LL.M)	25/25/25/25	100	
Laws in Taxation (LL.M. in Taxation)	25/25/25/21	100	
Library and Information Studies (M.L.I.S.)		100	
Library, Archival and Information Studies (Ph.D.)		100	
Literacy Education (M.A., M.Ed.)	22/22/22/22	92	
Mathematics (Ph.D., M.Sc.)		100	
Mathematics Education (M.A., M.Ed.)	22/22/22/22	92	
Measurement, Evaluation, and Research Methodology (Ph.D., M.A., M.Ed.)	22/22/22/22	92	Yes ⁸
Mechanical Engineering (Ph.D., M.A.Sc.)		93	Yes ¹
Media and Technology Studies Education (M.A., M.Ed.)	22/22/22/22	92	
Medical Genetics (Ph.D., M.Sc.)	24/26/24/24	100	
Microbiology and Immunology (Ph.D., M.Sc.)	25/25/25/25	100	Yes ⁴
Modern Languages Education (M.A., M.Ed.)	22/22/22/22	92	
Museum Education (M.M.Ed.)	22/22/22/22	92	
Music (Ph.D., D.M.A., M.A.)		93	Yes ⁶
Music Education (M.A., M.Ed.)	22/22/22/22	92	
Musicology		93	
Music Theory		93	
Neuroscience (Ph.D., M.Sc.)		100	
Nurse Practitioner (M.N.)		100	
Nursing (Ph.D., M.S.N.)		100	Yes ⁸
Occupational and Environmental Hygiene (M.Sc.)		100	



Occupational Therapy (M.O.T.)		100	
Oceanography (Ph.D., M.Sc.)	22/22/22/23	100	
Oceans and Fisheries (Ph.D., M.Sc.)		100	
Orchestral Instrument (D.M.A.)		93	Yes
Pathology and Laboratory Medicine (Ph.D., M.Sc.)		100	Yes ⁴
Pharmaceutical Sciences (Ph.D., M.Sc.)	22/22/22/22	100	
Pharmacology (Ph.D., M.Sc.)	22/22/22/22	100	
Philosophy (Ph.D., M.A.)		100	
Physical Therapy (M.P.T.)		100	
Physical Therapy and Rehabilitation Sciences (M.P.T./Ph.D.)	23/23/23/23	100	
Piano (D.M.A.)		93	
Planning (Ph.D., M.A.P., M.Sc.P.)		100	Yes ¹
Political Science (Ph.D., M.A.)	22/25/22/23	92	Yes ^{3,10}
Population and Public Health (Ph.D., M.Sc.)		100	
Public Health (M.P.H.)		100	
Public Health and Nursing (M.P.H./M.S.N.)		100	
Public Health and Diploma in Dental Public Health (M.P.H./Dip.)		100	Yes ⁴
Public Policy and Global Affairs (M.P.P.G.A.)	22/22/22/22	100	
Rehabilitation Sciences (Ph.D., M.Sc.)	23/23/23/23	100	Yes ⁸
Rehabilitation Sciences (M.R.Sc.)	26/28/26/23	108	
Religious Studies (Ph.D., M.A.)		100	
Reproductive and Developmental Sciences (Ph.D., M.Sc.)	22/22/22/22	100	
Resources, Environment and Sustainability (Ph.D., M.A., M.Sc.)	24/24/24/24	100	
School and Applied Child Psychology (Ph.D., M.A, M.Ed.)	22/22/25/25	100	Yes
Science Education (M.A., M.Ed.)	22/22/22/22	92	
Social Studies Education (M.A., M.Ed.)	22/22/22/22	92	
Social Work (Ph.D., M.S.W.)		93	
Society, Culture, and Politics in Education (M.Ed.)	22/22/22/22	92	
Sociology (Ph.D., M.A.)	25/25/22/22	100	Yes ⁷
Special Education (Ph.D., M.A., M.Ed.)			Yes ³
Statistics (Ph.D., M.Sc.)		100	
Teaching English as a Second Language (Ph.D., M.A., M.Ed.)	22/22/22/22	92	
Theatre (Ph.D., M.A.)		100	
Visual Art (M.F.A.)		100	
Voice (D.M.A.)		93	
Zoology (Ph.D., M.Sc.)	22/22/22/22	97	

¹ Not mandatory, but strongly recommended.

² Or GMAT.

³ Ph.D. program only.

⁴ Applicants from outside North America only.

⁵ General and subject tests required.

⁶ Ph.D. programs in Musicology, Music Theory, and Ethnomusicology; M.A. programs in Musicology and Music Theory.

⁷ For applicants with a degree from a university outside of Canada; results must be from the past 24 months.

⁸ Required for some applicants. See the degree program entry (<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,204,828,0>) for detailed information.



⁹ Applicants with a degree from a university outside of Canada and the USA only.

¹⁰ Applicants with a degree from a university outside of Canada only.

Last updated: April 19, 2021

Classification of Students

Classification of Students > Doctoral Student

Full-time Classification

Full-time students are expected to engage in their studies on a full-time basis and are assessed fees according to Schedule A (Calendar page: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=14,266,773,1451#18060>). Full-time students are eligible for graduate scholarships and fellowships. Normally, teaching assistantships (TAs) and research assistantships (RAs) are limited to full-time students.

Graduate programs may articulate specific limitations regarding concurrent paid employment as consistent with the definition of full-time study. Recipients of teaching assistantships (TAs) must adhere to the TA union's regulations governing number of hours worked while holding a teaching assistantship.

Part-time Classification

Part-time studies are designed for students who are unable to devote full-time hours and expect they will require a longer timeline to complete their studies. Full-time students typically devote a minimum of 35-40 hours per week to academic activities (e.g., research, teaching or research assistantship, and professional development) related to their studies. Students may have a number of reasons for undertaking part-time studies, including professional obligations (e.g., government or industry work, consulting, self-employment, or equivalent) or personal circumstances that make it impossible for them to devote full-time attention to their program of study. Note that students with a permanent disability who require a reduced level of academic engagement can consider the [Full-time with Reduced Workload stream](#).

Part-time studies are only available in some programs as part-time study may not fit the curriculum or research in some fields of study. Programs that offer part-time studies must demonstrate that their curriculum (e.g., sequence of coursework, research activities) will be feasible for students studying part-time. Programs approved to offer part-time PhD studies are listed on the Graduate and Postdoctoral Studies website.

Admission to part-time study will also depend on finding a suitable supervisor as part-time studies may not suit the research topic of the student or some faculty. The expected academic workload of students classified as part-time is determined by the graduate program.

Students who wish to be classified as part-time must obtain approval from their proposed supervisor and graduate program advisor as part of the admission process.

Students classified as part-time are assessed tuition fees according to Schedule C. Part-time status is not to be used as a means of reducing total tuition paid. Part-time students are expected to be self-funded and typically may not be eligible for funding or scholarships. Furthermore, students must not be encouraged to take part-time studies because a department/supervisor cannot provide a full-time funding package to the student.

Students who are on Schedule C and who are classified as part-time are advised that:

- They may not be eligible to receive interest-free status government loans, teaching assistantships, research assistantships, student housing, and some fellowships or scholarships
- They are exempt from the Minimum Funding Package guarantee for PhD students
- Part-time doctoral students are eligible for the UBC Graduate Student Travel Fund
- A maximum 8-year time period is allowed for completion of the part-time doctoral program (compared to a 6-year time period for full-time students)
- Students who pay tuition fees according to Schedule C are not permitted to revert back to Schedule A. Likewise, students who pay tuition fees according to Schedule A are not permitted to revert back to Schedule C.
- Due to Canadian immigration regulations, part-time study has particular implications for international students. International students should seek advice from a Regulated Canadian Immigration Consultant before pursuing part-time classification.

Doctoral Students with Disabilities Who Are Deemed as "Full-Time with Reduced Workload"

An alternative tuition schedule may be established by the Dean of Graduate and Postdoctoral Studies in consultation with the University Registrar for doctoral students who have been assessed by the Centre for Accessibility as having permanent disabilities requiring a reduced level of academic engagement. The alternative tuition schedule is structured to reflect a reduced academic engagement over a longer period of time.

For doctoral students designated as "full-time with reduced workload", the maximum time in the program is normally eight years. Such students are deemed to be equivalent to "full-time" for all purposes.

Administrative procedure:



Doctoral students pursuing registration as “full-time with reduced workload” must register with and be assessed by Access & Diversity to determine eligibility and recommended academic accommodation. If determined to be eligible by Access & Diversity, the student must agree to have this information released to the Faculty of Graduate and Postdoctoral Studies. The Faculty will establish an alternative tuition schedule based on academic accommodations recommended by Access & Diversity and liaise with the University Registrar to implement the schedule. Permission to convert retroactively to an alternative tuition schedule will not normally be granted.

Last updated: April 19, 2021

Classification of Students > Master's Student

Full-Time Classification

Students classified as full-time are expected to engage in their studies on a full-time basis. Master's students are normally considered full-time and are assessed tuition fees according to Schedule A (Calendar page: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=14,266,773,1450#18017>). Full-time students are eligible for graduate scholarships and fellowships. Normally, teaching assistantships (TAs) and research assistantships (RAs) are limited to full-time students.

Graduate programs may articulate specific limitations regarding concurrent paid employment as consistent with the definition of full-time study. Recipients of Teaching Assistantships (TAs) must adhere to the TA union's regulations governing number of hours worked while holding a Teaching Assistantship.

Part-Time Classification

In some programs, master's students have the option of pursuing the degree through part-time study. The expected academic workload of students classified as part-time is determined by the graduate program.

Students who wish to be classified as part-time must obtain approval from their graduate program advisor and the Faculty of Graduate Studies prior to the beginning of the first term of the program (i.e., prior to the commencement of the degree program) in which fees are first assessed. Students classified as part-time are assessed tuition fees according to Schedule B (Calendar page: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=14,266,773,1450#18017>).

Students who are on Schedule B and who are classified as part-time are advised that:

- they are not eligible to receive interest-free status government loans, University fellowships or scholarships,
- they are not eligible for teaching assistantships, research assistantships, student housing, or assigned desk space at the University, and
- the five-year maximum time allowed for the master's program also applies to part-time students.

Students who pay tuition fees according to Schedule B are not permitted to revert back to Schedule A after the initial payment of the tuition fees in the first term of the program.

Last updated: April 19, 2021

Classification of Students > Qualifying Student

A student whose academic background entitles him or her to serious consideration for admission to graduate studies but who is considered to be inadequately prepared to enter a graduate program in the specific discipline (e.g., three-year degree holders from other Canadian universities, a student changing from one field of study to another, or a student upgrading academic standing) may be admitted as a qualifying student. Qualifying students are not considered graduate students.

If, at the end of a qualifying term or year, the graduate program and the Faculty of Graduate and Postdoctoral Studies are satisfied with the calibre of the student's work, the student may apply for admission to a graduate degree program.

Courses taken during a qualifying year or term that are necessary in order to meet the requirements for full admission to Graduate Studies cannot be transferred to a subsequent graduate program. However, other courses may be transferred upon the recommendation of the department and with the approval of the Dean of the Faculty of Graduate and Postdoctoral Studies.

Qualifying student status is available only to applicants who do not require a study permit to enter Canada.

Last updated: April 19, 2021

Classification of Students > Visiting Graduate Student

A visiting graduate student is one who is attending UBC to complete coursework and/or research toward the requirements of a graduate degree at another recognized university. To be eligible for admission as a visiting student to UBC, the student must be currently registered in a graduate program with good standing at the home university, and must present evidence of English proficiency, where applicable, in the form of an official TOEFL, IELTS, or MELAB score. Normally, students may hold visiting status at UBC for a maximum of 12 months. Prior approval of the home university, the UBC graduate program, and the Dean of the Faculty of Graduate and Postdoctoral Studies is required.



Visiting students, with the exception of those governed by the Western Deans' Agreement, Graduate Exchange Agreement, and other special agreements, pay tuition fees on a per-credit basis.

Visiting Students under the Western Deans' Agreement

The Western Deans' Agreement provides an automatic tuition fee waiver for visiting students from participating universities. Under the terms of this agreement, graduate students in good standing from UBC can register in any of the universities listed below without paying tuition; all other fees apply. The same is also true for students of other participating institutions who wish to attend classes or conduct research at UBC.

The following institutions support the Western Deans' Agreement:

Athabasca University
University of Alberta
Brandon University
British Columbia Institute of Technology
University of British Columbia
University of Calgary
Concordia University College of Alberta
University of Lethbridge
University of Manitoba
University of Northern British Columbia
University of Regina
Royal Road University
University of Saskatchewan
Simon Fraser University
University of Victoria

Visiting Students under the Graduate Exchange Agreement

The Graduate Exchange Agreement allows graduate students in good standing at UBC, McGill University, the University of Toronto, and the University of Montreal to take courses at each other's universities without having to pay tuition fees to the host institution.

Students wishing to apply for visiting student status under either of these special agreements should consult Policies and Procedures (<http://www.grad.ubc.ca/faculty-staff/policies-procedures>) for more information.

Visiting International Research Student (VIRS)

UBC is a hub for outstanding researchers from around the world and welcomes Visiting International Research Students (VIRS) to participate in our community of inquiry.

A VIRS is an international student who is enrolled in an undergraduate, graduate, or graduate-equivalent program at another university, or is a participant in a UBC-recognized (through Go Global) "bridging" program between undergraduate and graduate studies, who visits UBC for one month or longer to conduct research only. All research conducted at UBC is subject to University policy regarding scholarly integrity. A VIRS may be required to undertake specific research ethics and/or safety training prior to conducting research at UBC.

A VIRS must be supervised by a UBC faculty member throughout the visit, and must have the written permission of their home institution or sponsoring program to visit UBC to conduct research. The department head for the unit or laboratory with which the visitor will be affiliated has final authority to approve a VIRS visit. Students whose home institution has a formal academic student exchange agreement with UBC will be registered as exchange students unless reciprocity quotas are filled; in which case additional students may come under the VIRS designation.

A VIRS will be registered in VURS 499 (undergraduate level), VGRD 500 (master's level), or VGRD 600 (doctoral level), a non-credit activity which denotes full-time student engagement in academic research. A VIRS may be initially registered at UBC for any period from one to 12 months, not necessarily related to academic terms, but will be registered in VURS 499/VGRD 500/600 for all terms which overlap with their visit. A VIRS may not enrol in UBC courses, but may apply during their stay to be admitted as a Visiting Undergraduate or Graduate Student should they wish to enrol in courses.

A VIRS pays an administrative fee and has access to the UBC Library, email services, Go Global services, and, on an urgent need basis, health/counselling services. As any new international student, VIRS will participate in the iMED health insurance program. Use of other services and facilities including but not limited to areas such as athletics and transcripts can be accessed on a fee paying basis, as available.

Administrative Procedure

A completed VIRS form, with all necessary signatures, is to be submitted to the UBC Go Global office at least eight weeks prior to the planned visit. Once the visit is recorded by Go Global in the Student Information Service Centre, the prospective VIRS will receive their formal letter of invitation to UBC, suitable for applying for a study or work permit, as appropriate, and be directed to pay the relevant fees through the Student Service Centre.

A VIRS will normally come to UBC for a maximum of one year. At the end of the approved visit period, the student may request an extension for up to one



year. A visit lasting more than one year will require renewal of their permissions, registration, and fees.

Graduate Courses at the Affiliated Theological Colleges

A limited number of graduate courses at the theological colleges (Calendar page: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=6,317,1000,0#2401>) may be taken for graduate credit at UBC. For a list of such courses and their instructors, please contact the Faculty of Graduate and Postdoctoral Studies (graduate@interchange.ubc.ca).

Other Exchange Agreements

Graduate programs may have exchange agreements with similar programs at other institutions. Students should consult their Graduate Advisor or UBC's Go Global: Student Mobility Programs (<http://students.ubc.ca/about/go-global>).

Last updated: April 19, 2021

Classification of Students > On-Leave Status

Graduate Student Leaves of Absence

This policy, V-302: Graduate Student Leaves of Absence (<http://senate.ubc.ca/vancouver/policy-abstracts>), applies to students currently registered in graduate programs at the University of British Columbia, including those administered by faculties other than the Faculty of Graduate and Postdoctoral Studies.

This policy does not apply to students enrolled in the Pharm.D. program or students in undergraduate programs including the M.D., J.D., and D.M.D. programs.

Students in dual degree programs (e.g., M.D./Ph.D.) may be eligible, through discussion with both programs.

A graduate student who finds it necessary for parental, health, personal, professional, or academic reasons, as outlined below, to interrupt his or her studies may apply for a leave of absence. Responsibility for approving a leave of absence rests with the Dean of the Faculty of Graduate and Postdoctoral Studies; or, in the case of programs not administered by the Faculty of Graduate and Postdoctoral Studies, with their respective Deans.

A leave of absence will normally begin on the first day of September, January, or May.

Leaves of absence will be granted for periods of four, eight, or twelve months.

The total duration of all leaves of absence granted in a graduate program is normally limited to 24 months for a doctoral student and to 12 months for a master's student, except [Leave to Pursue a Second Program of Study](#).

While on a leave of absence, graduate students are expected to not undertake any academic or research work related to the program for which they have taken a leave of absence. Access to the University's facilities and resources, including faculty supervision, while on a *leave of absence* may be limited. Consult the Faculty of Graduate and Postdoctoral Studies website (<http://www.grad.ubc.ca/faculty-staff/policies-procedures/leave-status>) for current information in that regard.

Graduate students must inform their program of their intent to return from a leave of absence prior to recommencing their studies.

Time spent on leave of absence is not counted as part of the allowed time to complete a degree.

Awards and Fellowships for Students with On-Leave Status

A graduate student granted a leave of absence retains the full value of any fellowship or other award for which the terms and conditions are established by the Faculty of Graduate and Postdoctoral Studies; award payments will be suspended at the onset of the leave of absence and will resume at the termination of the leave period, provided that the student returns to full-time study at that time.

Awards for which the terms and conditions are not established by the Faculty of Graduate and Postdoctoral Studies will be paid according to the terms and conditions established by the donor or granting agency.

Categories of Leaves of Absence

Parental Leave

A graduate student who is bearing a child or who has primary responsibility for the care of an infant or young child is eligible for parental leave. Appropriate supporting documentation may be required.



Parental leave is normally limited to 12 months per childbirth or adoption (including multiples).

See also [Graduate Student Parental Accommodation Policy](#).

Where possible, a student enrolled in coursework should coordinate his or her leave of absence to coincide with the first day of September, January, or May.

Leave for Health Reasons

A graduate student who encounters a health problem that significantly interferes with the ability to pursue his or her course of study is eligible for a leave for health reasons.

Requests for a leave for health reasons must be accompanied by appropriate supporting documentation from the clinician providing primary care for the health problem.

A leave for health reasons is normally limited to 12 months.

Prior to being allowed to return to his or her studies, a student returning to study after a leave for health reasons may be required to produce specific documentation from his or her clinician confirming that he or she has recovered sufficiently to return from leave and resume his or her course of study.

Professional Leave

A graduate student who wishes to suspend his or her course of study in order to take a relevant work or professional development experience may be eligible for professional leave. Appropriate supporting documentation may be required.

Professional leave is normally limited to 12 months.

Personal Leave

A graduate student who encounters personal circumstances that significantly interfere with the ability to pursue his or her course of study may be eligible for personal leave. Request for a leave for personal reasons must be accompanied by appropriate supporting documentation.

Personal leave is normally limited to 12 months.

Leave to Pursue a Second Program of Study

Following consultation with his or her program advisor and graduate supervisor, a graduate student may apply for a leave of absence from one program to pursue a second course of study.

While on a leave of absence to pursue a second course of study, the graduate student is responsible for any tuition or other fees associated with the second program.

Leave to pursue a second course of study may exceed 12 months.

Last updated: April 19, 2021

Academic Regulations

Academic Regulations > Program of Study

Doctoral Students

Registration

All doctoral students admitted to the Faculty of Graduate and Postdoctoral Studies must register when they begin their studies. Students must remain continuously registered until the degree is completed, except for periods of time for which the student is away on an approved leave of absence. Failure to register for two consecutive terms may result in the student being required to withdraw.

Supervisory Committee

Refer to the section on [Faculty Membership in the Faculty of Graduate and Postdoctoral Studies](#) for the supervisory privileges of members of the Faculty



and for the approval procedures for supervision of graduate students by other faculty.

Each doctoral student is supervised by a committee of not less than three faculty members, which may include faculty members from graduate programs other than the student's home graduate program. With the approval of the Dean of the Faculty of Graduate and Postdoctoral Studies, the committee may also include qualified persons who are not faculty members. The supervisory committee is responsible for guiding the student in planning research and preparing the thesis/doctoral dissertation.

In some graduate programs, the student is responsible for securing the chair of the supervisory committee; in others, the department graduate program will assign the chair. Students should consult with their graduate program advisor in this respect. Changes may be made to the student's committee with the approval of his or her home department graduate program. The Faculty of Graduate and Postdoctoral Studies must be notified of any changes made post-candidacy and must approve the changed committee. Students who are unable to secure a chair should ask either the graduate program advisor or the department head for assistance. In very exceptional circumstances, the head may ask the Dean of the Faculty of Graduate and Postdoctoral Studies to appoint a chair. In some instances and for a brief period of time only, a student may be assigned an interim committee until such time as a more permanent committee can be established.

Program of Study

Upon registration, the doctoral student will consult with his or her supervisor(s) to develop a program of study, subject to the approval of the home program. The program of study will consist of seminars, directed readings, consultations and such formal courses as may be deemed essential for the fulfilment of the requirements for the degree. Some graduate programs require competence in languages other than English. The graduate program in which the student intends to write the thesis/doctoral dissertation shall determine the number of such languages and a satisfactory level of competence. All doctoral students must complete a comprehensive examination that is separate and distinct from the evaluation of the doctoral dissertation prospectus. A major part of the doctoral student's work will consist of a thesis/doctoral dissertation embodying the results of original research.

Changes in the program of study may be required during the period of study. These changes must be reviewed and approved by the student's supervisory committee and the home graduate program.

Note: Courses listed in the Calendar may not all be offered annually. Students should apply to the department concerned for detailed information about course offerings in any given year.

Transfer Credit

Doctoral students are not normally eligible for transfer credit. In doctoral programs where there is a prescribed amount of coursework, students may be eligible for course exemptions on the basis of previous courses taken.

Master's Students

All master's degree students admitted to the Faculty of Graduate and Postdoctoral Studies must register when they begin their studies. Students must remain continuously registered until the degree is completed, except for periods of time for which the student is away on an approved leave of absence. Failure to register for two consecutive terms may result in the student being required to withdraw.

Each student's program of study must be approved by the home graduate program.

Some graduate programs require competence in languages other than English. The graduate program in which the student intends to write the thesis/doctoral dissertation shall determine the number of such languages and a satisfactory level of competence.

Faculty of Graduate and Postdoctoral Studies regulations for master's degrees provide for full- or part-time studies, as well as for programs with thesis and programs without thesis. The choice of these options lies with the individual graduate program and student. Graduate programs are also free to prescribe work beyond the minimum requirements described below. Students should contact graduate programs directly for more information on program options.

Program Requirements (Thesis and Non-Thesis Programs)

The minimum course requirements are 30 course credits, of which at least 24 must be numbered 500 to 699. A maximum of 6 credits at the undergraduate level in courses numbered 300 to 499 may be counted toward the requirements of a master's degree. A comprehensive examination in the form of a final written and/or oral examination is at the discretion of the graduate program.

In specific programs, minimum requirements may be higher than 30 course credits. Undergraduate courses numbered 300 to 499 may account for no more than 20% of the course credit requirement.

Courses numbered 100 to 299 and courses taken through Continuing Studies may not be counted towards the requirements of a master's degree program.

Students should consult the graduate program listing in the Calendar for more information.

Note: Courses listed in the Calendar under graduate programs may not all be offered annually. Students should consult the graduate program listing in the Calendar for more information.



Exemptions

Students may be exempted from specific course requirements if the graduate program is satisfied that the student has acquired the knowledge from courses previously taken or from experience. Exemptions do not reduce the total credits required for a degree. In such cases, the graduate program should substitute a more appropriate course. The exemption from the specific requirement must be recorded on the student's academic record.

Last updated: April 19, 2021

Academic Regulations > Transfer Credit

1. Graduate students who have earned credits outside their current master's program (e.g., from a different university, in a different UBC master's program, as an undergraduate, or as an unclassified or Access Studies student) may transfer up to 12 credits or up to 40% of the total number of credits needed for completion of their current program (whichever is more), provided that:

- a) the courses were not used to satisfy the requirements of another credential;
- b) the courses were not used as a basis for admission to the graduate degree program;
- c) at least a B standing (UBC 74%) was obtained in courses considered for transfer;
- d) the courses considered for transfer credit have been taken within five years of commencement of the current degree program.

2. The 12-credit (40%) restriction applies to students in UBC-approved Exchange Agreements established by the UBC Go Global Office.

3. An exemption to Provision 1a above may apply where UBC graduate certificate programs ladder into a specifically affiliated UBC master's degree. In such cases, courses taken to satisfy the requirements of a UBC graduate certificate may be fully transferable to the affiliated master's program, even if the certificate has been or will be awarded, provided that:

- a) The graduate certificate admission criteria are the same as the master's degree admission criteria. Note that students in a graduate certificate program will need to apply and be accepted to the master's program.
- b) The graduate certificate offers the same courses that comprise part of the master's course requirements.
- c) The passing grade for the graduate certificate program is the same as for the master's program.
- d) The courses that comprise the graduate certificate program are 500-level courses that have been approved by the UBC Senate.

4. No more than 6 credits of transfer credit may be at the undergraduate level (300-/400-level).

5. Requests for transfer credit must be accompanied by a memorandum from the home graduate program addressed to the Dean of the Faculty of Graduate and Postdoctoral Studies. The memorandum must provide an academic justification for allowing the transfer credit on a course by course basis.

Last updated: April 19, 2021

Academic Regulations > Undergraduate Eligibility for Graduate Courses

Undergraduate students who have maintained an overall B+ (76%) average in their completed third- and fourth-year courses, and who have completed at least 75% of the third- and fourth-year requirements for their undergraduate degree, may be eligible to register in graduate courses.

Last updated: April 19, 2021

Academic Regulations > Academic Progress

Doctoral Students

The progress of all students working toward the Ph.D., D.M.A., and Ed.D. will be reviewed regularly and at least once each year in June by the home graduate program and the Dean of the Faculty of Graduate and Postdoctoral Studies. A student may be required to withdraw if progress has not been satisfactory as shown by coursework, the comprehensive examination, advancing to candidacy, progress on the thesis/doctoral dissertation, or other requirements of the graduate program or the Faculty.

Definition of Satisfactory Progress

A minimum of 68% (B-) must be achieved in all coursework taken for credit. Where a grade of less than 68% (B-) is obtained in a course, and on the recommendation of the graduate program and the approval of the Dean of the Faculty of Graduate and Postdoctoral Studies, the student may repeat the course for higher standing or take an alternate course. If the graduate program advisor does not make such a recommendation, or if the recommendation is not approved by the Dean of the Faculty of Graduate and Postdoctoral Studies, the student will be required to withdraw. A student who obtains a grade of less than 68% in more than one course will normally be required to withdraw. If progress in research is unsatisfactory, a student will be required to withdraw. **The student will be informed of unsatisfactory academic progress in writing before any action regarding withdrawal is taken.**

A minimum mark of 68% must be obtained in all courses taken by a student enrolled in a doctoral program. When repeating a failed required course, a



minimum mark of 74% must be obtained. Higher minimum marks may be required by individual graduate programs.

If a course is repeated, both marks will appear on the transcript. The higher mark will be used to determine promotion in a program and in any decision to admit or withdraw a student from a program. For all other purposes, averages will be calculated using both marks.

It is required that all doctoral students be admitted to candidacy within 36 months from the date of initial registration. A student who is not admitted to candidacy within this time period will be required to withdraw from the program. Extensions may be granted under exceptional circumstances and with the permission of the Dean of the Faculty of Graduate and Postdoctoral Studies.

Master's Students

The progress of all students working toward the master's degree will be reviewed regularly and at least once each year in June by the home graduate program and the Dean of the Faculty of Graduate and Postdoctoral Studies. A student may be required to withdraw if progress has not been satisfactory as shown by coursework, the comprehensive examination, progress on the thesis, or other requirements of the graduate program or the faculty.

Definition of Satisfactory Progress

The minimum passing grade in any course taken by a student enrolled in a master's program is 60%. However, only 6 credits of courses with grades in the C to C+ range (60-67%) may be counted towards a master's program. For all other courses, a minimum of 68% must be obtained. Some graduate programs may require a higher passing grade for specific courses.

Where a failing grade is obtained in a course, and on the recommendation of the graduate program and the approval of the Dean of the Faculty of Graduate and Postdoctoral Studies, the student may repeat a course for higher standing or take an alternate course. If the graduate program does not make such a recommendation, or if the recommendation is not approved by the Dean of the Faculty of Graduate and Postdoctoral Studies, the student will be required to withdraw. A student who obtains a grade of less than 68% in more than 6 credits will normally be required to withdraw for inadequate academic progress. **The student will be informed of unsatisfactory academic progress in writing before any action regarding withdrawal is taken.**

When repeating a failed course, a minimum mark of 74% must be obtained. Individual graduate programs may require higher minimum grades.

If a course is repeated, both marks will appear on the transcript. The higher mark will be used to determine promotion in a program and in any decision to admit or withdraw a student from a program. For all other purposes, averages will be calculated using both marks.

Last updated: April 19, 2021

Academic Regulations > Residency Requirements and Duration of Program

Doctoral Students

Students admitted to a doctoral program will normally be expected to spend the equivalent of at least two consecutive years of full-time study at the University. With the approval of the Dean of the Faculty of Graduate and Postdoctoral Studies, graduate programs may make different regulations concerning duration of study, sequence of study and location of full-time study.

Students must maintain continuous registration throughout all years until graduation by keeping up with tuition fee payments.

If the degree is not awarded within a period of six years from initial registration, for a full-time student, and eight years from initial registration for a part-time student, the student's eligibility for the degree will be terminated and the student will be required to withdraw from the program. Under exceptional circumstances, an extension to allow a student to continue in the program may be granted by the Dean of the Faculty of Graduate and Postdoctoral Studies.

Students who, for health or personal reasons including childbirth and having primary responsibility for the care of a child, must interrupt their studies should apply for a leave. See [On-Leave Status](#) under Classification of Students. The period of leave is not counted toward time to completion.

For doctoral students designated as "full-time with reduced workload", the maximum time in the program is normally eight years.

Master's Students

Students in a master's program are expected to spend the equivalent of at least one year in full-time study. Some programs may be of longer minimum duration. Students must maintain continuous registration throughout all years until graduation by keeping up with fee payments.

If a degree is not awarded within a period of five years from initial registration, the student's eligibility for the degree will be terminated and the student will be required to withdraw from the program. Under exceptional circumstances, an extension to allow a student to continue in the program may be granted by the Dean of the Faculty of Graduate and Postdoctoral Studies. This restriction applies equally to full-time and part-time students.

Students who, for health or personal reasons including childbirth and having primary responsibility for the care of a child, must interrupt their studies should apply for a leave. See [On-Leave Status](#) under Classification of Students. The period of leave is not counted toward time to completion.



Academic Regulations > Examinations, Master's Theses, and Doctoral Dissertations

Doctoral Students

The doctoral student will take the following examinations:

1. Course examinations where applicable. A minimum of 68% must be obtained unless otherwise specified.
2. Tests of the student's ability to read languages other than English where program regulations require it.
3. A comprehensive examination, normally held after completion of all required coursework. It is intended to test the student's grasp of the chosen field of study as a whole, and the student's ability to communicate his or her understanding of it in English or in French. The student's committee will set and judge this examination in a manner compatible with the policy of the graduate program concerned. Programs should make available to students a written statement of examination policy and procedures. The comprehensive examination is separate and distinct from the evaluation of the doctoral dissertation prospectus.
4. A final oral examination or doctoral dissertation defense.

Note: A graduate program may require a formal examination of the doctoral dissertation before it is transmitted to the Faculty of Graduate and Postdoctoral Studies for final oral examination.

Students should consult their respective graduate program advisors for information about program requirements.

All doctoral candidates are required to complete a doctoral dissertation which must be presented according to procedures described at Master's Thesis and Doctoral Dissertation Preparation and Submission (<http://grad.ubc.ca/current-students/dissertation-thesis-preparation>). Students should consult the Faculty of Graduate and Postdoctoral Studies (<http://grad.ubc.ca>) for information regarding deadlines for submission of doctoral dissertations.

All doctoral students will take a final oral examination or doctoral dissertation defense:

1. All doctoral dissertations must be assessed by an examiner external to the University, as well as by internal examiners. The external examiner is chosen by the Dean of the Faculty of Graduate and Postdoctoral Studies in consultation with the graduate program concerned. Procedures for choosing a suitable external examiner must be initiated at least two months before completion of the doctoral dissertation. The external examiner's written report must be received before the final examination can take place.
2. Final oral examinations can be scheduled no sooner than six weeks after submission of the approved doctoral dissertation to the Faculty of Graduate and Postdoctoral Studies. All other degree requirements must also have been completed.
3. The final oral examination is open to all members of the University and to the public. Once an examination has been booked by the Faculty of Graduate and Postdoctoral Studies, the following details will be made available on the Faculty of Graduate and Postdoctoral Studies webpage: Candidate's full name, home department, degree program, dissertation title, and the date, time and location of the exam. Students with compelling safety-related concerns about this public announcement can request an exemption from the Dean of the Faculty of Graduate and Postdoctoral Studies.
4. The Dean of the Faculty of Graduate and Postdoctoral Studies must approve the membership of the examining committee. The Dean or the Dean's designate chairs the examination. The examining committee judges the candidate's success and makes a recommendation to the Dean of the Faculty of Graduate and Postdoctoral Studies.

More information on oral examination procedures is available at the Final Doctoral Examination Guide (<http://grad.ubc.ca/current-students/final-doctoral-examination>). Students registered in a doctoral program are not permitted supplemental examinations.

The dissertation must be presented according to procedures described at Master's Thesis and Doctoral Dissertation Preparation and Submission (<http://www.grad.ubc.ca/current-students/dissertation-thesis-preparation>).

Master's Students

There is no general requirement for a comprehensive examination or a final oral examination/thesis defense at the master's level. Graduate programs may, at their own discretion, require a comprehensive examination and/or final oral examination in the student's field of study as part of the degree requirements.

Where a comprehensive examination or final oral examination/thesis defense is required, programs must make available to students a written statement of examination procedures such as the purpose, form, length, subject area(s) and scope of the examination, as well as information on the criteria for evaluation

In the creative and performing arts, a thesis may consist of creative work (e.g., paintings, writing) or of a performance. Programs may, at their discretion, require additional supporting documentation.

In programs requiring a thesis, the thesis must be presented according to procedures described at Master's Thesis and Doctoral Dissertation Preparation and Submission (<http://grad.ubc.ca/current-students/dissertation-thesis-preparation>).



Academic Regulations > Academic Appeals

Review of Assigned Standing

To appeal a grade in graduate-level coursework, see Review of Assigned Standing (<http://calendar.ubc.ca/vancouver/index.cfm?tree=3,49,0,0>).

Senate Appeals on Academic Standing

Students may protest decisions relating to their academic standing. Students should protest a decision first with the faculty member directly involved in the decision, if applicable, and then, if necessary, with the graduate advisor or department head, and finally with the Dean of the Faculty of Graduate and Postdoctoral Studies.

The Committee on Appeals on Academic Standing is a standing committee of the University Senate, which is the senior academic authority in the University. Information on the policies and procedures of this committee can be found at Senate Appeals on Academic Standing (<http://calendar.ubc.ca/vancouver/index.cfm?tree=3,53,0,0>).

Last updated: April 19, 2021

Academic Regulations > Withdrawal, Reinstatement, and Readmission

Required Withdrawal for Academic Reasons

Students will normally be required to withdraw if they do not make adequate academic progress according to the timelines and policies set by their home graduate program and/or the Faculty of Graduate and Postdoctoral Studies. When a student is required to withdraw, the academic record will indicate "required to withdraw". The decision to withdraw a student for academic reasons is made by the Dean of the Faculty of Graduate and Postdoctoral Studies.

A student in any graduate program who is required to withdraw will not normally be eligible to apply for readmission to the University for at least one year. After one year, students who have been required to withdraw from a graduate program may be admitted to a different program in the Faculty of Graduate and Postdoctoral Studies provided they meet all admission requirements in effect for that program at the time they apply. Such applications must be accompanied by a statement from the graduate program which recommended withdrawal outlining the reasons for which the student was required to withdraw. Students who have been required to withdraw from a graduate program may also apply to be readmitted to the same program after at least one year has passed from the effective date of withdrawal. Compelling evidence must be presented that a more successful outcome is likely if the student is to be readmitted. All cases for readmission must be reviewed and approved by the Dean of Graduate and Postdoctoral Studies. Students required to withdraw from a graduate program more than once are not eligible to be considered for admission to any program in the Faculty of Graduate and Postdoctoral Studies.

Voluntary Withdrawal

A student wishing voluntarily to withdraw from the University must notify the Faculty of Graduate and Postdoctoral Studies and the graduate advisor in the home graduate program in writing. When the withdrawal is processed, the academic record will indicate "voluntary withdrawal," the date of withdrawal and a standing of W in all courses not completed on that date.

A student who does not complete formal withdrawal procedures will be liable for all assessed fees until such procedures are completed.

Withdrawal for Non-Registration

A student who fails to register and/or becomes absent without leave from their program for two or more consecutive terms will normally be withdrawn from the program. The academic record will indicate "withdrawal - did not register." Graduate programs must document that an attempt was made to contact a missing student when recommending a withdrawal for non-registration, and must attempt contact using email, mail, and registered mail.

Required to Withdraw for Non-Academic Reasons

The Faculty of Graduate and Postdoctoral Studies reserves the right to require a student to withdraw from a program of study if the Faculty, in consultation with the graduate program, considers the student to be unsuited to proceed with the study or practice of the chosen discipline or field of study. Request to withdraw for non-academic reasons would not prevent the student from immediately applying for entry into a different program of study. The decision to withdraw a student for non-academic reasons is made by the Dean of the Faculty of Graduate and Postdoctoral Studies.

Reinstatement

This applies when a student's registration has lapsed but the student is permitted to resume the program. Normally, if the student is reinstated, courses that have been completed will be credited to the degree, and only outstanding degree requirements must be completed. The student's start date remains the date of initial entry to the program and the time limit for completion of the degree is not affected.

A student may be reinstated on the recommendation of the graduate program if:

- the student is in good academic standing,



- any delinquent fees or charges are paid including tuition and continuing fees owing for the period during which the student did not register, and
- the time limit for degree completion, including the sessions in which the student was not registered, has not expired.

Sometimes, even if the student is reinstated, he or she does not have enough time left to complete the outstanding degree requirements. A decision, based on the academic merits of the case, will determine whether the student should be readmitted as a new student or reinstated. In the latter case, an extension of the time limit may be requested. In addition, if more than two years have elapsed since the student last registered, the Faculty of Graduate and Postdoctoral Studies may impose additional requirements to ensure that the student is current in the field and is academically prepared to complete the degree requirements.

A student who is required to withdraw for academic reasons is not eligible for reinstatement.

Readmission

This applies when it is appropriate to admit a student who was previously registered, as if for the first time. An application for admission, whether to the same or a different program, will be evaluated as a new application. A new application form and application fee must be submitted.

A maximum of 12 credits or up to 40% of the total number of degree credits of previously completed coursework may be applied toward the new degree program requirements, provided the courses were completed no longer than five years from the date of readmission. Courses eligible for transfer must have been awarded a grade of at least B (74%). Normal program requirements apply, as does the standard time allowed for degree completion: five years for a master's student; six years for a doctoral student.

Last updated: April 19, 2021

Academic Regulations > Student Conduct and Discipline

The President of the University has the right under the British Columbia University Act, R.S.B.C., c. 468, s. 61, to take whatever disciplinary action is deemed to be warranted by a student's misconduct.

See Student Conduct and Discipline (<http://calendar.ubc.ca/vancouver/index.cfm?tree=3,54,0,0>) for specific provisions as to offences, penalties, and procedures.

Last updated: April 19, 2021

Academic Regulations > Academic Record

Transcript of Academic Record

The transcript is a student's official academic record and includes the student's complete record at the University. Student records and transcripts are confidential and transcripts will be issued only at the request of the student or appropriate agencies or officials.

Apply for a transcript online (<http://students.ubc.ca/ssc>) through the Student Service Centre or in person at Enrolment Services in Brock Hall. Please allow at least one week from the date the application is made. Transcripts will not be issued to students who have any outstanding fees, including library and other charges, to the University. Fees for transcripts are payable in advance; transcripts will not be provided until payment is received.

Students are encouraged to order transcripts as early as possible. Transcripts may be requested up to six months in advance of a due date.

Retention of Student Records

UBC academic records, including all information appearing on a Transcript of Academic Record, are retained indefinitely. Notations of student discipline are retained according to the terms of the penalty imposed. Materials supporting applications for admission, correspondence, and transcripts from other institutions and similar material may be destroyed five years after a student's last registration, except for doctoral students, where materials may be destroyed after two years from the date of graduation. Other material may be destroyed sooner.

Students who submit irreplaceable material may request the return of that material. Such requests must be submitted with the original material. The office to which the material is submitted will return the material as soon as possible, and not later than six months after the student's graduation or last registration.

Last updated: April 19, 2021

Academic Regulations > Graduate Student Leaves of Absence

See [On-Leave Status](#).

Last updated: April 19, 2021



Academic Regulations > Graduate Student Parental Accommodation Policy

This policy, V-303: Graduate Student Parental Accommodation Policy (<http://senate.ubc.ca/vancouver/policy-abstracts>), applies to students currently registered in full-time graduate programs at the University of British Columbia, including those administered by faculties other than the Faculty of Graduate and Postdoctoral Studies, who are in Good Standing and making satisfactory progress toward the completion of their degree. Students must have completed at least one term of full-time study in their program. (See also [On-Leave Status](#)).

The policy makes it possible for a student to maintain full-time student status during an eight-week period surrounding the arrival of a new child, with all the benefits of such status, by standardizing a minimum level of academic accommodation during that period.

This policy does not apply to students enrolled in the Pharm.D. program and students in undergraduate programs including the M.D., J.D., and D.M.D. programs.

Students in dual degree programs (e.g., M.D./Ph.D., D.M.D./Ph.D., J.D./M.A.A.P.P.S) may be eligible, through discussion with both programs.

A graduate student with substantial parenting responsibilities for a newborn or newly adopted child under the age of six during their course of study may apply for a parental accommodation.

Parental accommodation periods must be approved by the Dean of the Faculty of Graduate and Postdoctoral Studies; or, in the case of programs not administered by the Faculty of Graduate and Postdoctoral Studies, by their respective Dean.

An application for a parental accommodation shall be made as far in advance of the requested parental accommodation period as possible, with 30 days being the minimum notice allowed.

Students who are approved for parental accommodation will be granted a parental accommodation period.

During the parental accommodation period, the student will continue to be registered as a full-time student, and tuition and student fees must be paid as usual.

Academic deadlines and expectations are to be flexible and modified to accommodate the student's new parental responsibilities, as follows:

- The Parental Accommodation Period needs to be tailored to fit the student's individual circumstances and timing considerations.
- Students will be allowed to postpone completion of course assignments, examinations, and other academic requirements. Such modifications of academic expectations should be mutually agreed upon by the student and her/his supervisor or program advisor in advance of the Parental Accommodation Period.
- It is the responsibility of the student to ensure that this consultation takes place.
- It is the responsibility of the supervisor or advisor to be flexible in her/his expectations.

In the event that a student and his or her supervisor or program advisor cannot come to an agreement regarding the modification of an academic expectation as per above, the Dean shall make a determination on behalf of the Faculty.

Graduate programs that are structured with the regard to the sequencing and scheduling of courses and other academic requirements, such as those that are cohort based, may have particular constraints on modifications to academic scheduling, but are still expected to exercise as much flexibility as possible in supporting a student during a Parental Accommodation Period.

For graduate students enrolled in undergraduate courses, normal concession policies for those courses still apply.

Modification of Time Limits

Students who are approved for parental accommodation will automatically have four months added to their maximum allowable time in program, and, for doctoral students, to their maximum allowable time to advance to candidacy.

Individual graduate programs are expected to extend any internal deadlines for the completion of academic requirements (such as comprehensive exams or coursework) by a minimum of four months.

Further extensions beyond these minimums are possible, subject to the approval of both the graduate program and the Faculty of Graduate and Postdoctoral Studies or the administering Faculty.

Graduate Awards and Fellowships

A graduate student granted a parental accommodation period retains the full value of any fellowship or other award for which the terms and conditions are established by the Faculty of Graduate and Postdoctoral Studies and will experience no change in this funding during the parental accommodation period.



Payments will continue on the usual schedule. There will be no change to the total amount granted or to the completion date of the scholarship.

Awards for which the terms and conditions are not established by the Faculty of Graduate and Postdoctoral Studies will be paid according to the terms conditions established by the donor or granting agency.

Last updated: April 19, 2021

Academic Regulations > Graduate Student Vacation Policy

Graduate students are entitled to three weeks of vacation (15 working days) from the academic obligations per academic year.

- For the purposes of calculating vacation allotments, the academic year means the period of time from September 1 to August 31 of the following year.
- Any vacation time taken during the period between the Christmas and New Year statutory holidays is not debited from the three-week vacation.
- Vacation allotments will be prorated for the portion of the year in which a student is registered.
- Vacation leave will not interrupt disbursement of student stipends or merit-based student financial assistance.
- There will be no vacation pay in lieu of any vacation time not taken.
- The exact duration and timing of any vacation, including extensions of vacation, are subject to prior approval by the student's supervisor and by any faculty member providing the student with Graduate Research Assistantship (GRA) funding. Vacation must be arranged so that there is minimal impact to the student's research and other obligations to the University.
- This policy does not affect a student's employment as a Graduate Teaching Assistantship (GTA) or Graduate Academic Assistantship (GAA). This policy does not affect any vacation or leave provisions specified in the collective agreement for GTA positions.
- Attendance at academic conferences shall not be considered vacation time.
- Student vacation requests within these guidelines will not be unreasonably denied.
- Should a conflict arise between a student's vacation request and a supervisor's expectations, the Graduate Program Advisor will make a final determination.

Last updated: April 19, 2021

Awards and Scholarships

Awards and Scholarships > Introduction

The University offers a wide range of programs to recognize students with high academic achievement and to provide financial assistance to those who cannot meet basic education costs. Academic merit-based awards (<http://grad.ubc.ca/awards>) for graduate study are administered by the Dean's Office, Faculty of Graduate and Postdoctoral Studies. Financial need-based awards are administered by Enrolment Services (<http://students.ubc.ca/enrolment/finances>), The University of British Columbia, 1036-1874 East Mall, Vancouver, BC, Canada, V6T 1Z1; telephone 604.822.9836.

Financial support for graduate students usually comes from the following sources:

- Merit-based awards, scholarships and fellowships administered by the Faculty of Graduate and Postdoctoral Studies, including Four Year Fellowships (4YF) for Ph.D. Students, Izaak Walton Killam Doctoral Fellowships, Affiliated Fellowships, Graduate Support Initiative (GSI) Awards, endowed awards and annual awards.
- External funding agencies including Natural Science and Engineering Research Council (NSERC), Social Science and Humanities Research Council (SSHRC), the Canadian Institutes of Health Research (CIHR), the Michael Smith Foundation for Health Research, and others.
- Tuition awards administered by the Faculty of Graduate and Postdoctoral Studies.
- UBC teaching and research assistantships administered by individual graduate programs.
- Need-based awards and financial assistance including loans, bursaries, work/study program, and emergency assistance.

Award recipients are required to accept and adhere to a number of funding terms and conditions, including:

- **Registration:** Award payments will only be made to students who are registered as full-time UBC graduate students. Award holders are required to maintain registration for the duration of their award funding period.
- **Hours of Employment:** Award holders are required to limit their number of hours of employment to an average of 12 hours per week.
- **Completion of Program:** Students will have their award pro-rated to the end of the month in which they complete their degree requirements.
- **Withdrawal of Program:** Students will have their award pro-rated to the date by which their withdrawal from their degree program is effective.
- **Leave from Program:** Students are not eligible to receive their award during academic terms in which they are officially on-leave from their program.

For complete terms and conditions, visit Graduate Awards (<http://www.grad.ubc.ca/prospective-students/scholarships-awards-funding>).

Last updated: April 19, 2021



Awards and Scholarships > Merit-Based Awards

Four Year Fellowships (4YF) for Ph.D. Students

Four Year Fellowships (4YF) for Ph.D. Students provide tuition fees plus \$16,000.00 per year to full-time Ph.D. students for years one through four or years two through five of their Ph.D. program. Approximately 180 new 4YFs are awarded each year on the basis of merit to students regardless of citizenship and visa status. Continued 4YF support is subject to satisfactory academic progress.

Students who receive Tri-council or other external awards must accept such awards. Tri-council award recipients (except Vanier and CGSD award holders) will receive an annual 4YF-funded tuition award in addition to their external award funding. 4YF award holders who also hold external awards will receive 4YF funding when their external award ends for the remainder of the first four years of their Ph.D. program.

4YFs are allocated to graduate programs using quality input and outcome measures related to the performance of their Ph.D. students. Allocations will be reviewed annually and adjusted according to performance. Graduate programs then offer 4YFs to the best and brightest full-time Ph.D. students, normally to commencing Ph.D. students. Students applying for enrolment in the Ph.D. will automatically be considered by their graduate program for the award of an 4YF. Graduate programs will establish and publish criteria by which they award their 4YFs.

Students should contact their graduate program for further information.

The funds for the 4YFs are made available from the University budget and various graduate student award budgets.

Graduate Support Initiative

The Graduate Support Initiative (GSI) is a program for funding graduate students through entrance scholarships, multi-year funding packages, tuition awards, and scholarship top-ups. Students who are enrolled in Ph.D., D.M.A., or master's programs (except full cost-recovery programs) are eligible for the GSI. Both domestic and international students are eligible for GSI funding. Each faculty and the College for Interdisciplinary Studies will establish and publish criteria by which the GSI funding will be distributed. Students should refer questions regarding the application process to their graduate program or faculty.

Izaak Walton Killam Doctoral Fellowships

The Izaak Walton Killam Doctoral Fellowships are the most prestigious awards available to graduate students at UBC. The awards are funded from an endowment to the University from the I. W. Killam Trust. Awards are made each year to the top doctoral candidates in the Affiliated Fellowship competition. The fellowships are offered for a two-year term, with a stipend of \$27,500.00 per annum and a travel/research allowance of \$2,000.00 over two years. The value of the awards is reviewed annually. No special application is required since all Affiliated Fellowship nominations are automatically considered for Killam Doctoral Fellowships.

Affiliated Fellowships

Awards are made on the basis of merit, and are open to any graduate student regardless of citizenship or visa status. Fellowships cover a twelve-month period beginning September 1 and are offered for either one or two years. Fellowship values range from \$200.00 to \$25,000.00 per annum.

The Faculty of Graduate and Postdoctoral Studies administers an annual competition that provides approximately 75 graduate fellowships to students who are engaged in full-time study or research leading to a graduate degree. The funds for these awards are made available from various endowed and annual award budgets.

Awards are made on the basis of nominations provided by graduate programs to the Faculty of Graduate and Postdoctoral Studies. Students must contact their graduate programs for deadline dates (generally in mid- to late September). Recipients are notified in late April.

Department-Recommended Awards

There are a number of awards available to graduate students in specific fields of study. Details can be found at Graduate Awards (<http://grad.ubc.ca/awards/index.asp>). These awards are normally made on the recommendation of a graduate program or Faculty. In many cases students are automatically recommended by their programs; in other cases programs may hold an internal competition to which students must apply. Students should contact their graduate programs to discuss the process by which department-recommended awards are given out.

Travel Awards

Graduate students are eligible for the Graduate Student Travel Fund once per degree program. The Travel Fund provides one-time travel support, to a maximum of \$400.00, to a student who presents a paper or poster at an official conference or symposium (student workshops are ineligible) while they are enrolled full-time in a graduate degree program.

Last updated: April 19, 2021

Awards and Scholarships > Awards from External Funding Agencies



Vanier Scholarships

The Vanier Canada Graduate Scholarships offered by NSERC, SSHRC, and CIHR aim to attract and retain world-class doctoral students. Both domestic and international students are eligible. Candidates must be nominated by a Canadian university, and the Vanier Scholarships must be held by the student at the university that nominated them. For more information visit NSERC (<http://www.nserc.gc.ca>), SSHRC (http://www.sshrc.ca/web/home_e.asp), and CIHR (<http://www.cihr-irsc.gc.ca/>).

Natural Sciences and Engineering Research Council (NSERC)

NSERC administers Canada-wide scholarship competitions for graduate students in natural sciences and engineering disciplines. Most, but not all, competitions are open only to Canadian citizens or permanent residents. Awards are made on the basis of academic excellence and research potential/ability.

Students should discuss eligibility and application procedures with their graduate program. The deadline for submission of NSERC scholarship applications by students to their graduate programs is mid- to late September. Graduate programs nominate their top applicants to the Faculty of Graduate and Postdoctoral Studies, which convenes a University-wide committee that selects UBC's quota of ranked nominations. These nominations are forwarded to NSERC in time to meet the late November national deadline. Competition results are announced in March. For more information visit NSERC (<http://www.nserc.gc.ca>).

Social Sciences and Humanities Research Council (SSHRC)

SSHRC administers a national competition for doctoral and master's students in the social sciences and humanities. The competitions are open only to Canadian citizens or permanent residents. Awards are made on the basis of academic excellence and research potential/ability.

The deadline for submission of SSHRC scholarship applications by students to their graduate programs is mid- to late September. Graduate programs nominate their top applicants to the Faculty of Graduate Studies, which convenes a University-wide adjudication committee. In accordance with quotas established by SSHRC, UBC sends lists of the highest-ranking candidates to the Council in January. For more information visit SSHRC (http://www.sshrc.ca/web/home_e.asp).

Canadian Institutes of Health Research (CIHR)

CIHR administers Canada-wide scholarship competitions for graduate students in health sciences research. The competitions are open only to Canadian citizens or permanent residents. Awards are made on the basis of academic excellence and research potential/ability.

The deadline for submission of CIHR Master's scholarship applications by students to their graduate programs is mid- to late September. Graduate programs nominate their top applicants to the Faculty of Graduate and Postdoctoral Studies, which convenes a University-wide adjudication committee. In accordance with quotas established by CIHR, UBC sends lists of the highest-ranking candidates to CIHR in late January. CIHR competition results are announced in spring and early summer. For more information visit CIHR (<http://www.cihr-irsc.gc.ca/>).

Michael Smith Foundation for Health Research

The Michael Smith Foundation for Health Research administers an annual competition for BC graduate students in health sciences research. Applications are accepted by the Michael Smith Foundation in mid-November. For more information visit MSFHR (<http://www.msfhr.org>).

In addition to the funding agencies listed above, funding is offered by the British Columbia Innovation Council, the Trudeau Foundation, ACCELERATE BC, and many others. For information on these and other research awards administered by the Faculty of Graduate and Postdoctoral Studies, visit Graduate Awards (<http://grad.ubc.ca/awards>).

Last updated: April 19, 2021

Awards and Scholarships > Minimum Funding for Ph.D. Students

The University of British Columbia is committed to ensuring that financial support is provided to all students enrolled in full-time PhD programs.

Students enrolled in a full-time PhD program are assured a Minimum Funding Package for the first four years of full-time study. Funding can be used towards expenses related to the academic program (e.g., tuition, books) as well as general living expenses. Minimum funding is an annual commitment spanning three academic terms per year for four years and is conditional on full-time registration. Full-time students typically devote a minimum of 35-40 hours per week to academic activities (e.g., research, teaching or research assistantship, professional development) related to their studies.

The Minimum Funding Package may be provided through any one or more of the following: internal or external awards and scholarships, graduate academic assistantships, teaching employment (e.g., teaching assistantships, sessional lecturers) and/or research assistantships. At the request of the student, other employment in the field of the student's research may be considered part of the funding package, whether the work occurs on or off campus (e.g., continuation of part-time nursing practice to maintain professional skills and to understand current research needs in that setting). If a student receives additional funding (e.g., a scholarship, etc.) that elevates the amount of the funding package above the minimum amount per year, support from other components of the funding package may be reduced. The funding package amount is the minimum, and actual student support will be higher in many



cases.

The Minimum Funding Package is inclusive of vacation pay and benefits, as well as external awards or sponsorships, if applicable. It does not include the International Tuition Award.

Students must apply for major scholarships as required by their Graduate Program to continue to qualify for the Minimum Funding Package. Students may be required to disclose their sources of university or scholarship funding, as well as other income sources to the Graduate Program and must inform the Program immediately of new or additional funding sources.

The Minimum Funding Package does not apply to students enrolled in a Part-time Doctoral Program or those enrolled in Doctor of Education (EdD) or Doctor of Musical Arts (DMA) programs.

Students must satisfy academic progression requirements and maintain good standing in the program to maintain funding eligibility. See '[Academic Regulations](#)'.

Students who complete their degree requirements are no longer eligible to receive funding. Students who complete degree requirements in less than four years may forfeit a portion of their financial support. Students who withdraw, change to part-time status, or are approved for a leave of absence may no longer be eligible for funding or may be subject to repayment or pro-rating of their funding.

Students transferring from a UBC master's to a PhD program without completing the master's program will be eligible for the Minimum Funding Package once enrolled in a full-time PhD program. In line with UBC academic policies, the start of the PhD program for these students will be the date of first registration in the master's program. Hence, a student who transfers to a PhD after one year of master's study will be provided with a Minimum Funding Package for the next three years.

The student may decline all or part of the package after acceptance of an offer of admission without any prejudice to his/her admission. Where the student declines all or part of the Minimum Funding Package at the time of admission, the Graduate Program must submit a written statement to G+PS, signed by the student, which acknowledges that the University has met its obligations. If the student requires a funding package in the future due to a change in situation, the Graduate Program and Supervisor will make their best effort to secure funding, though this might not be possible as funding sources may already be fully committed.

The Minimum Funding Policy will be reviewed annually by the Graduate Council. The Council will decide on any increases in the amount of the minimum funding, and the amount will be published on the Faculty of Graduate and Postdoctoral Studies website (<http://www.grad.ubc.ca/awards/minimum-funding-po> <http://www.grad.ubc.ca/awards/minimum-funding-policy-phd-students>). Any annual increases will apply to both new and current eligible doctoral students.

Last updated: May 27, 2021

Awards and Scholarships > International Tuition Awards

International graduate students registered in some Master's and doctoral programs are eligible for an International Tuition Award which is applied to assist with their tuition fees. If a program's students are eligible for the International Tuition Award, the amount of award funding is listed along with other tuition information on the Faculty of Graduate and Postdoctoral Studies website. Students are eligible as long as they are not recipients of external scholarships or external funding that pays their tuition.

International students in eligible programs are automatically considered for this award by the Faculty of Graduate and Postdoctoral Studies and do not need to apply.

Last updated: May 27, 2021

Awards and Scholarships > Teaching and Research Assistantships

Student service appointments are intended to help qualified graduate students meet the cost of their studies at the University. Student appointments may involve part-time duties in teaching, research, or other academic activities. Normally, only those students registered full-time in the Faculty of Graduate and Postdoctoral Studies are eligible. Appointments offered to students prior to their admission to the Faculty are contingent upon admission.

Teaching Assistantships (TAs)

Most graduate programs have a limited number of TAs available for registered full-time graduate students. Full teaching assistantships involve 12 hours work per week in preparation, lecturing, or laboratory instruction although many graduate programs offer partial TA appointments at less than 12 hours per week. Teaching assistantship rates are set by collective bargaining between the University and the Teaching Assistants' Union, a local of the Canadian Union of Public Employees. TA appointments are co-ordinated and administered at the departmental level.

Since 1996/97, ten Teaching Prizes that include a Certificate and \$1,000.00 are offered to UBC teaching assistants.

Research Assistantships (RAs)



Many professors are able to provide RAs from their research grants to support full-time graduate students under their supervision. The duties constitute part of the student's graduate degree requirements. Research assistantships are coordinated and administered at the program level. Stipends vary widely and are dependent on the field of study and the type of research grant from which the assistantship is being funded.

The entire stipend of a research assistantship is considered a scholarship, the conditions of which may be specified by the granting agency. For tax purposes, the stipend is considered an award rather than payment for work. Appointments may be for any specified period satisfactory to the grantee, and conditions of appointment may be specified by the granting agency. A research assistantship is a form of financial support for a period of graduate study and is therefore not covered by a collective agreement.

Note: Research assistantships are less common in the humanities and social sciences.

Last updated: May 27, 2021

Awards and Scholarships > Need-Based Awards for Graduate Students

Need-based awards are administered by Enrolment Services. For more information telephone 604.822.9836 or visit students.ubc.ca (<http://students.ubc.ca>).

Last updated: May 27, 2021

Degrees Offered

Doctor of Education	Ed.D.
Doctor of Musical Arts	D.M.A.
Doctor of Philosophy	Ph.D.
Master of Advanced Studies in Architecture	M.A.S.A.
Master of Advanced Studies in Landscape Architecture	M.A.S.L.A.
Master of Applied Science	M.A.Sc.
Master of Architecture	M.Arch.
Master of Archival Studies	M.A.S.
Master of Arts	M.A.
Master of Arts in Asia Pacific Policy Studies	M.A.A.P.P.S.
Master of Arts in Planning	M.A.P.
Master of Community and Regional Planning	M.C.R.P.
Master of Digital Media	M.D.M.
Master of Education	M.Ed.
Master of Educational Technology	M.E.T.
Master of Fine Arts	M.F.A.
Master of Food and Resource Economics	M.F.R.E.
Master of Food Science	M.F.S.
Master of Forestry	M.F.
Master of Geomatics for Environmental Management	M.G.E.M.
Master of Global Surgical Care	M.G.S.C.
Master of Health Administration	M.H.A.
Master of Health Science	M.H.Sc.
Master of High Performance Coaching and Technical Leadership	M.H.P.C.T.L.
Master of International Forestry	M.I.F.
Master of Journalism	M.J.
Master of Kinesiology	M.Kin.
Master of Land and Water Systems	M.L.W.S.
Master of Landscape Architecture	M.L.A.
Master of Laws	LL.M.
Master of Laws (Common Law)	LL.M.(CL)



Master of Laws in Taxation	LL.M. in Taxation
Master of Library and Information Studies	M.L.I.S.
Master of Museum Education	M.M.Ed.
Master of Music	M.Mus.
Master of Nursing	M.N.
Master of Nutrition and Dietetics	M.N.D.
Master of Occupational Therapy	M.O.T.
Master of Physical Therapy	M.P.T.
Master of Public Health	M.P.H.
Master of Public Policy and Global Affairs	M.P.P.G.A.
Master of Rehabilitation Science	M.R.Sc.
Master of Science	M.Sc.
Master of Science in Business Administration	M.Sc.B.
Master of Science in Nursing	M.S.N.
Master of Science in Planning	M.Sc.P.
Master of Social Work	M.S.W.
Master of Sustainable Forest Management	M.S.F.M.
Master of Urban Design	M.U.D.
Master of Urban Forestry Leadership	M.U.F.L.

Some dual degree program options are also available.

Last updated: May 27, 2021

Degree Programs

Degree Programs > Introduction

UBC's Faculty of Graduate and Postdoctoral Studies is one of Canada's largest graduate communities with approximately 10,000 students working in more than 70 academic units toward one of 300+ degree program options (<http://www.grad.ubc.ca/prospective-students/graduate-degree-programs>).

Last updated: May 27, 2021

Degree Programs > Adult Learning and Education

Degrees Offered: M.Ed.

Members

Professors

M. Kovach, A. Mazawi, T. Sork, A. Taylor, P. Walter.

Professors Emeriti

R. Boshier, S. Butterwick, D. Pratt, K. Rubenson.

Associate Professors

J. Chan, H. Shan, M. Stack, R. Van Wynsberghe.

Assistant Professors

J. Walker.



Program Overview

The mission of the Adult Learning and Education graduate program at UBC is to contribute to the creation, elaboration, exchange and application of knowledge concerning the education and learning of adults wherever they occur. This includes the development of scholars and reflective practitioners who will shape society and its institutions in ways that promote lifelong education and learning for all.

The Adult Learning and Education graduate program offers a Master of Education (M.Ed.) in Adult Learning and Education. The Master of Arts (M.A.) in Educational Studies program also offers a concentration in Adult Learning and Education. Both M.Ed. and M.A. programs are also available as part-time studies.

Students wishing to pursue doctoral studies in the field of Adult Learning and Education should apply to the Doctor of Philosophy program in [Educational Studies](#) or the Doctor of Education program in [Educational Leadership and Policy](#).

Program Requirements

Master of Education

The M.Ed. program is considered a professional degree for people who wish to work as practitioners in any adult education setting, most often as instructors, program planners, consultants or administrators. It is a 30-credit program with required and elective courses.

All on-campus master's students take a core of 9 credits of the following adult learning and education courses:

- EDST 503 (3)
- EDST 514 (3)
- EDST 518 (3)

These core courses are supplemented with electives that allow students to deepen their study of adult learning and education or to explore topics and issues addressed elsewhere in the department and the university that have implications for adult learning and education.

Students must also take a 3-credit research methods course approved by their pro-tem advisor (for available options, refer to the Program's website).

To complete their 30-credit program, students can a) complete 15 credits of electives and the 3-credit graduating paper (EDST 590); or b) complete 18 credits of electives.

Detailed information about application and course requirements for the M.Ed. is available online (<http://edst.educ.ubc.ca/programs/adult-learning-and-education/>).

Contact Information

Department of Educational Studies
6445 University Boulevard
Vancouver, BC, Canada V6T 1Z2
Tel: 604.822.6647
Fax: 604.822.4244
Email: grad.edst@ubc.ca
Web: <http://edst.educ.ubc.ca/programs/adult-learning-and-education/> Graduate Program Assistant

Last updated: May 27, 2021

Degree Programs > Adult Learning and Global Change

Degree Offered: M.Ed.

Members

Professors

M. Kovach, A. Mazawi, T. Sork, A. Taylor, P. Walter

Professors Emeriti

S. Butterwick, K. Rubenson.

Associate Professors



J. Chan, H. Shan, M. Stack, R. VanWynsberghe

Assistant Professor

J. Walker

Program Overview

UBC, in cooperation with universities in South Africa (University of the Western Cape) and Sweden (Linköping University), offers an innovative online, coursework-only, professional graduate program in Adult Learning and Global Change. Instructors in required courses are drawn from these four universities, so students benefit from a truly international instructional staff.

This program is for those seeking multiple, critical perspectives on the central role adult learning plays as individuals and communities engage with the positive and negative effects of globalization. The program attracts those interested in international development work, cross-cultural education and training, the role of education in addressing various global health and environmental issues, promoting social justice in the face of economic globalization, and learning more about adult education around the world.

Master of Education

Admission Requirements

Applicants to the M.Ed. program are expected to meet the admission requirements of the [Faculty of Graduate and Postdoctoral Studies](#).

For detailed information about admission requirements, please see the Program (<http://edst.educ.ubc.ca/programs/adult-learning-and-global-change/>).

Program Requirements

Students proceed through the two-year, 30-credit M.Ed. program as a cohort drawn from the four participating institutions and will get to know one another well, working together in various groupings throughout the program.

Required courses are sequenced so that, with careful planning of electives, all requirements can be completed in 24 months. The 9 credits of electives may be taken at any time and are usually selected from on-campus courses (for those in the Vancouver area), from various distance-mode courses at UBC and elsewhere, and from directed studies courses tailored to student interests. For detailed information about course requirements, please see the Program (<http://edst.educ.ubc.ca/programs/adult-learning-and-global-change/>).

Contact Information

Department of Educational Studies
Education Centre at Ponderosa Commons
6445 University Boulevard
Vancouver, BC, Canada V6T 1Z2
Tel: 604.822.
Fax: 604.822.4244
Email: grad.edst@ubc.ca
Web: <http://edst.educ.ubc.ca/programs/adult-learning-and-global-change/>
Graduate Program Assistant

Last updated: May 27, 2021

Degree Programs > Agricultural Economics

Degree Offered: M.Sc., M.F.R.E.

Members

Professors

R. Barichello, S. Gulati, C. McAusland, J. A. Vercammen.

Assistant Professor

M. Margulis, F. Noack.



Program Overview

The Food and Resource Economics (FRE) graduate program offers both a research master's degree, the Master of Science (M.Sc.) in Agricultural Economics, and a professional master's degree, the Master of Food and Resource Economics (M.F.R.E.). The M.Sc. is designed for careers where research is a main component, while the M.F.R.E. is designed for careers in industry or government.

In both degrees, coursework provides students with rigorous training in applied economics and quantitative methods. In the M.Sc., students develop specialized research skills by working with faculty throughout UBC on important real-world issues. In the M.F.R.E., students combine applied economics with policy analysis and agribusiness management, enabling them to analyze issues in the food and resource sectors.

FRE faculty members have direct experience working in the food and resource sectors, both domestically and internationally in Europe and Asia, particularly with developing countries.

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program will normally possess a bachelor's degree in agricultural economics or a related area, and are expected to meet the admission requirements of the [Faculty of Graduate and Postdoctoral Studies](#).

Program Requirements

The M.Sc. program can normally be completed in 18 to 20 months. After completing at least 18 credits of coursework, a thesis is written under the guidance of a UBC-wide committee that is chaired by a FRE faculty member. On occasion a course-based option is pursued. With the thesis option, students with an adequate undergraduate background in economic theory, mathematical economics, and quantitative methods must complete FRE 501, ECON 500, 526, 527, and two field courses, which may be at the senior undergraduate level. Students without an adequate background must take additional preparatory courses.

The thesis normally involves identifying a research topic mutually agreed upon by the student and supervising faculty, undertaking an extensive review of the literature, developing the appropriate theoretical framework, and then performing some form of empirical analysis.

Master of Food and Resource Economics

Admission Requirements

Students admitted to the M.F.R.E. degree program will normally possess a bachelor's degree in economics, agricultural economics or a related area, and are expected to meet the admission requirements of the [Faculty of Graduate and Postdoctoral Studies](#).

Program Requirements

The M.F.R.E. program requires 30 credits of coursework over 12 months of intensive study, beginning in September. In Winter Session, students complete 18 credits of required graduate courses (or approved alternatives) and 6 credits of restricted electives. The required graduate courses are normally selected from the following list:

- FRE 501 (3): Commodity Markets and Price Analysis
- FRE 502 (3): Food Market Analysis
- FRE 504 (1.5): Agricultural and Resource Policy Analysis
- FRE 505 (1.5): Agricultural and Resource Policy Analysis – Policy and Project Evaluation Tools
- FRE 515 (3): Agribusiness Management
- FRE 516 (3): Financial and Marketing Management in Agri-food Industries
- FRE 517 (1.5): Futures Trading in Agricultural Commodities
- FRE 518 (1.5): Survey Design and Data Analysis
- FRE 523 (1.5): Resource Economics I
- FRE 524 (1.5): Resource Economics II
- FRE 526 (1.5): Environmental Economics and Policy: Theory
- FRE 527 (1.5): Environmental Economics and Policy: Empirical Analysis
- FRE 528 (3): Applied Econometrics
- FRE 529 (1.5): Estimating Econometric Models
- FRE 530 (1.5): Econometrics with Time Series Data
- FRE 541 (1.5): Project Monitoring and Evaluation in International Development
- FRE 585 (3): Quantitative Methods for Business and Natural Resource Management

Any FRE graduate courses from the list above that do not comprise the 18 credits of required graduate courses can be used towards restricted electives.

Restricted electives can also be upper-level undergraduate courses in ECON or FRE, provided they are pre-approved by the MFRE Academic Advisor.



In Summer Session, students undertake a 6-credit graduating project (FRE 547) under the supervision of FRE faculty and professional economists in industry and government.

Contact Information

Admission & Administrative Coordinator
Faculty of Land and Food Systems
291-2357 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.8373
Fax: 604.822.4400
Email: ifs.gradapp@ubc.ca
Web (MFRE): www.mfre.landfood.ubc.ca/ (<http://www.mfre.landfood.ubc.ca/>)

Last updated: May 27, 2021

Degree Programs > Anatomy and Cell Biology

Not accepting applications for admission. Applicants interested in study of anatomy, cell biology, and physiology are encouraged to apply to the Graduate Program in Cell and Developmental Biology, an Interdisciplinary Program in the Faculty of Medicine.

Degrees Offered: Ph.D., M.Sc.

Program Overview

The Division of Anatomy and Cell Biology offers opportunities and facilities for advanced studies in anatomy, cellular biology, and neurobiology leading to the Master of Science and Doctor of Philosophy. Members of the division undertake research programs in a wide range of basic and clinically relevant areas. Special research areas include cell and developmental biology, neurobiology, oncology, immunology, muscular dystrophy, muscle and membrane biophysics, and morphological aspects of cell structure and function at the light and electron microscopic levels.

The division is well equipped and has the following: transmission electron microscopes, fluorescence and photo-microscopes, confocal microscope, video image analysis, freeze-fracturing equipment, ultramicrotomes, molecular biology facilities and equipment, tissue culture facilities, spectro-photometric and radioisotope equipment, electrophysiological instrumentation, laser diffraction equipment, and ultracentrifuges.

Doctor of Philosophy

Admission Requirements

Applicants to the Ph.D. program are expected to meet the admission requirements of the [Faculty of Graduate and Postdoctoral Studies](#). Transfer from the M.Sc. to the Ph.D. program is permitted under regulations set by the Faculty and Postdoctoral of Graduate Studies.

Program Requirements

Appropriate coursework will be selected in consultation with the student's supervisory committee. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program will normally possess a bachelor's degree in anatomy, cellular biology, or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.Sc. program requires completion of a minimum of 30 credits, including a 12-credit research thesis and at least 18 credits of coursework. Coursework may be selected in consultation with the student's supervisory committee.

Contact Information

Graduate Program in Cell and Developmental Biology
1347-2350 Health Sciences Mall
Vancouver, BC, Canada V6T 1Z3



Tel: 604.822.2671
Fax: 604.822.2316
Email: cell.grad@ubc.ca
Web: www.cell.ubc.ca (<http://www.cell.ubc.ca>)

Last updated: May 27, 2021

Degree Programs > Ancient Culture, Religion, and Ethnicity

Degree Offered: M.A.

Members

Professors

L. Bablitz, E. Cooper, F. DeAngelis, C. W. Marshall, T. Schneider

Associate Professors

R. Cousland, G. E. Gardner, M. Griffin, S. McElduff, S. J. Milstein

Assistant Professors

M. Daniels, K. Fisher, K. Huemoeller, G. A. Keddie, M. McCarty, F. Yoon

Program Overview

The graduate program in Ancient Culture, Religion, and Ethnicity offers a course of instruction leading to a Master of Arts (M.A.). For detailed information, see the Program (<http://cnrs.ubc.ca/for-graduates/graduate-programs/>).

Master of Arts

Admission Requirements

Students admitted to the M.A. program must possess a Bachelor of Arts in Classics (Greek and Latin), Classical Studies (non-language program), Near Eastern Studies, Religious Studies, or a related discipline, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

For details on the language prerequisites, see the Program (<http://cnrs.ubc.ca/for-graduates/admission/>).

Program Requirements

The M.A. program requires 24 credits of coursework and the writing of an MA thesis worth 6 credits (CNRS 549). The 24 credits of coursework must include CNRS 500, and 18 must be numbered 500 or higher. The remaining 6 credits may, at the discretion of the program, be at the 300- or 400-level.

Ancient Language Requirements

Entry into the program requires at least 18 credits at the 300 and 400 level in Classical, Near Eastern and Religious Studies, and/or in classical languages. For details on language prerequisites see the Program (<http://cnrs.ubc.ca/for-graduates/admission/>).

Modern Language Requirements

Students are required to demonstrate reading knowledge of an approved modern language (usually French, German or Italian). This requirement must be met before the end of the first year of study. Any courses taken to satisfy this requirement do not count towards the 30 credits required for the program.

Contact Information

Department of Classical, Near Eastern and Religious Studies
Buchanan C227, 1866 Main Mall
Vancouver, BC, Canada V6T 1Z1
Tel: 604.827.1635
Email: cnrs.grad@ubc.ca
Web: www.cnrs.ubc.ca (<http://www.cnrs.ubc.ca>)
Sheri Pak, Graduate Program Advisor



Degree Programs > Anthropology

Degrees Offered: Ph.D., M.A.

Members

Professors Emeriti

J. Barker, T.M. Blake, J. Cruikshank, D.L. Pokotylo, R.G. Matson, P. Shaw

Professors

A. Bloch, W. Davis, G. Gordillo, H. Gusterson, A. Martindale, C. Menzies, B. G. Miller

Associate Professors

C. Blackburn, M. R. Creighton, T. Heatherington, Z. Jing, V. Kamat, J. Kramer, N. Levell, P. Moore, S. Muehlmann, L. Robertson, S. Rowley, S. Shneiderman, M. Turin, D. A. Weston.

Assistant Professor Emeritus

W.H. McKellin

Assistant Professors

D. Rosenblum, C. Speller.

Program Overview

UBC offers graduate study in the fields of socio-cultural anthropology (including legal, medical, and ecological anthropology, oral and expressive cultures, religion, migration, social inequity, and applied anthropology), linguistic anthropology, anthropological archaeology, biological anthropology, and museum studies. Faculty geographical research interests include North America (especially the Northwest Coast and Canadian Arctic); Asia (Japan, Korea, China, and Nepal); Europe (France, Italy); Eurasia (Russia, Turkey); Mesoamerica and the Caribbean; South America (Argentina, Mexico, Colombia); Oceania; and Africa (Tanzania).

The program provides training in quantitative, qualitative, archaeological and museum methods. Extensive research facilities are available in the Museum of Anthropology, and in the Laboratory of Archaeology. The UBC Library has excellent collections to support program interests, as well as providing access to all past UBC theses and dissertations online, and to the Human Relations Area files. Anthropology has a dedicated graduate computer lab with a wide range of software to support quantitative and qualitative research. Interdisciplinary contacts are encouraged, and links are maintained with many other departments, institutes and programs such as Asian Studies; Classical, Near Eastern, and Religious Studies; Geography; History; Linguistics; Sociology; the Institute for Critical Indigenous Studies; the School of Journalism, Writing, and Media; the Institute for Gender, Race, Sexuality and Social Justice (GRSJ); and the School of Public Policy and Global Affairs, as well as with Established Research Excellence Clusters, such as the Language Sciences Initiative, and Migration.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess an M.A. degree in anthropology or a related area, with clear evidence of research ability or potential (for details, see the M.A. admission requirements below).

Program Requirements

The Ph.D. degree proceeds in two stages. A student first gains full standing as a doctoral student within the program by completing: (a) a 12-month residency; (b) a minimum of 18 credits of coursework; (c) an acceptable research proposal; and (d) satisfactory performance in a comprehensive examination. Unless completed in the M.A., coursework for the Ph.D. is to include: ANTH 500 (History of Anthropological Thought) (6 credits); ANTH 506 (Current Research in Anthropology) (3 credits); and an advanced methodology course, selected in consultation with the student's supervisor (ANTH 516, 517, 518 or ARCL 517) (3 credits). Following the comprehensive exam, Candidates undertake a substantive independent research project that is normally based in large part on field research. This forms the basis of their dissertation.

All doctoral students are required to complete a comprehensive examination successfully. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements. Students are expected to complete their degree program within a maximum of six years.



Master of Arts

Admission Requirements

Students admitted to the M.A. degree program must possess a B.A. degree in anthropology or an equivalent training in anthropology, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.A. is based upon a combination of coursework, research, and a thesis. Most students earn their degree within two years of starting the program; it is possible for a well-organized person to complete degree requirements during the first 12 to 18 months of study. Compared to the Ph.D., the M.A. is a structured course of study. Students must successfully complete 30 credits:

- ANTH 500 History of Anthropology (6)
- ANTH 506 Current Research in Anthropology (3)
- an advanced anthropological methods course (3)
- two 3-credit courses outside of the student's sub-disciplinary specialty; Students are encouraged to take at least three credits of these in Anthropology (6)
- at least 6 credits of elective courses
- a 6-credit thesis, which is initiated after submitting an approved thesis proposal

Contact Information

Department of Anthropology
6303 NW Marine Drive
Vancouver, BC, Canada V6T 1Z1
Tel: 604.822.2546
Fax: 604.822.6161
Email: anth.grad@ubc.ca
Web: www.anth.ubc.ca (<http://www.anth.ubc.ca>)
Kara Holzer, Graduate Program Coordinator

Last updated: May 27, 2021

Degree Programs > Applied Animal Biology

Degrees Offered: Ph.D., M.Sc.

Members

Professors Emeriti

R. Rajamahendran, T. Sullivan, J.R. Thompson

Professors

A. Farrell, D. Fraser, M. A. G. von Keyserlingk, D. M. Weary.

Associate Professor

R. Cerri.

Assistant Professor

A. Protopopova.

Program Overview

Applied Animal Biology offers opportunities for advanced study and research leading to M.Sc. and Ph.D. degrees in animal physiology, behaviour, welfare, and management of livestock, aquaculture, and wildlife species. Graduate training in applied animal biology normally involves a combination of courses in both basic and applied sciences, with research leading to a thesis or dissertation. Students are expected to publish their research results in relevant leading international refereed journals. Coursework selected in consultation with the student's supervisory committee includes graduate courses in areas relevant to each student's research.

The program is enriched through collaboration with colleagues in other graduate programs such as Zoology, and with agencies such as Agriculture and



Agri-Food Canada, Fisheries and Oceans Canada, Canadian Wildlife Service, and the Society for the Prevention of Cruelty to Animals.

On-campus teaching and research facilities are located in the MacMillan Building. Off-campus research facilities available to students include: the UBC Dairy Education and Research Centre in Agassiz; shared research facilities at Fisheries and Oceans Canada at West Vancouver; and Agriculture and Agri-Food Canada.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess an M.Sc. degree in animal science, applied animal biology, or a related area, with clear evidence of research ability or potential, and must meet the general admission requirements set by the Faculty of Graduate and Postdoctoral Studies. Transfer from the M.Sc. to the Ph.D. program is permitted under Faculty of Graduate and Postgraduate Studies regulations.

Program Requirements

Appropriate coursework is selected in consultation with the student's supervisory committee. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program normally possess a B.Sc. degree in animal science, applied animal biology, or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

Completion of the M.Sc. program requires a thesis (12 or 18 credits) plus coursework, for a total of 30 credits. With a 12-credit thesis, students can include a maximum of 6 credits of senior undergraduate courses. With an 18-credit thesis, students can include a maximum of 3 credits of senior undergraduate courses.

Students who are planning a professional career will typically enrol in the 12-credit thesis option. The 18-credit thesis option requires a more intensive research experience and is more appropriate for students considering the Ph.D. program or a research career. The thesis credit decision is determined in consultation with the student and supervisory committee.

Contact Information

Admission & Administrative Coordinator
Faculty of Land and Food Systems
291-2357 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.8373
Fax: 604.822.4400
Email: ifs.gradapp@ubc.ca
Web: www.landfood.ubc.ca/graduate/applied-animal-biology-msc-phd/ (<http://www.landfood.ubc.ca/graduate/applied-animal-biology-msc-phd/>)

Last updated: May 27, 2021

Degree Programs > Applied Ethics

The field of applied ethics is not taught by a single department and there is no formal program leading to a degree in this area. However, the W. Maurice Young Centre for Applied Ethics offers facilities and opportunities for graduate study in applied ethics through the academic departments of its faculty members. For more information, see the W. Maurice Young Centre for Applied Ethics (Calendar page: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=10,318,0,0#2415>).

Last updated: May 27, 2021

Degree Programs > Applied Mathematics

The field of applied mathematics is taught in several departments at UBC and there is no single program leading to a degree in this area. The Institute of Applied Mathematics offers facilities and opportunities for graduate study in applied mathematics through the academic departments of its faculty members. For more information, see the Institute of Applied Mathematics (Calendar page: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=10,319,0,0#2416>).

Last updated: May 27, 2021



Degree Programs > Architecture

Degrees Offered: M.Arch., M.Arch./M.L.A., M.A.S.A.

Members

Professors Emeriti

R. Cole, P. Patkau, C. Tiers, J. Wojtowicz.

Associate Professors Emeriti

L. Brock, A. Gruft, S. McKay, G. Wagner, R. Walkey.

Assistant Professors Emeriti

J. Gaitanakis, D.P. Rapanos.

Professors

C. Macdonald, L. Van Duzer.

Associate Professors

J. Bass, J. Dahmen, M. Fujita, A. Meyboom, O. Neumann, I. Roecker, B. Satterfield, M. Soules, S. Stevens.

Assistant Professors

A. Rysanek.

Program Overview

Architecture offers graduate education in both professional and research degree programs: the Master of Architecture (M.Arch.) and the Master of Advanced Studies in Architecture (M.A.S.A.), respectively. While Architecture does not at present have a Ph.D. program, it does support advanced Ph.D. study in architecture through the Ph.D. program in [Interdisciplinary Studies](#).

Master of Architecture

The M.Arch. program is an accredited professional graduate program for those with an undergraduate degree who wish to pursue professional studies in architecture as a prerequisite to becoming a registered architect.

The full program is 119 credits. Students entering the program with an undergraduate degree normally take three and one-half years of full-time study to complete the requirements. Students holding a pre-professional architecture degree will be considered for advanced placement. At the time of application, the program's Admissions Committee will determine the extent of advanced placement on the basis of the applicant's undergraduate transcript and portfolio.

Admission Requirements

Students admitted to the M.Arch. degree program normally possess a bachelor's degree, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies. Applicants should demonstrate interest and potential in the creative arts and architecture.

Candidates for admission are evaluated on the following components of the application: academic transcripts, statement of interest, biographical statement, portfolio, letters of reference, and TOEFL where applicable.

Program Requirements

The full program includes a sequence of structured core coursework, 15 credits of elective coursework and a major Graduation Project.

For detailed information, see [Architecture](#), or the School of Architecture and Landscape Architecture (<http://www.sala.ubc.ca>).

Dual Degree: Master of Architecture/Master of Landscape Architecture



The dual degree program option permits qualified students the opportunity to earn a Master of Architecture and a Master of Landscape Architecture concurrently.

Admission Requirements

Applicants to the Dual Degree Master of Architecture and Master of Landscape Architecture degree program must hold a degree that is academically equivalent to a four-year bachelor's degree at UBC and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies. There is no requirement for the discipline of the previous degree.

Applicants should demonstrate interest and potential in the broad fields of environment, the creative arts, architecture and landscape architecture.

Candidates for admission are evaluated on the following components of the application: academic transcripts, statement of intent, resume, portfolio, references, and TOEFL where applicable.

Students holding a pre-professional degree in one of the two disciplines (a Bachelor of Environmental Design, Bachelor of Arts with a major in Architecture, a Bachelor of Landscape Architecture, for example) will typically be given advanced standing at the discretion of the program's Admissions Committee.

See the School of Architecture and Landscape Architecture website (<http://www.sala.ubc.ca/admissions>) for detailed Admissions requirements and deadlines.

Program Requirements

The dual degree option for the Master of Architecture (M.Arch.) and Master of Landscape Architecture (M.L.A.) degrees is designed for candidates seeking admission to both professions. Full-time students normally complete this program in four years. The dual master's degrees are awarded upon the completion of 149 credits of work, including an interdisciplinary major graduating project. The core curriculum includes 63 required credits in the Master of Architecture; 51 required credits in the Master of Landscape Architecture, 32 interdisciplinary M.Arch./M.L.A. required credits and 3 elective credits.

For a detailed course outline of the dual degree option, refer to the School of Architecture and Landscape Architecture website (<http://sala.ubc.ca/academics/graduate-degrees/dual-degree-option-master-architecture-and-master-landscape-architecture>).

Master of Advanced Studies in Architecture

The M.A.S.A. program is a post-professional graduate program primarily for those with a professional degree in architecture or a related field who wish to expand their knowledge in a particular branch of architectural studies. The program does not fulfill the educational requirements for architectural registration. Major research thrusts within the M.A.S.A. program include environmental imperatives, history and cultural studies, advanced design research, and advanced research in digital applications.

Admission Requirements

Students admitted to the M.A.S.A. degree program minimally possess a bachelor's degree, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Candidates for admission are evaluated on the following components of the application: academic transcripts, statement of research interest, biographical statement, portfolio of professional or academic work, letters of reference, and TOEFL where applicable.

Program Requirements

Students must complete a minimum of 30 credits including the following: a 3-credit course in research methodology in architecture, 15 credits of approved coursework, and a 12-credit thesis.

The degree can be completed in 16 months with two terms of full-time residency required.

For detailed information, see Architecture (<http://calendar.ubc.ca/vancouver/proof/edit/index.cfm?tree=12,196,0,0>) or the School of Architecture and Landscape Architecture (<http://www.sala.ubc.ca>).

Contact Information

Architecture
402-6333 Memorial Road
Vancouver, BC, V6T 1Z2
Tel: 604.827.7252
Fax: 604.822.3808
Email: arch@sala.ubc.ca
Web: www.sala.ubc.ca (<http://www.sala.ubc.ca>)
Jaynus O'Donnell, Student Services Coordinator, Architecture



Degree Programs > Archival Studies

Degree Offered: M.A.S.

Members

Professor

L. Duranti.

Associate Professor

V. Lemieux.

Assistant Professor

J. Douglas.

Program Overview

The Master of Archival Studies (M.A.S.) program is a professional degree program, open to those holding a bachelor's degree considered suitable by the admissions committee and which meets the minimum admission requirements of the Faculty of Graduate and Postdoctoral Studies. Archival work is related to that of many other disciplines, including history, political science, business administration, and sociology. The program is unique in North America as the only separate graduate degree program in the field. Graduates obtain positions as archivists and records managers across Canada in businesses, government agencies, religious bodies, and institutions; some engage in freelance work.

For information on the M.A.S./M.L.I.S. dual degree program, visit the [Master of Archival Studies/Master of Library and Information Studies](#).

Master of Archival Studies

Admission Requirements

The Program is open to those holding a bachelor's degree considered suitable by the admissions committee and who meet the minimum admission requirements of the Faculty of Graduate and Postdoctoral Studies. In addition, applicants must show promise of superior professional performance as attested by letters of reference and the School of Information application questionnaire. For detailed information, see Archival Studies (<http://slais.ubc.ca/programs/prospective-students/admissions-process/mas-mlis-dual-masmlis-admissions-procedures/>).

Program Requirements

For program requirements information, visit the [M.A.S. Degree Requirements](#) in the School of Information chapter.

Sub-Specialization in Human Computer Interaction

The Department offers a Sub-specialization in Human-Computer Interaction (<http://slais.ubc.ca/programs/degree-specializations/hci-sub-specialization>) (HCI) in conjunction with the Media and Graphics Interdisciplinary Centre (MAGIC) (<http://www.magic.ubc.ca/>), which is available to students in the Archival Studies program.

Contact Information

School of Information
Irving K. Barber Learning Centre
#470-1961 East Mall
Vancouver, BC, Canada V6T 1Z1
Tel: 604.822.2404
Fax: 604.822.6006
Email: ischool.info@ubc.ca
Web: ischool.ubc.ca (<http://ischool.ubc.ca>)

Degree Programs > Archival Studies and Library and Information Studies



Degrees Offered: M.A.S./M.L.I.S.

Members

Professor Emeritus

J. Saltman.

Professors

L. Duranti, F. Kwakkel.

Associate Professors

V. Lemieux, E. Meyers, L. Nathan, H. O'Brien, L. Sinnamon.

Assistant Professors

M. Abdul-Mageed, J. Bullard, J. Douglas, H. Turner.

Program Overview

The dual degree program is designed to allow students to earn both a Master of Archival Studies and a Master of Library and Information Studies within a reasonable period of time (generally between three and five years). Students considering this option should carefully read the descriptions for each of the two individual degrees. Students who wish to complete the dual degree program should indicate this as early as possible, preferably on their application submitted to the School prior to admission, or following admission by speaking to a faculty advisor.

Prospective applicants may address inquiries and applications for admission to the Program Assistant, School of Information. Specify the M.A.S./M.L.I.S. dual degree program. For information on the M.A.S./M.L.I.S. dual degree program, visit the [Master of Archival Studies/Master of Library and Information Studies](#).

Contact Information

School of Information
Irving K. Barber Learning Centre
#470-1961 East Mall
Vancouver, BC, Canada V6T 1Z1
Tel: 604.822.2404
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Email: ischool.info@ubc.ca
Web: ischool.ubc.ca (<http://ischool.ubc.ca>)

Last updated: May 27, 2021

Degree Programs > Art Education

Degrees Offered: M.A., M.Ed.

Members

Professors

R. Irwin, A. Kindler, D. O. Donoghue.

Associate Professor

S. Han

Professors Emeritus

K. Grauer

Program Overview



The graduate programs (M.Ed. and M.A.) in Art Education are part of the graduate offerings in the Department of Curriculum and Pedagogy. The research interests of faculty in Art Education are diverse. They encourage a wide spectrum of student inquiry: art curriculum, early childhood, teacher education, First Nations art and education, histories of art education, multiculturalism, museum and gallery education, perception and cognition, studio practices, technology and visual culture, theory/practice relationships, and gender studies.

Part-time and full-time study options are available.

Master of Arts

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Studies requirements, the program normally requires:

1. 18 credits of senior coursework or a professional concentration in the area of interest, and
2. two years of teaching experience or other relevant professional experience.

Program Requirements

The program consists of 30 credits. At least 15 credits must be at the 500-level or higher. A total of 6 credits may be taken at the 300- or 400-level. A thesis, normally 9 credits, is included.

Master of Education

Admission Requirements

Same as for the M.A.

Program Requirements

The program consists of a minimum of 30 credits, of which 24 must be courses numbered at the 500-level. A total of 6 credits may be taken at the 300- or 400-level. Students select either a program consisting entirely of courses (for example, ten 3-credit courses), or 27 credits of coursework plus a 3-credit graduating project.

Contact Information

Department of Curriculum and Pedagogy
2125 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.5367
Email: edcp.grad@ubc.ca
Web: www.edcp.educ.ubc.ca (<http://www.edcp.educ.ubc.ca>)
Alan Jay, Graduate Program Assistant

Last updated: May 27, 2021

Degree Programs > Art History

Degrees Offered: Ph.D., M.A., M.A. (Critical and Curatorial Studies)

Members

Professors

X. Gu, A. Shelton, C. Soussloff, S. Watson.

Associate Professors

D. Claxton, G. James, J. Mansoor, J. Monteyne, M. Pina, M. Roy, T. Smith.

Assistant Professors

I. Adriasola, J. Frei Njootli, G. Makris, J. Orell, S. Salgirli, E. Silver, A. Thauberger.

Program Overview



The Department of Art History, Visual Art, and Theory (<http://www.ahva.ubc.ca>) (AHVA) offers advanced study of art history in the major periods of European and North American art, in certain areas of Asian art, and in the indigenous arts of the Americas, leading to the Master of Arts (M.A.) and Doctor of Philosophy (Ph.D.).

AHVA also offers the Critical and Curatorial Studies (CCST) graduate program, leading to the Master of Arts (M.A.) in Art History, Critical and Curatorial Studies. CCST addresses the growing need for curators and critics who have theoretical knowledge and practical experience in analyzing institutions, preparing displays, and communicating about contemporary art.

For information on the Master of Fine Arts, Visual Arts, please see [Fine Arts](#) or AHVA (<http://www.ahva.ubc.ca>).

Doctor of Philosophy

Admission Requirements

The Ph.D. in Art History encourages high scholastic achievement, original research, and firm theoretical grounding. Normally, admission to the Ph.D. requires the completion of an M.A. in Art History, including reading knowledge of one language other than English. Students with master's degrees in related fields may be required to complete additional art history courses for their Ph.D. program.

Program Requirements

The program involves coursework, a language requirement, two comprehensive examinations, a dissertation proposal, a round table presentation, a doctoral dissertation, and oral defense. Students are required to take course-work at the 500-level, including ARTH 571, the Methodology Seminar, unless it has been taken within the previous five (5) years. The Comprehensive Exams require students to be proficient in both a major and a minor field, in order to qualify them for both doctoral thesis research and university teaching. Reading knowledge of a second language, other than English (the first language having been required for the M.A.), relevant to the field of study, is also required. Students are admitted to candidacy once they have completed the residency period, all required coursework, the language requirement, and passed the comprehensive examinations.

Master of Arts

The M.A. in Art History is a 2-year program with thesis, designed to instruct students in methods of research and presentation of scholarly materials. It qualifies them for professional work in the discipline.

Admission Requirements

Applicants for the M.A. Program in Art History should have preparation in the discipline equivalent to the undergraduate major at UBC. Applicants must meet the minimum admission requirements of the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.A. degree requires 30 credits; at least 24 credits must be in courses numbered 500 or higher. These will include the Methodology Seminar (ARTH 571, 6 credits) and the Master's Thesis (ARTH 599, 6 credits). Reading knowledge of one language other than English and relevant to the field of study is required.

Master of Arts, Critical and Curatorial Studies

Admissions Requirements

Students admitted to the M.A. degree program must normally have preparation in the discipline equivalent to the undergraduate major in Art History at UBC, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies. Students wishing to apply for this concentration must specify Critical and Curatorial Studies in a written application to the Department of Art History, Visual Art, and Theory.

Program Requirements

The program requires the completion of 30 credits, comprised of:

Required Courses (21 credits):

- ARTH 571: The Methodology of Art History (6 credits)
- CCST 500: Seminar in Interdisciplinary Frameworks in Museum and Curatorial Studies (3 credits)
- CCST 503: Graduate Practicum and Major Paper in Curatorial Studies (9 credits)

One of

- CCST 501: Seminar in Contemporary Contextual Issues for Museums and Curatorial Practice (3 credits)

OR

- CCST 502: Case Studies in Museum and Gallery Exhibitions and Institutions (3 credits)



Electives (9 credits)

- 6 credits selected from 500-level courses in the Department of Art History, Visual Art, and Theory (ARTH, CCST, or VISA)
- 3 credits of any pre-approved 500-level¹ graduate level seminar, inside or outside of our department

¹Students may choose to complete a maximum of 3 credits of 400-level study. This course **must** be pre-approved by their Graduate Advisor prior to course registration.

Contact Information

Department of Art History, Visual Art, and Theory
Graduate Program Coordinator, Bryn Dharmaratne
403-6333 Memorial Road
Vancouver, BC, Canada V6T 1Z2
Tel: 604.822.4340
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Email: ahva.grad@ubc.ca
Web: www.ahva.ubc.ca (<http://www.ahva.ubc.ca>)

Last updated: May 27, 2021

Degree Programs > Art History, Critical and Curatorial Studies

Please see [Art History](#).

Last updated: May 27, 2021

Degree Programs > Asia Pacific Policy Studies

Note: The Master of Arts in Asia Pacific Policy Studies (M.A.A.P.P.S.) program is not accepting applications for admissions until further notice. This also applies to the M.A.A.P.P.S. with Juris Doctor, M.A.A.P.P.S. with Master of Business Administration, and the M.A.A.P.P.S. with Master of Arts in Planning.

Degrees Offered: M.A.A.P.P.S., M.A.A.P.P.S./J.D., M.A.A.P.P.S./M.A.P.

Program Overview

The Master of Arts Asia Pacific Policy Studies program (M.A.A.P.P.S.), at the Institute of Asian Research (IAR), provides advanced training in practical research and analysis on policy issues relevant to the Asia and Pacific regions. The program prepares students for positions in government, non-profit organizations, or the private sector, as well as for doctoral programs. Students tailor coursework to fit specific interests within Asia Pacific policy, including a practicum, and complete the program 12, 18, or 24 months.

The M.A.A.P.P.S. program is organized into six thematic streams that structure and guide students in their program element selections. The six thematic streams are:

1. Economic and Social Change
2. Security
3. Gender and Development
4. Governance and Human Rights
5. Infrastructure Policy
6. Media Representations of Asia: Culture, Religion, Nation

M.A.A.P.P.S.

Admission Requirements

- Applicants must satisfy the admission requirements of the Faculty of Graduate and Postdoctoral Studies.
- Applicants also must have a sufficient background in area studies and/or social sciences to permit advanced research and analysis of policy issues relevant to the Asia and Pacific regions and should have methodological training (especially basic knowledge of statistical analysis).
- Fluency in a non-English Asian language is highly recommended in preparation for the program.
- Applicants must satisfy the English language admission standard set by the Faculty of Graduate and Postdoctoral Studies and the IAR (see [TOEFL Requirements](#)).
- Admission of the applicant is not complete until the application has been accepted and the course of study has been approved by the Faculty of



Graduate and Postdoctoral Studies and the IAR.

Program Requirements

The program consists of three distinct elements:

- Core courses (6 credits)
- Elective courses (18 credits)
- Master's thesis (12 credits) or Practicum (12 credits)

For more information on admissions and program requirements, see M.A.A.P.P.S. (<http://www.iar.ubc.ca/mapps>)

M.A.A.P.P.S. with Juris Doctor

Admission Requirements

The M.A.A.P.P.S./J.D. program allows students to obtain the degrees M.A.A.P.P.S. and Juris Doctor (J.D.) through combined enrolment in the IAR and the Faculty of Law.

Students wishing to pursue the dual M.A.A.P.P.S./J.D. degree program must be admitted separately by the IAR for the M.A.A.P.P.S. and by the Faculty of Law for the J.D. The graduate program advisor from the IAR serves as graduate program advisor for the dual degree program.

Program Requirements

Students are required to complete 30 credits in Asia Pacific Policy Studies and 86 credits in the J.D. program.

The M.A.A.P.P.S. and J.D. will be conferred at the completion of the dual program after all requirements for both degrees have been met. Students who choose to receive either the M.A.A.P.P.S. or the J.D. prior to completion of the dual degree program may apply for one of the degrees provided all requirements for that degree have been satisfied. Students selecting this option must withdraw from the dual degree program.

For more information on admission and program requirements for the M.A.A.P.P.S. and J.D., see the Institute of Asian Research (<http://www.iar.ubc.ca/mapps>) and the Faculty of Law (<http://www.law.ubc.ca>), respectively.

M.A.A.P.P.S. with Master of Business Administration

Admission Requirements

The M.A.A.P.P.S./M.B.A. degree program permits students to obtain the degrees of M.A.A.P.P.S. and Master of Business Administration (M.B.A.) through combined enrolment in the IAR and the Faculty of Commerce and Business Administration (the Sauder School of Business). Interested applicants are required to apply directly to both the IAR and the Faculty of Commerce and Business Administration, indicating their desire to be considered for the dual M.A.A.P.P.S./M.B.A. program. Enrolment is limited to students who have demonstrated academic excellence.

Program Requirements

Students are required to complete 30 credits in Asia Pacific Policy Studies and 45 credits in the M.B.A. program.

The M.A.A.P.P.S. and M.B.A. will be conferred at the completion of the dual program after all requirements for both degrees have been met. Students who choose to receive either the M.A.A.P.P.S. or the M.B.A. prior to the completion of the dual degree program may apply for one of the degrees provided all requirements for that degree have been satisfied. Students selecting this option must withdraw from the dual degree program.

For more information on admission and program requirements for the M.A.A.P.P.S. and M.B.A., see the Institute of Asian Research (<http://www.iar.ubc.ca/mapps>) and the Faculty of Commerce and Business Administration (<http://www.sauder.ubc.ca>), respectively.

M.A.A.P.P.S. with Master of Arts in Planning

This program enables students to obtain the M.A.A.P.P.S. and M.A.P. degrees through a concurrent course of study. The program enables students enrolled in Asia Pacific Policy Studies and in Planning to pursue a specialized curriculum in community and regional planning (leading to an accredited professional degree) and Asia Pacific Policy Studies.

Admission Requirements

Students wishing to pursue the M.A.A.P.P.S./M.A.P. must be admitted separately to Asia Pacific Policy Studies for the M.A.A.P.P.S. degree and to Planning for the M.A.P. degree. Those seeking admission to the dual degree program must provide notice to this effect in their applications to IAR and SCARP, indicating in writing their desire to enrol in the M.A.A.P.P.S./M.A.P. program and the desired areas of specialization in both.



Students wishing to transfer to the M.A.A.P.P.S./M.A.P. program from another UBC program must satisfy all requirements to admission to M.A.A.P.P.S. (<http://www.iar.ubc.ca/mapps/programdetails/admission.aspx>) and to M.A.P. This may involve separate graduate study applications to FoGS if the student is not currently registered in a graduate program. Enrolment in the dual degree program requires the consent of the directors of both the IAR and SCARP.

Program Requirements

Students in the M.A.A.P.P.S./M.A.P. program are required to complete all course requirements for graduation in both master's programs, subject to the following modifications:

- Completion of IAR 500 will count for credits toward M.A.A.P.P.S. and 6 credits toward M.A.P.
- 6 credits of coursework in M.A.P. will be counted toward M.A.A.P.P.S. electives.
- Students are required to complete either a 12-credit thesis or a 12-credit practicum.

With these modifications, a total of 78 credits are required for graduation: **Total Credits:** 78 (M.A.A.P.P.S.: 30 / M.A.P.: 48).

The M.A.A.P.P.S. and M.A.P. will be conferred at the completion of the dual program after all requirements for both degrees have been met. Students who choose to receive either the M.A.A.P.P.S. or the M.A.P. prior to completion of the dual degree program may apply for one of the degrees provided all requirements for that degree have been satisfied. Students selecting this option must withdraw from the dual degree program.

Contact Information

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Web: www.iar.ubc.ca/maapps (<http://www.iar.ubc.ca/maapps>)

Last updated: May 27, 2021

Degree Programs > Asian Studies

Degrees Offered: Ph.D., M.A.

Members

Professors

R. Ahmed, D. Baker, J. Chen, J. Chiu-Duke, N. Hur, R. King, J. Mostow, P. Nosco, H. Oberoi, S. Orbaugh, C. Rea, E. Slingerland, S. Thobani.

Associate Professors

B. Fulton, C. Laffin, D. Li, H.-G. Lynn, J. Main, A. Murphy, B. Rusk, A. Sathaye, T. W. Shakya, L. Shin, C. Yi.

Assistant Professors

A. Bailey, K. Duffy, C. Laird, N. Naqvi, H. Siddiqui, R. Yang.

Program Overview

UBC's Asian Studies Department is the flagship Asian Studies department in Canada and is widely acknowledged as one of the finest in North America.

Our graduate students specialize in Chinese, Japanese, Korean, and South Asian Studies and craft individual programs within and across various disciplines, including linguistics, literary study, history, philosophy, religious studies, and popular and visual culture. The Department offers instruction in the following languages: Cantonese, Modern and Classical Chinese, Hindi/Urdu, Modern and Classical Japanese, Korean, Persian, Punjabi, and Sanskrit.

The Department is a hub for research activities related to Asia, including large collaborative projects, multiple lecture series and workshops, and professional development opportunities, which provide students ample opportunities to develop their expertise, pursue their interests, and develop professional connections with scholars from around the world. It also regularly hosts postdoctoral fellows and visiting scholars. The program offers a range of funding opportunities and support for research activities.

Doctor of Philosophy



The Department of Asian Studies offers the Doctor of Philosophy degree in Asian Studies encompassing Chinese, Japanese, Korean, East Asian Buddhism, and South Asian culture, including literature, visual and popular culture, linguistics, pre-modern history, religion, and philosophy.

Those interested in graduate studies relating to Asia in fields such as modern history, political science, economics, sociology, geography, anthropology, fine arts, etc., should apply to the departments concerned.

Admission Requirements

Admission to the Ph.D. program in Asian Studies normally requires an M.A. in Asian Studies or its equivalent. Applicants for the Ph.D. must have an adequate command of relevant language(s), such as Chinese, Japanese, Korean, Hindi/Urdu, Punjabi, Sanskrit, or Persian, prior to admittance.

Program Requirements

All doctoral students are required to successfully complete coursework and a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements. For details, see Ph.D. Program Requirements (<http://asia.ubc.ca/graduate/phd-program/>).

Master of Arts

The Department of Asian Studies offers the Master of Arts in Asian Studies encompassing Chinese, Japanese, Korean, East Asian Buddhism, and South Asian culture, including literature, visual and popular culture, linguistics, pre-modern history, religion, and philosophy.

Admission Requirements

Admission to the M.A. program in Asian Studies normally requires a Bachelor of Arts with first class standing in Chinese, Japanese, Korean, or South Asian languages. This implies a minimum of four years of language study prior to undertaking the M.A. The program is prepared to accept a limited number of students who are otherwise well-qualified and show linguistic aptitude but have less than this amount of preparation in language. Such students will be required to spend one or two extra years in their M.A. program making up this deficiency.

Program Requirements

The Master of Arts (M.A.) program in Asian Studies consists of a minimum of 30 credits (including a 12-credit thesis). The Program does not offer part-time or non-thesis study. For details, see M.A. Program Requirements (<http://asia.ubc.ca/graduate/masters-program/>).

Contact Information

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Web: www.asia.ubc.ca (<http://www.asia.ubc.ca>)
Tina Wong, Graduate Program Assistant

Last updated: May 27, 2021

Degree Programs > Astronomy

Degrees Offered: Ph.D., M.Sc.

Members

Professors

B. Gladman, M. Halpern, J. S. Heyl, P. Hickson, G. Hinshaw, J. Matthews, H. Richer, D. Scott, I. Stairs, L. Van Waerbeke.

Associate Professor

K. Sigurdson.

Assistant Professors

A. Boley, J. McIver.



Program Overview

The Department of Physics and Astronomy is a broad-based department with a wide range of research interests covering many key topics in contemporary physics, astronomy, and applied physics. Research activities are supported by several computing and experimental facilities within the Department, as well as excellent electronics and machine shops.

UBC research in astronomy and astrophysics covers most areas of current interest in this broad field, including a wide range of theoretical and observational studies in astronomy, and also experimental and theoretical studies in cosmology. Research at optical wavelengths includes searches and orbital determination for asteroids and comets, photometric studies of stellar populations, particularly globular clusters, studies of distant galaxies and active galactic nuclei, and time-resolved spectroscopy of variable stars and active binary star systems. Studies at microwave and radio frequencies include research on variable radio sources, searches for pulsars, the early stages of star formation, relativistic jets, and balloon-borne measurements of the cosmic microwave background radiation. A variety of theoretical work complements this research, with topics that range from planetary dynamics and the structure of neutron stars, to theoretical studies of structure formation in the early universe. Development of astronomical instrumentation is also supported.

Doctor of Philosophy

Admission Requirements

Students are normally admitted to the Ph.D. program after obtaining an M.Sc. and meeting the Faculty of Graduate and Postdoctoral Studies admission requirements. Alternatively, well-qualified students admitted to the M.Sc. program may transfer to the Ph.D. program after a year's residence at UBC, if they have at least 12 credits in M.Sc. coursework with an overall average of at least 85%, clear evidence of research ability, approval of the dissertation supervisor, and meet all other Faculty of Graduate and Postdoctoral Studies requirements.

Program Requirements

A minimum of 12 credits in graduate-level courses in any science or applied science departments are normally required for the Ph.D. These credits may be from an M.Sc. degree at UBC or elsewhere. Details of the course load are determined in consultation with the supervisory committee, and must conform to the Department's course requirements.

Students who do not already have credit for the required master's degree courses for their program or the equivalent graduate level courses from another university (approved by Graduate Chair) must take these courses in the Ph.D. program.

Students admitted with an M.Sc. require a further 6 credits in graduate-level coursework in any science or applied science department at UBC for the Ph.D.

All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

The prerequisite for the M.Sc. program is a B.Sc. in physics or astronomy (single or combined). An overall average of at least 80% in third- and fourth-year courses is expected for entry into the program.

Program Requirements

The M.Sc. program requires a minimum of 30 credits, including an 18-credit thesis. The remaining 12 credits must be relevant graduate courses in the Faculties of Science or Applied Science. All Astronomy M.Sc. students are required to satisfy the program's course requirements.

Contact Information

Department of Physics and Astronomy
6224 Agricultural Road
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Fax: 604.822.5324
Email: gradsec@physics.ubc.ca
Web: www.physics.ubc.ca (<http://www.physics.ubc.ca>)
Olivia Dela Cruz-Cordero, Graduate Coordinator

Last updated: May 27, 2021

Degree Programs > Atmospheric Science

Degrees Offered: Ph.D., M.Sc.



Members

Professors

S. Allen, N. Balmforth, A. Bertram, T.A. Black, S. Donner, I. McKendry, R. Pawlowicz, R. Stull.

Associate Professors

P. Austin, V. Radic.

Assistant Professors

N. Borduas-Dedekind, A. Giang, A. Orsi, S. Knox, S. Waterman, R. White, N. Zimmerman.

Professors Emeriti

W. Hsieh, D. Steyn

Program Overview

Programs leading to the M.Sc. and Ph.D. in Atmospheric Science are offered under joint sponsorship of the Department of Earth, Ocean and Atmospheric Sciences and the Department of Geography. Students supervised by Soil Science professors in Atmospheric Science also have the option to work toward the Atmospheric Science graduate degrees. Areas of graduate research are:

- boundary layers and micrometeorology, including turbulence, urban meteorology, and mountain meteorology
- numerical weather prediction for transportation, weather disasters, and clean energy (hydro, wind, solar)
- air pollution, pollutant transport and dispersion, and atmospheric chemistry
- climate, including climatology, climate variability and prediction, earth system modelling, climate change, glaciers
- satellite remote sensing, cloud microphysics, aerosols
- ocean-atmosphere interactions, ocean dynamics
- biometeorology, including agricultural and forest meteorology, trace gas exchange, carbon cycling, vegetation water use
- geophysical fluid dynamics
- machine-learning tools including artificial neural networks, gene-expression programming

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess a master's degree in an area of science or applied science, with clear evidence of research ability or potential. Transfer from the M.Sc. to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations.

Program Requirements

The Ph.D. consists of either EOSC 571 or GEOB 500, independent study, a spring review at the end of the first year, a comprehensive examination (oral and written components) during the second year, and research leading to a written dissertation that is defended in an oral final examination.

Additional coursework may be selected in consultation with the student's supervisory committee.

Master of Science

Admission Requirements

Students admitted to the M.Sc. program normally possess a bachelor's degree in an area of science or applied science and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Co-op M.Sc. students must also have identified in advance an employer who will pay a salary during the Co-op work terms, and must satisfy eligibility requirements set by the Science Co-op Office.

Program Requirements

The three M.Sc. program options are:

- Thesis option: 12 credits of ATSC 599 thesis with an oral thesis defense, and 18 credits of additional coursework
- Course-based Co-op option: ATSC 597, ATSC 598, 6 credits of ATSC 548 and 24 credits of additional coursework.



- Course-based option: 3 credits of ATSC 548 and 27 credits of additional coursework.

Contact Information

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Web: www.eoas.ubc.ca (<http://www.eoas.ubc.ca>)

Last updated: May 27, 2021

Degree Programs > Audiology and Speech Sciences

Degrees Offered: Ph.D., M.Sc.

Members

Professors Emeritus

B. M. Bernhardt, D. Stapells.

Associate Professors Emeritus

B. Purves

Assistant Professors Emeritus

C. E. Johnson.

Professors

V. Ciocca.

Associate Professors

P. Colozzo, A. Herdman, L. Jenstad, S. Marinova-Todd, N. Shahnaz, J. A. Small, S. Small.

Assistant Professors

A. Black, T. Howe, S. Skoretz.

Program Overview

The School of Audiology and Speech Sciences endeavours to advance knowledge of human communication and its disorders by actively engaging in research, and by educating individuals to become audiologists, speech-language pathologists, and researchers. In its teaching and research programs, the School emphasizes both the importance of basic science to the understanding of communication disorders and the relevance of clinical data to theories of human communication.

The School's M.Sc. and Ph.D. programs are designed to insure that graduates are grounded in the basic and applied sciences, can address complex communication problems within an interdisciplinary framework, and understand the relevance of theory in research as well as practical endeavours.

Doctor of Philosophy

The School offers a program leading to the Ph.D. with professional specialty in one of the following areas: psycholinguistics, acquired language disorders, developmental phonetics and phonology, language acquisition, developmental language disorders, discourse analysis, phonological and phonetic disorders, bilingualism, speech perception, speech understanding in the elderly, electrophysiologic and otoacoustic emissions diagnosis, and hearing science.

Admission Requirements

An applicant to the doctoral program should have completed a master's degree, typically in audiology and speech sciences, psychology, linguistics, or a



related discipline.

Eligibility for admission will be decided by the Doctoral Studies Committee. The Committee will consist of the Graduate Advisor and a minimum of three other full members of the graduate faculty who are full-time faculty at the School. For details, see the Ph.D. Program (<http://www.audiospeech.ubc.ca/why-study-with-us/phd-program>).

Program Requirements

Students are required to take courses in research methodology and in major and minor areas of specialization, with the sequence of courses and seminars totaling at least 12 credits beyond the master's degree.

All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Part-time Doctoral Classification is also available. This must be approved at the point of admission.

Master of Science

The School offers a post-graduate program leading to the Master of Science. This program is primarily designed to provide the scientific and clinical education necessary for the professions of audiology and speech-language pathology. Students must designate a sub-specialization in one of these two fields at the time of admission. The M.Sc. program will require 24 to 36 months to complete, depending on the student's undergraduate preparation and progress as a graduate student. For details see Audiology and Speech Sciences (<http://www.audiospeech.ubc.ca>).

As well as providing opportunities for graduate research on human communication and its disorders, the M.Sc. program enables graduates to complete the academic and practical requirements for professional certification. The curriculum alternates periods of university-based study with periods of supervised clinical practice in the community. During these externships the student gradually assumes clinical responsibility for clients, under supervision. The clinical education program strives to provide each student with experience in all aspects of the major professional area as well as a foundation of clinical experience in the minor. Graduates will have completed at least the minimum number of hours of clinical practice required for certification by Canadian professional associations.

Admission Requirements

Admission is on a competitive basis. Students admitted to the M.Sc. degree program must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies. Applicants must also have appropriate undergraduate preparation as defined below.

For students seeking to specialize in Audiology, the routes for preparation are diverse and could include an undergraduate degree in, for example, linguistics, psychology, biology, or physics.

Students seeking to specialize in Speech-Language Pathology find that degree programs in linguistics and/or psychology are the best route to achieving the necessary undergraduate preparation for the M.Sc. degree program. However, students with other academic backgrounds who have outstanding academic records are also welcome to apply.

For details, see Audiology (<http://www.audiospeech.ubc.ca>).

Program Requirements

The School of Audiology and Speech Sciences offers an M.Sc. in two disciplines: (1) audiology and (2) speech-language pathology. Programs for each of these disciplines are designed to span 24–36 consecutive months. There are prerequisite courses considered to be an integral part of the School's curriculum. Students who have not completed these foundation courses at the time of admission will be required to do so, or to demonstrate equivalent knowledge, prior to receiving the M.Sc. degree. Please refer to the programs of study (<http://www.audiospeech.ubc.ca>) for both Audiology and Speech-Language Pathology.

Each student's program of study is approved by the graduate advisor commensurate with the specific disciplinary program and the student's background. For the two disciplines, the programs typically exceed the Faculty of Graduate and Postdoctoral Studies minimum of 30 credits. For Audiology, 45–50 credits of coursework are typically required; students must also complete either a thesis (AUDI 549) or a comprehensive examination. For Speech-Language Pathology, 50–55 credits of coursework are typically required. In addition, completion of the Master of Science degree for each discipline requires: (1) fulfillment of the prerequisite requirements, and (2) completion of Clinical Externships I, II, III and IV with a grade of 68% (B-) or higher

Contact Information

School of Audiology and Speech Sciences
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Web: www.audiospeech.ubc.ca (<http://www.audiospeech.ubc.ca>)
Winnie Wong, Program Assistant

Last updated: May 27, 2021

Degree Programs > Biochemistry and Molecular Biology

Degrees Offered: Ph.D., M.Sc.

Members

Professors Emeriti

C. Astell, P. Bragg, G. Brayer, R. Brownsey, P. Candido, P. Dennis, R. MacGillivray, G. Mackie, G. Mauk, M. Roberge.

Professors

D. Bromme, H. Brumer, P. Cullis, S. Dedhar, D. Devine, F. Duong, L. Eltis, B. B. Finlay, L. Foster, P. Hieter, L. Howe, E. Jan, D. P. Kelleher, M. Kobor, V. Ling, T. Mayor, L. McIntosh, R. Molday, C. Nislow, C. Overall, I. Sadowski, N. Strynadka, S. Subramaniam, F. Van Petegem, S. Withers.

Associate Professors

J. Gsponer, C. J. Kastrup, H. Kim, V. Measday, A. Mui, N. Tokuriki, C. Yip.

Assistant Professor Emeritus

M. Numata.

Assistant Professors

S. Parker, S. Teves, A. Vogel Cernia.

Program Overview

Facilities are available for original investigations in many fields of biochemistry and molecular biology. Possible areas of research include: control of gene expression in eukaryotes and bacteria; structure and function of genes; systems biology; blood proteins; the mechanism of the action of insulin; membrane and membrane protein structure and function; protein trafficking; cell-surface receptors, signal transduction, and cell-growth control; neural and retinal photoreceptor membranes; lipid-based targeted delivery systems; macromolecular crystallography and X-ray diffraction techniques for the characterization of enzymes and protein complexes; metalloprotein structure and function; mechanisms of enzyme activity; mechanism of hemoprotein electron transfer; structural analysis of proteins by nuclear magnetic resonance; mechanisms of multi-drug resistance; and cancer.

Doctor of Philosophy

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Studies' admission requirement, students must hold an honours bachelor's degree in biochemistry with high standing or a research-based master's degree in biochemistry, or the equivalent.

Transfer from the M.Sc. to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations.

Program Requirements

Students are required to complete courses in biochemistry and related fields in accordance with the recommendations of the program and the student's committee. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Studies' admission requirements, students with a degree in biochemistry or in related disciplines can be accepted providing they have graduated with high standing from university programs giving a strong background in science.

Program Requirements



The M.Sc. program includes an 18-credit thesis and 12 credits of approved courses in biochemistry and related fields. BIOC 303 and 301, or the equivalent, are prerequisites to all graduate courses in biochemistry and molecular biology.

Contact Information

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Doris Metcalf, Graduate Program Coordinator

Last updated: May 27, 2021

Degree Programs > Bioinformatics

Degrees Offered: Ph.D., M.Sc.

Members

Professors Emeriti

R. Kay, D. Moerman

Professors

K. Adams, S. Aparicio, I. Birol, J. Bohlmann, R. Brinkman, A. Brooks-Wilson, C. Brown, A. Cherkasov, C. Collins, A. Condon, C. Eaves, B. Finlay, S. Frangou, J. Friedman, R. Garbi, D. Goldowitz, S. Hallam, R. Hancock, C. Haynes, P. Hieter, S. Hinch, K. Ho, R. Holt, P. Hoodless, D. Huntsman, S. Jones, A. Karsan, P. Keeling, L. Keshet, M. Kobor, J. Kronstad, W. Lam, W. Maddison, S. Mansfield, M. Marra, T. Munzner, M. Murphy, R. Ng, S. Otto, C. Overall, P. Pavlidis, L. Rieseberg, E. M. Simpson, C. Steidl, C. Suttle, N. Swindale, F. Takei, H. Tremlett, Z. J. Wang, W. Wasserman, A. Weng, T. Woodwar

Associate Professors

E. Accili, A. Bouchard-Cote, G. Cohen-Freue, D. Daley, J. Gsponer, M. Hirst, S. Leslie, V. Measday, S. Plotkin, R. Tam.

Assistant Professors

A. Bashashati, C. de Boer, J. Dennis, T. Huan, K. Korthauer, P. Lange, Y. Park, M. Pennell, A. Roth, C. Tropini.

Program Overview

The Bioinformatics Graduate Program is a trans-disciplinary program, administered through Michael Smith Laboratories, that combines computational and biological disciplines for students pursuing an M.Sc. or Ph.D. This program is intended to accommodate the diverse background of students and the broad nature of bioinformatics research. Students applying for entrance must satisfy the general regulations of the Faculty of Graduate and Postdoctoral Studies and must be acceptable to the Bioinformatics Graduate program admissions committee.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess an M.Sc. degree in Bioinformatics or a related area, with clear evidence of research ability or potential. Transfer from the M.Sc. to the Ph.D. program is permitted under the regulations set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements. There are no specific course requirements for the Ph.D. degree program apart from the dissertation. However, the student's Ph.D. dissertation committee has the prerogative to impose course requirements where course deficiencies are perceived.

All doctoral students are required to successfully complete a comprehensive examination, which consists of an oral and written component within the first 36 months of study. All students are required to present a Bioinformatics graduate program seminar upon completion of their program, and before their dissertation defense.



A student's committee for the doctorate will consist of the dissertation supervisor and three others. The supervisor and at least one other member must be members of the Bioinformatics graduate program.

Master of Science

Admission Requirements

Successful applicants require a B.Sc. or equivalent, majoring in a biological science (such as biology, genetics, microbiology, molecular biology, medicine) or in a quantitative science (such as computer science, mathematics, statistics, physics, engineering). If the applicant has a degree in a biological science, they should also have significant experience in a quantitative science or *vice versa*. Students must also meet current Faculty of Graduate and Postdoctoral Studies admission requirements, with the expectation that most successful applicants will significantly exceed these minimum requirements.

Program Requirements

The required courses for the program are:

- BIOF 520 Problem-based Learning in Bioinformatics (3)
- BIOF 501A Special Topics in Bioinformatics (3)
- four elective courses from computer science, statistics, medical genetics, and other related faculties for a total of 12 credits (required program credits equal a total of 18 course credits and a 12-credit thesis)
- three non-credit four-month research rotations in bioinformatics-affiliated laboratories will be required.

Students entering the program with either a bachelor's or a master's degree will be expected to complete the same required coursework and electives. Course equivalencies will be considered, and the student may replace required program courses with electives, upon the approval of their mentor and supervisory committee. The program must be started in the September term in order to complete the required courses and research rotations as outlined.

All students must complete 18 credits of graduate coursework in their first year, three four-month laboratory research rotations under the supervision of Bioinformatics-affiliated faculty, and meet the formal requirements of the Faculty of Graduate and Postdoctoral Studies. At the beginning of their second year, upon the recommendation of their thesis supervisor and committee, students continue their M.Sc. in Bioinformatics or transfer to a Ph.D. program in Bioinformatics or a related discipline.

All students are required to present a Bioinformatics graduate program seminar upon completion of their program before their thesis defense.

A student's committee for the M.Sc. will consist of the thesis supervisor and two other members. The supervisor and at least one other member must be members of the Bioinformatics graduate program.

Contact Information

Program Director, S. Jones
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Tel: 604.707.5803 (Sharon Ruschkowski) or
604.707.5473 (Louise Clarke, administrator to Dr. Jones)
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Email: bioinformaticsprogram@bcgsc.ca
Web: <http://bioinformatics.ubc.ca>
Sharon Ruschkowski, Program Coordinator

Last updated: May 27, 2021

Degree Programs > Biomedical Engineering

Degrees Offered: Ph.D., M.A.Sc.

Members

Professors

S. Bamji, K. Cheung, P. Crompton, C. Eaves, K. Haas, A. Hodgson, P. Hoodless, T. Kieffer, M. Levings, K. McNagny, I. R. Nabi, C. Roskelley, F. Rossi, T. M. Underhill, R. Wang, P. Zandstra.

Associate Professors

D. Liu, F. Lynn, R. Tam, N. Yachie, V. Yadav.



Assistant Professors

A. Bashashati, A. Blakney, C. de Boer, M.J. Ju, C. Kuo, Z. Laksman, M. Madhav, D. Shahriari, N. Shakiba, C. Tropini.

Affiliate Members

P. Abolmaesumi, M. Bacca, M. Cembrowski, M.Chiao, E. Conway, G. Dumont, L. Edelstein-Keshet, S. Fels, T. Field, R. Garbi, D. Grecov, J. Hill, A. Karsan, C. Kastrop, J. Kizhakkedathu, T. Lee, H. Ma, J. Madden, F. Miller, T. Murphy, S. Ono, T. Oxland, J. Penninger, J. M. Piret, A. Rahmim, L. Raymond, R. Rohling, T. Salcudean, P. Servati, B. Shadgan, K. Takahata, S. Tang, M. Van der Loos, K. Walus, C. Wellington, D. Wilson, L. Wu.

Program Overview

Biomedical Engineering is a multidisciplinary field that involves the application of engineering techniques and technologies to medical and healthcare areas. The Biomedical Engineering Program, administered by the School of Biomedical Engineering, offers advanced study and research leading to the M.A.Sc. and Ph.D degrees in Biomedical Engineering. The program is designed to provide graduates with a balance of materials in life science, clinical practice, and bio-engineering. Opportunities for interdisciplinary education and research exist in areas such as biomechanics, biomaterials, biochemical processing, cellular engineering, imaging, medical devices, micro-electro-mechanical implantation systems, physiological modelling, simulation, monitoring and control, as well as medical robotics.

Doctor of Philosophy

Admission Requirements

Applicants will normally hold a master's degree in a relevant discipline. Applicants who hold a bachelor's degree with first class standing in a relevant discipline and who demonstrate advanced research ability may also be admitted. Applicants must meet the [general admission requirements for doctoral degree programs](#) set by the Faculty of Graduate and Postdoctoral Studies. A student will be admitted to the degree program upon the recommendation of a faculty member associated with the School of Biomedical Engineering and the approval of the Director of the School of Biomedical Engineering and the Faculty of Graduate and Postdoctoral Studies. Transfer from the M.A.Sc. to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies and the School of Biomedical Engineering.

Program Requirements

The program is based on the satisfactory completion of a doctoral dissertation and 7-13 credits of approved courses. Additional coursework may be selected in consultation with the student's supervisory committee and the graduate program.

All students must satisfy coursework requirements equivalent to UBC's M.A.Sc. in BME prior to graduation. Those students with a graduate degree in BME from another institution may fulfill coursework requirements with their previous credits as long as the course content is equivalent to the ones offered by UBC, at the discretion of the graduate advisor.

All doctoral students are required to complete a comprehensive examination successfully. This exam is usually held within 18-24 months of commencement. The major requirement for the Ph.D. is completion of a research dissertation meeting the requirements of the Faculty of Graduate and Postdoctoral Studies.

Master of Applied Science

Admission Requirements

Students admitted to the M.A.Sc. degree program normally possess a bachelor's degree in biomedical engineering or a relevant discipline, and must meet the general admission requirements for the master's degree programs set by the Faculty of Graduate and Postdoctoral Studies. A student will be admitted to the degree program upon the recommendation of a faculty member associated with the School of Biomedical Engineering and the approval of the Director of the School of Biomedical Engineering, and the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The Master of Applied Science program requires a minimum of 30 credits, including a thesis of 12 credits. It usually requires two years of study. The program is based on a thesis and selected courses.

Graduation from this program, with an M.A.Sc. or Ph.D. degree, does not form an acceptable basis alone for application to associations of Professional Engineers in Canada. Please refer to [Professional Associations](#).

Contact Information

School of Biomedical Engineering
251-2222 Health Sciences Mall
Vancouver, BC V6T 1Z3
Tel: 604.822.0367
Email: admissions@bme.ubc.ca



Web: www.bme.ubc.ca (<http://www.bme.ubc.ca>)

Last updated: May 27, 2021

Degree Programs > Biotechnology

The field of biotechnology is not taught by a single department and there is no formal program leading to a degree in this area. However, the Michael Smith Laboratories offer facilities and opportunities for graduate study in biotechnology through the academic departments of its faculty members. See Michael Smith Laboratories (Calendar page: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=10,320,0,0#24242>).

Last updated: May 27, 2021

Degree Programs > Botany

Degrees Offered: Ph.D., M.Sc.

Members

Professors

K. Adams, M. Berbee, J. Bohlmann, Q. Cronk, J. Davies, S. Graham, G. W. Haughn, R. Jetter, P. Keeling, L. Kunst, B. S. Leander, X. Li, W. Maddison, P. Martone, L. Rieseberg, L. Samuels, C. Suttle, P. Tortell, G. Wasteneys.

Associate Professor Emeritus

P. G. Harrison.

Associate Professors

A. Angert, N. M. Fast, A. Rosado, J. Whitton, Y. Zhang

Assistant Professors

J. H. Lee, S. Michaletz, L.W Parfrey, L. Song, M. Tseng

Program Overview

Research in Botany extends from genomics, molecular genetics, biochemistry and physiology of plants and eukaryotic microorganisms (e.g., fungi and protists) through to cytology and development to systematics, ecology, and phytogeography. Such a broad spectrum of activities provides for dynamic interactions between subdisciplines. In addition, opportunities for interdisciplinary research projects exist with colleagues in other departments and units on campus, such as Forest and Conservation Sciences, Botanical Garden/ Centre for Plant Research, Zoology, Chemistry, Microbiology, Physics, the Michael Smith Laboratories, and the Centre for Biodiversity Research. Several of our faculty apply their strengths in the basic sciences to problems relevant to forestry, agriculture, marine biology, and medicine.

The broad areas of research possible within the program are cell biology and biochemistry; genomics and genetics, plant molecular biology; plant and algal physiology; terrestrial and marine ecology; biosystematics and evolution; development and ultrastructure; protistology; and mycology.

Faculty members supervise students in projects funded by NSERC, CIHR, Genome Canada, and other agencies.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess an M.Sc. in botany or a related area, with clear evidence of research ability or potential. Transfer from the M.Sc. to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations. Exceptional students may be admitted directly to the Ph.D. program from the bachelor's level. Students with an M.Sc. apply directly for the Ph.D. program.

Program Requirements

Although there are few formal course requirements, courses are selected in accordance with the recommendation of the program and the student's supervisory committee.

All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.



Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies. In addition, a first class (86%) or high second class B.Sc. is required.

Program Requirements

The M.Sc. program requires a minimum of 30 credits, including an 18-credit thesis. Courses may be selected from botany and a wide range of related programs on campus, in consultation with the research supervisor and the student's committee. A non-thesis M.Sc. option is also available, in which a major essay is required.

Contact Information

Department of Botany
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Email: alice.liou@botany.ubc.ca
Web: www.botany.ubc.ca (<http://www.botany.ubc.ca>)

Last updated: May 27, 2021

Degree Programs > Business Administration

Degrees Offered: Ph.D., M.Sc.B.

Members

Professors Emeriti

D. R. Atkins, B. Bemmels, I. Benbasat, A. E. Boardman, M. D. Levi, D. F. Muzyka, M. Nakamura, P. N. Nemetz, T. H. Oum, M. Puterman, M. Queyranne, D. Simunic, B. Spencer, Y. Wand, C. B. Weinberg.

Professors

K. Aquino, J. A. Brander, M. Carlson, R. Cenfetelli, M. Chandrashekar, D. Dahl, A. Fisher, L. Gartappi, R. M. Giammarino, D. Gillen, D. Granot, F. Granot, D. Griffin, K. Head, R. L. Heinkel, R. W. Helsley, T. Huh, H. Krishnan, K. Li, R. Lindsey, R. Lundholm, S. T. McCormick, M. Nagarajan, J. C. Ries, S. Robinson, T. W. Ross, S. Shechter, D. Skarllicki, D. van Jaarsveld, J. A. Vercammen, I. Vertinsky, K. White, R. Winter, A. Zhang.

Associate Professors Emeriti

G. Chow, T. Knight.

Associate Professors

W. Antweiler, J. Begley, J. Bena, L. Cavanaugh, H. Cavusoglu, S. Chamberlain, J. T. Davidoff, R. G. Donaldson, J. Favilukis, D. Hardisty, J. Hoegg, N. Langton, A. Lazrak, S. Lee, K. Lo, N. Nan, H. Ortiz-Molina, Y. Qian, M. Schulz, M. -D. Seidel, D. Silver, C. T. Somerville, J. Tansey, C. Woo, C. Wu, H. Zhang, L. Zhang.

Assistant Professors

I. Agarwal, V. Alvarez, A. Aziz, M. Baldauf, B. Bian, A. Bleck, D. Clough, Y. Cornil, J. D'Adduzio, M. Daniels, J. Evans, L. Fang, W. Gornall, K. Kikkawa, B.J. Kim, M. Kim, G. Lee, G. Marshall Manriquez, A. Mokak Teguia, S. Orr, J. Paat, R. Paluch, S. Park, A. Parra, E. Pikulina, P. Reilly, C. Ryan, S. Sajjadi, G. Skoulakis, R. Vijayaraghavan, Y. Wang, Y. Xie, B. Yang, I. Yeung, L. Yu, X. Zheng, M. Zhou.

Program Overview

The Faculty of Commerce and Business Administration¹ is considered the one of the top research business schools in Canada. It offers courses of instruction leading to both the Master of Science in Business Administration (M.Sc.B.) and Doctor of Philosophy (Ph.D.).

¹Otherwise known as the Sauder School of Business.



The areas of study for the Ph.D. program include the fields of accounting, finance, management information systems, management science, marketing and behavioural science, organizational behaviour and human resources, strategy and business economics, and urban land economics. In addition, a student may pursue a cross-field program within the Faculty in such areas as transportation and logistics or international business.

The areas of study for the M.Sc.B. program include finance, management information systems, and transportation and logistics.

Doctor of Philosophy

Admission Requirements

Students with limited financial resources should not be discouraged from applying for admission to the Ph.D. programs, since all students who are admitted, but who have not obtained financial assistance from an external source, will normally receive financial support for the first four years in the program.

Students who wish to transfer from a master's to a doctoral program must have completed one year of study in the master's program with a minimum 80% average in 18 credits, of which at least 10 credits must be at the 500-level or higher and at least 10 credits must be at 80% or higher. The student must show clear evidence of research ability.

Program Requirements

The objectives of the Ph.D. program in Business Administration are to prepare appropriately qualified individuals for careers in academic research and teaching and for research positions in business and government. Since each student enters the program with a unique academic background and pursues a course of study that reflects the candidate's own special interests, it is possible to give only very approximate estimates of the time that may be necessary to complete the major phases of the program. However, doctoral work beyond the master's degree in business administration or its equivalent ordinarily involves about two years of formal coursework. The dissertation research normally requires about two years of additional work.

All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science in Business Administration

Admission Requirements

In addition to fulfilling the Faculty of Graduate and Postdoctoral Studies requirements, the applicant must submit an official GMAT score.

Program Requirements

The Master of Science in Business Administration (M.Sc.B.) is intended primarily for graduate students who plan to pursue, at a later stage, a Ph.D. program in business administration.

The program normally requires two years of study. It is designed by an advisor and a committee so as to best prepare the student for advanced study and research in the chosen area of specialization.

For information on the Master of Business Administration (M.B.A.) or the Master of Management (M.M.) programs, see the [Faculty of Commerce and Business Administration](#), or visit the M.B.A. (<http://www.sauder.ubc.ca/mba>) and M.M. (<http://www.sauder.ubc.ca/mm>)

Contact Information

Faculty of Commerce and Business Administration
2053 Main Mall
Vancouver, BC, Canada V6T 1Z2
Tel: 604.822.8366
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Email: elaine.cho@sauder.ubc.ca
Web: www.sauder.ubc.ca (<http://www.sauder.ubc.ca>)
Elaine Cho, Ph.D. and M.Sc. Programs Administrator

Last updated: June 1, 2021

Degree Programs > Cell and Developmental Biology

Degrees Offered: Ph.D., M.Sc.

Members

**Professor Emeritus**

G. L. Hammond, D. G. Moerman, C. C. G. Naus.

Professors

V. J. Auld, S. X. Bamji, E. Conibear, D. Coombs, L. Edelstein-Keshet, M. R. Gold, K. Haas, L. Hakkinen, P.A. Hoodless, J. D. Johnson, T. J. Kieffer, X. Li, C. J. R. Loewen, J. Matsubara, L. Matsuuchi, E. Moore, T. H. Murphy, I. R. Nabi, T. O'Connor, N. Pante, C. Rankin, L. Raymond, J. M. Richman, C.D. Roskelley, L. Samuels, G. Tanentzapf, T.M. Underhill, V. Viau, A. W. Vogl.

Associate Professors

E. A. Accili, D. W. Allan, A. G. Beristain, M. D. Gordon, B. G. Hoffman, C. J. Lim, D. S. Luciani, F. C. Lynn, C. A. Maxwell, O. L. Moritz, H. Moukhles, M. S. Ramer, S. Taubert.

Assistant Professors

M. Cembrowski, J. Kopp, P. Lange, K. Mizumoto, E. J. Rideout, K. Sugioka, S. Vora, H. Weidberg, K. Williams, S. Yeung.

Program Overview

The Graduate Program in Cell and Developmental Biology (<http://www.cell.ubc.ca>) offers opportunities for advanced study and research in cell and developmental biology through a coordinated program of studies leading to Master of Science and Doctor of Philosophy degrees in the Faculty of Graduate and Postdoctoral Studies. The Program is flexible and is intended to accommodate the diverse backgrounds of students and the broad nature of research in cell and developmental biology.

In addition to coursework, students are expected to engage in original and significant research from the start of their studies. A student's overall training program is decided upon by the student, their research supervisor, and their Advisory Committee.

Acceptance into the Program is dependent upon meeting the general entrance requirements of the Faculty of Graduate and Postdoctoral Studies, being accepted by the Cell and Developmental Biology Graduate Program Advisory Committee, and being accepted by a faculty member who is willing to act as the student's supervisor.

Doctor of Philosophy**Admission requirements**

- Applicants will normally have a master's degree or recognized equivalent from an accredited university-level institution in a relevant field of study, or a professional degree (M.D., D.M.D., D.V.M.), with clear evidence of research ability or potential.
- In exceptional cases, applicants who hold a B.Sc. (Hons.) with an overall average in the 'A' grade range and who demonstrate advanced research ability may be granted direct admission to the Doctoral program on recommendation of the Director/Graduate Advisor of the Graduate Program in Cell & Developmental Biology and approval of the Dean of the Faculty of Graduate and Postdoctoral Studies.
- Transfer from the M.Sc. program to the Ph.D. program is permitted, subject to agreement from the student's research supervisor and Advisory Committee, and subject to meeting the Faculty of Graduate and Postdoctoral Studies requirements for transfer.
- Applicants whose first language is not English may be required to take the Test of English as a Foreign Language (TOEFL).

Program Requirements

- For the Ph.D. degree, the usual period of study is three to four years after completion of a master's program in a related discipline, or four to six years following direct admission to the Ph.D. program following an undergraduate Honour's degree.
- To maintain registration as doctoral students, students entering with a bachelor's degree must, during their first year of study, complete 12 credits of coursework with a first class average, of which 6 credits must be from the Program's roster of 500-level Process courses, at least 3 credits must be from the Program's roster of 500-level Content courses, and at least 9 credits must be of first class standing.
- Students who enter the Ph.D. program with a master's degree in an unrelated discipline are required to successfully complete, in their first year, both of the Program's 3 credit Process courses. These students, and students who enter the Ph.D. program with a master's degree in Cell & Developmental Biology or a related discipline, are not required to take additional coursework unless this is recommended by their research supervisor in consultation with the student's Advisory Committee.
- All doctoral students are required to pass a comprehensive written and oral examination within the first 24 months of study, and to undertake an original and in-depth research project under the supervision of a faculty member.
- The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science**Admission requirements**

Applicants will have a B.Sc. in a relevant discipline, with a minimum B+ average (>76%) in third and fourth year-level coursework or at least 12 credits of



third- or fourth-year courses in the A- grade range (>80%), or a professional degree (M.D., D.M.D., D.V.M.).

Applicants whose first language is not English may be required to take the TOEFL.

Program Requirements

- For the M.Sc. degree, the usual period of study is two to three years.
- Requirements for the M.Sc. include the satisfactory completion of 30 credits of coursework, original and in-depth research under the supervision of a faculty member, and a research master's thesis. The thesis is assigned 18 credits and is counted as part of the coursework requirement.
- Of the remaining 12 credits of coursework, 6 credits must be from the Program's roster of 500-level Process courses and at least 3 credits must be from the Program's roster of 500-level Content courses.
- Transfer to the Ph.D. program is permitted, subject to agreement from the student's research supervisor and Advisory Committee, and subject to meeting the Faculty of Graduate and Postdoctoral Studies requirements for transfer.

Contact Information

Graduate Program in Cell and Developmental Biology
1347-2350 Health Sciences Mall
Vancouver, BC, Canada V6T 1Z3
Tel: 604.822.2671
Email: cell.grad@ubc.ca
Web: www.cell.ubc.ca (<http://www.cell.ubc.ca>)

Last updated: June 1, 2021

Degree Programs > Chemical and Biological Engineering

Degrees Offered: Ph.D., M.A.Sc., M.Sc.

Members

Professors

S. Baldwin, C. P. Berlinguette, X. Bi, N. Ellis, P. Englezos, J. Feng, B. Gopaluni, E. Gyenge, S.G. Hatzikiriakos, C. Haynes, C. J. Lim, M. D. Martinez, M. Mohseni, J. M. Piret, O. Rojas Gaona, K. J. Smith, F. Taghipour, A. Wachs, D.P. Wilkinson.

Associate Professors

E. Cranston, J. Foster, J. Hill, A. Lau, S. Srebnik, H. L. Trajano, V. Yadav.

Assistant Professors

Y. Cao, J. M. Frostad, D.C. Upham.

Program Overview

The Department of Chemical and Biological Engineering (<http://www.chbe.ubc.ca>) offers graduate programs leading to research degrees of Doctor of Philosophy (Ph.D.), Master of Applied Science (M.A.Sc.) and Master of Science (M.Sc.). Thesis and dissertation topics are available in the fields of faculty research. Joint research is carried out in areas of common interest at the master's and doctoral levels with many of the World's leading research institutes, including our partnered units at UBC that include the *Michael Smith Laboratories* (*Calendar page: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=10,320,0,0#24242>*), *Bioenergy Research Demonstration Facility* (*<http://www.energy.ubc.ca/projects/brdf/>*), *Clean Energy Research Centre* (*<http://www.cerc.ubc.ca/>*), *BioProducts Institute* (*<http://bpi.ubc.ca/>*) and *Pulp & Paper Centre* (*<http://www.ppc.ubc.ca/>*) in areas of common interest. CHBE faculty-led research provides innovative and sustainable solutions to pressing local and global challenges to industry and society. The faculty are engaged in research in the following broad areas:

- Biotechnology
- Chemical Process Engineering
- Energy and Materials
- Environmental Engineering

Graduates from other branches of engineering or from science may also be accepted, but may be required to successfully complete selected undergraduate/graduate courses in chemical and biological engineering before receiving a degree. A list of undergraduate/graduate course requirements may be obtained from the Department of Chemical and Biological Engineering website (<https://www.chbe.ubc.ca/>).

Doctor of Philosophy



Admission Requirements

Students admitted to the Ph.D. degree program normally possess an M.A.Sc. degree in chemical engineering or a related area, with clear evidence of research ability or potential. Transfer from the master's to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies. Exceptional students may be admitted directly to the doctoral program from the bachelor's level, with approval from the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

All doctoral students are required to complete a comprehensive examination successfully. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

The Ph.D. is for superior students who wish to acquire the knowledge, techniques, and skills required for advanced research. The program is based on a dissertation, at least 6 credits of coursework suitable to the student's research interests, the seminar course CHBE 598, and a proposal preparation course CHBE 697 for a total of 9 credits of coursework.

Master of Applied Science

Admission Requirements

Students admitted to the M.A.Sc. degree program normally possess a bachelor's degree in Chemical Engineering or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.A.Sc. requires a 12-credit thesis and 18 credits of coursework, including the seminar course CHBE 598 and the proposal preparation course CHBE 597. Normally, the required 18 credits will include 6 credits chosen from fundamental graduate courses in chemical and biological engineering and 6 credits of additional graduate courses. The remaining 6 credits can be other graduate or undergraduate 300 and/or 400 level courses. Part-time students may enrol in the M.A.Sc. program.

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program normally possess a bachelor's degree in an area such as agriculture, forestry, or a related area of science, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.Sc. requires a 12-credit thesis and 18 credits of coursework, including the seminar course CHBE 598 and the proposal preparation course CHBE 597. Normally, the required 18 credits will include 6 credits chosen from fundamental graduate courses in chemical and biological engineering and 6 credits of additional graduate courses. The remaining 6 credits can be other graduate or undergraduate 300 and/or 400 level courses. Part-time students may enrol in the M.Sc. program.

Master of Engineering

For information about the professional Master of Engineering (M.Eng.), see the [Faculty of Applied Science](#) or visit the Program (<http://www.engineering.ubc.ca/academics/graduate/professional-programs#MEng>).

Master of Engineering Leadership

For information about the professional Master of Engineering Leadership (M.E.L.), see the [Faculty of Applied Science](#) (<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,195,0,0>) or visit the Program (<http://www.engineering.ubc.ca/academics/graduate/professional-programs#MEng>).

Contact Information

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Web: www.chbe.ubc.ca (<http://www.chbe.ubc.ca>)

Last updated: June 1, 2021



Degree Programs > Chemistry

Degrees Offered: Ph.D., M.Sc.

Members

Professors

R. J. Andersen, C. P. Berlinguette, A.K Bertram, D. Bizzotto, D. E. Brooks, H. Brumer, D. D. Y. Chen, K. C. Chou, M. A. Ciufolini, M. D. Fryzuk, D. P. Gates, E. Grant, J. Hepburn, R. Jetter, R. Krems, H. Li, M. MacLachlan, L. P. McIntosh, P. Mehrkhodavandi, T. Momose, C. Orvig, G. N. Patey, D. Perrin, O. Rojas, L. Schafer, J. C. Sherman, S. Straus, M. E. Tanner, S. G. Withers, M. O. Wolf.

Associate Professors

R. Algar, S. A. Burke, G. Dake, J. Hein, A. MacFarlane, K. Orians, K. Ryan, G. Sammis, M. Thachuk, Y. A. Wang.

Assistant Professors

N. Borduas-Dedekind, T. Huan, Z. Hudson, E. Nichols, J. Reid.

Program Overview

The Department of Chemistry offers a wide variety of research programs leading to degrees of M.Sc. and Ph.D. across the full breadth of chemistry, including inorganic, organic, analytical, biological, physical, theoretical, nuclear, environmental, and materials chemistry.

These programs are supported by an extensive in-house service infrastructure, the TRIUMF cyclotron, and radioactive beams facility (ISAC), as well as support personnel and cutting-edge research equipment.

Research facilities can accommodate over 300 graduate students, postdoctoral fellows, and academic staff.

Doctor of Philosophy

Admission Requirements

Applicants are required to hold an M.Sc. or equivalent in chemistry, biochemistry, physics, or related fields or a B.Sc. with a 86% average in an honours or combined honours chemistry program or equivalent. Students in the M.Sc. program may transfer into the Ph.D. program at the end of their first year, provided they meet the transfer requirements of the Faculty of Graduate and Postdoctoral Studies and the Department.

Program Requirements

Coursework in the Ph.D. program is assigned in accordance with the recommendation of the Department and the student's supervisory committee.

All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Applicants are required to hold: an honours degree in chemistry, biochemistry, or physics, or a combined honours degree in chemistry and physics, chemistry and mathematics, chemistry and biochemistry, chemistry and oceanography, or chemistry and biology; or a bachelor's degree in chemical engineering with at least second class standing; or a single major in chemistry with at least second class standing; or the equivalent to any of the above.

Program Requirements

The program requires a thesis and 12 credits of graduate or advanced courses in chemistry and/or related subjects.

International Three-Two B.Sc./M.Sc. Degree Partnership in Chemistry

A partnership between the Chemistry Department and select European universities provides eligible students with a study exchange experience allowing for the completion of both Bachelor of Science (B.Sc.) and Master of Science (M.Sc.) degrees. A brief overview is provided below with detailed information available at International Three-Two B.Sc./M.Sc. Degree Partnerships (<http://chem.ubc.ca/study-abroad>).

Laddered Degree Option (for UBC undergraduate students)



Eligible UBC undergraduate students have an opportunity to complete a B.Sc. degree from UBC and a M.Sc. degree from a Partner university. For further details, see [Chemistry](#).

Consecutive Degree Option (for students at Partner universities)

Eligible students first complete a B.Sc. degree in Chemistry at any Partner university then complete a M.Sc. degree in Chemistry at UBC. In total, this requires three years of study at a Partner university and two years of study at UBC. Students apply during their final year of study for the B.Sc., and must meet the minimum requirements for admission to the UBC Faculty of Graduate and Postdoctoral Studies. Students in good standing will have the option of transferring to the UBC Ph.D. program after one year.

Contact Information

Department of Chemistry
2036 Main Mall
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Web: www.chem.ubc.ca (<http://www.chem.ubc.ca>)

Last updated: June 1, 2021

Degree Programs > Children's Literature

Degrees Offered: M.A.

Members

Professor Emeritus

J. Saltman.

Professors

T. Dobson, M. Kendrick, T. Rogers.

Associate Professors

M. Asselin, E. Meyers.

Assistant Professors

E. Pohl-Weary, D. Gladwin

Program Overview

The School of Information, with the participation of the School of Creative Writing and the departments of English Language and Literatures and Language and Literacy Education, offers a multi-disciplinary Master of Arts program in Children's Literature. The program provides specialized education for graduate students in the study of children's literature using a multidisciplinary approach. The program is designed to provide each student with the opportunity to study the creative writing and publishing of this literature, examine models of sharing its rich heritage with the young, and also facilitate the literary, social, historic, and psychological analyses of children's literature as literature. This multi-disciplinary approach will expose students to many schools of literary criticism, educational theory, and professional and creative practice. It will acquaint students with the broad literary canon of children's literature across a spectrum of languages and cultures and with a variety of critical perspectives and professional applications.

Master of Arts in Children's Literature

Admission Requirements

For information on the M.A. admission requirements, visit the [Master of Arts in Children's Literature](#).

Program Requirements

For information on the M.A. program requirements, visit the [Master of Arts in Children's Literature](#).



Contact Information

School of Information
Irving K. Barber Learning Centre
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Tel: 604.822.2404
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Web: www.macl.arts.ubc.ca (<http://www.macl.arts.ubc.ca>)

Last updated: June 1, 2021

Degree Programs > Cinema and Media Studies

Degrees Offered: Ph.D., M.A.

Members

Professors

L. Coulthard, E. Mathijs, B. McLroy.

Associate Professors

Assistant Professor

C. Laird, M. Zuo

Affiliated Members

K. Frackman, I. Iurascu, K. Johnston, B. Karwowska, S. Liu, E. Malakaj, H. Marshall, C.W. Marshall, M. Mota, J. O'Brian, S. Orbaugh, C. Rea, A. Santos, T. Scholte, T. Smith, C. Soussloff, S. Taubeneck, C. Testa, S. Tomc, S. Walsh.

Program Overview

The Department of Theatre and Film offers a Master of Arts (M.A.) in Cinema and Media Studies, and, proposed for the 2018 Winter session, a Doctor of Philosophy (Ph.D.) in Cinema and Media Studies. Both programs require a dissertation/thesis.

The UBC Library and the Program's Visual Resources Centre have extensive academic film studies and audiovisual holdings.

Doctor of Philosophy

Admission Requirements

Prerequisites for admission to the Ph.D. in Cinema and Media Studies program include a master's degree (or equivalent) in a related field, normally film studies or cinema studies.

Applicants must meet the minimum admission requirements of the Faculty of Graduate and Postdoctoral Studies. Applicants who do not meet the academic requirements stated above, but who have had other significant formal training, relevant professional expertise, and/or otherwise possess demonstrable knowledge or expertise that would prepare them adequately for successful study in the graduate program, may be granted admission on the recommendation of the program Director and the approval of the Dean of Graduate and Postdoctoral Studies.

Transfer from the M.A. to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations. For specific application requirements, please visit the Program.

Program Requirements

The Ph.D. program requires 6 graduate credits of coursework in Film Studies, and 3 elective graduate or senior undergraduate credits of coursework in a Department outside the Department of Theatre and Film, all chosen in consultation with the program's Graduate Committee. Comprehensive examinations, a language requirement, and a dissertation proposal are also required. The major requirement for the Ph.D. is completion of a research dissertation meeting Faculty of Graduate and Postdoctoral Studies requirements.

All students in the Ph.D. program are expected to apply for funding to support their studies.



Master of Arts in Cinema and Media Studies

Admission Requirements

Students will be considered for acceptance into the program from any recognized degree in film studies, or who have at least 18 credits in film studies courses at the third- or fourth-year level with A standing in a degree with a major or honours in another subject. Applicants must meet the minimum admission requirements of the Faculty of Graduate and Postdoctoral Studies. For specific application requirements, please visit the Program website (<http://theatreilm.ubc.ca/graduate-studies/cinema-and-media-studies/>).

Program Requirements

The Program consists of 30 credits, including 12 credits of graduate film courses selected from FIST 500, 510, 520, 531, 532, 534, 547, and a 12-credit thesis (549B). A maximum of 6 credits may be taken at the 300- or 400-level.

For detailed information about specific requirements, please visit the Program website (<http://theatreilm.ubc.ca/graduate-studies/cinema-and-media-studies/>).

All students in the M.A. Program are expected to apply for SSHRC and/or UBC-affiliated awards to support their studies.

Contact Information:

Cinema and Media Studies Graduate Programs
6354 Crescent Road
Vancouver, BC V6T 1Z2
Tel: 604.822.3880 x. 0
Fax: 604.822.5985
Web: theatreilm.ubc.ca (<http://theatreilm.ubc.ca>)
Email: thtr.sec@ubc.ca

Last updated: June 1, 2021

Degree Programs > Civil Engineering

Degrees Offered: Ph.D., M.A.Sc.

Members

Professors

P. E. Adebar, N. Banthia, P. Bérubé, R. J. Fannin, T. Haukaas, M. Isaacson, B. Laval, G. A. Lawrence, B.J. Lence, L. Li, T. A. Sayed, S. Staub-French, M. Taiebat, R. Vaziri, C. E. Ventura, D. Wijewickreme, T. Y. Yang.

Associate Professor

A. Bigazzi, A. Kim

Assistant Professors

S. Beck, Z. Bullock, T. Carey, J. Jelovica, J. Lee, C. Molina Hutt, R. Scholes, Z.K. Shawwash, O. Swei, S. Weijs, C. Zanotti, R. M. Ziels, Z. Zou.

Professors Emeriti

D. Anderson, S-T. Chieng, W.D.L. Finn, R. Foschi, E.R. Hall, K.V. Lo, D.S. Mavinic, S. Mindess, F.P.D. Navin, M.D. Olson, M.C. Quick, A. D. Russell, S.O.D. Russell, R. Sexsmith, S. Stierner, Y. Vaid.

Associate Professors Emeriti

J. W. Atwater, G.R. Brown, W. F. Caselton, R. Spencer.

Program Overview

Civil Engineering offers two graduate degree programs under the Faculty of Graduate and Postdoctoral Studies: Master of Applied Science (M.A.Sc.), and Doctor of Philosophy (Ph.D.). In each of these programs, students may select one of several areas of specialization.



Persons interested in taking a coursework-based graduate degree may apply to the M.Eng. program (see below), and those interested in taking advanced graduate courses, but who do not wish to undertake a full graduate degree program, may apply on an unclassified (i.e., non-degree) basis through Enrolment Services.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree will normally possess a master's degree in civil engineering or a related discipline with a minimum GPA of B+ (76%-79%) and with clear evidence of research ability or potential. Transfer from the M.A.Sc. to the Ph.D. program is permitted under UBC regulations.

Program Requirements

This research degree is offered in any one of several areas of specialization. Successful completion of the Ph.D. program requires the successful completion of coursework requirements, the comprehensive examination, the proposal defence and the PhD dissertation meeting the requirements of the Faculty of Graduate and Postdoctoral Studies. The minimum number of course credits required beyond the bachelor's degree is 30; however, students generally need about one full year of coursework beyond a master's degree. No more than 6 credits of coursework can be taken as directed studies. The dissertation research is undertaken under the close supervision of, and consultation with, the Research Supervisor. Completion of the degree, including coursework, normally takes four to five years.

For further information on the Ph.D. program in Civil Engineering, visit the Ph.D. Program (<http://www.civil.ubc.ca/academic-programs/graduate-program/degrees/doctor-philosophy-phd-0>).

Master of Applied Science

Admission Requirements

Students admitted to the M.A.Sc program will normally possess a bachelor's degree in civil engineering or a related discipline with a minimum GPA of B+ (76-79%) and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.A.Sc. requires completion of a minimum of 30 credits, made up of at least 18 credits of coursework and the completion of a 12-credit master's thesis. At least 12 credits in graduate courses in civil engineering subjects are required. No more than 6 credits of coursework can be taken as directed studies.

Students can complete the coursework requirements for the M.A.Sc. in two terms (Term 1: September- December, Term 2: January-April). Following completion of coursework requirements, M.A.Sc. students work full-time on directed research. It usually takes 16 to 24 months of full-time study to complete the coursework and thesis requirements of the M.A.Sc. program.

For further information on the M.A.Sc. program in Civil Engineering, visit the M.A.Sc. Program (<http://www.civil.ubc.ca/academic-programs/graduate-program/degrees/master-applied-science-masc-0>).

Master of Engineering

For information on the Master of Engineering (M.Eng.) program in Civil Engineering, visit the M.Eng. Program (<http://www.civil.ubc.ca/academic-programs/graduate-program/degrees/master-engineering-meng-0>).

Contact Information

Department of Civil Engineering
Attn: Graduate Support
2002 - 6250 Applied Science Lane
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.0667
Email: gradsupport@civil.ubc.ca
Web: www.civil.ubc.ca (<http://www.civil.ubc.ca>)

Last updated: June 1, 2021

Degree Programs > Classical and Near Eastern Archaeology

Degree Offered: M.A.

Members



Professors

L. Bablitz, E. Cooper, F. De Angelis, C. W. Marshall, T. Schneider.

Associate Professors

R. Cousland, G. E. Gardner, M. Griffin, S. McElduff, S. J. Milstein.

Assistant Professors

M. Daniels, K. Fisher, K. Huemoeller, G. A. Keddie, M. McCarty, F. Yoon.

Program Overview

The graduate program in Classical and Near Eastern Archaeology offers a course of instruction leading to a Master of Arts (M.A.). For detailed information about the program, visit the Department (<http://cnrs.ubc.ca/for-graduates/>).

Master of Arts

Admission Requirements

Prerequisites for the M.A. program include a Bachelor of Arts in Classics (Greek and Latin), Classical Studies (non-language program), Near Eastern Studies, Religious Studies, or a related discipline.

For details on language prerequisites and requirements, see the Program (<http://cnrs.ubc.ca/for-graduates/admission/>).

Program Requirements

The M.A. program requires 24 credits of coursework and the writing of an M.A. thesis worth 6 credits (CNRS 549). The 24 credits of coursework must include CNRS 500, and 18 must be numbered 500 or above (graduate courses), while the remaining 6 may, at the discretion of the program, be at the 300- or 400-level. Students who come into the program without any archaeological field training are also required to take part in an approved archaeological field project.

Modern Language Requirement

Students are required to demonstrate reading knowledge of an approved modern language (usually French, German, or Italian). This requirement must be met before the end of the first year of study. Any courses taken to satisfy this requirement do not count towards the 30 credits required for the program.

Contact Information

Classical, Near Eastern and Religious Studies
Buchanan C227, 1866 Main Mall
Vancouver, BC, Canada V6T 1Z1
Tel: 604.827.1635
Email: cnrs.grad@ubc.ca
Web: www.cnrs.ubc.ca (<http://www.cnrs.ubc.ca>)
Sheri Pak, Graduate Program Advisor

Last updated: June 1, 2021

Degree Programs > Classics

Degrees Offered: Ph.D., M.A.

Members

Professors

L. Bablitz, E. Cooper, F. DeAngelis, C. W. Marshall, T. Schneider.

Associate Professors

R. Cousland, G. E. Gardner, M. Griffin, S. McElduff, S. J. Milstein.



Assistant Professors

M. Daniels, K. Fisher, K. Huemoeller, G. A. Keddie, M. McCarty, F. Yoon

Program Overview

The Classics graduate program offers courses of instruction leading to both a Master of Arts (M.A.) and Doctor of Philosophy (Ph.D.).

The Ph.D. in Classics offers a core program in Latin and Greek language and literature, and also less language-intensive options in Classical Archaeology and Ancient History.

Doctor of Philosophy

Admission Requirements

In addition to fulfilling the Faculty of Graduate and Postdoctoral Studies admission requirements, prerequisites for the Ph.D. include an M.A. in Classics or equivalent. Transfer from the M.A. to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies.

For details on the prerequisites and graduate regulations (including language prerequisites and requirements), see the Program (<http://cnrs.ubc.ca/for-graduates/admission/>).

Program Requirements

Students are required to take 18 credits of graduate courses beyond the M.A. These courses are to be chosen in consultation with the Classics Graduate Advisor. Students may, with permission of the Graduate Committee, take a maximum of 6 credits in 500-level courses in other departments. In addition, the program requires reading knowledge of two modern languages appropriate to the field of study and preliminary examinations. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

For details on requirements, see the Program (<http://cnrs.ubc.ca/for-graduates/phd-program-requirements-and-policies/>).

Master of Arts

Admission Requirements

Prerequisites for the M.A. program include a B.A. in Classics or equivalent.

Entry into the program requires a minimum of at least 18 credits at the 300 and 400 level in Ancient Greek and/or Latin, including at least 6 credits in each language.

For details on the language prerequisites, see the Program (<http://cnrs.ubc.ca/for-graduates/admission/>).

Program Requirements

The M.A. program requires 24 credits of coursework and the writing of an MA thesis worth 6 credits (CNRS 549). The 24 credits of coursework must include CNRS 500, and 18 must be numbered 500 or above (graduate courses), while the remaining 6 may, at the discretion of the program, be at the 300- or 400-level.

Ancient Language Requirements

At least 12 credits at the 500 level must be in courses in GREK and/or LATN.

Modern Language Requirements

Students are required to demonstrate reading knowledge of an approved modern language (usually French, German or Italian). This requirement must be met before the end of the first year of study. Any courses taken to satisfy this requirement do not count towards the 30 credits required for the program.

Contact Information

Classical, Near Eastern and Religious Studies
Buchanan C227, 1866 Main Mall
Vancouver, BC, Canada V6T 1Z1
Tel: 604.827.1635
Email: cnrs.grad@ubc.ca
Web: cnrs.ubc.ca (<http://cnrs.ubc.ca>)
Sherri Pak, Graduate Program Advisor



Degree Programs > Computer Science

Degrees Offered: Ph.D., M.Sc.

Members

Professors Emeriti

U. Ascher, K.S. Booth, D. G. Kirkpatrick, D. Lowe, A. K. Mackworth, B. Woodham.

Professors

G. Carenini, C. Conati, A. Condon, W. Evans, M. Friedlander, J. Friedman, M. Greenstreet, C. Greif, A. J. Hu, G. J. Kiczales, L. V.S. Lakshmanan, K. Leyton-Brown, J. J. Little, K. MacLean, J. McGrenere, I. Mitchell, T. Munzner, G. C. Murphy, R. Ng, D. K. Pai, D. L. Poole, M. Seltzer, A. Sheffer, B. Shepherd, M. Van de Panne.

Associate Professors

I. Beschastnikh, J. Clune, M. J. Feeley, R. Garcia, R. Holmes, N. C. Hutchinson, R. Pottinger, R. Rensink, M. Schmidt, L. Sigal, A. S. Wagner, F. Wood.

Assistant Professors

W. Bowman, H. Fu, A. Mehta, H. Rhodin, A. Roth, R. Xiao, , K. M. Yi, D. Yoon.

Program Overview

The Department of Computer Science offers opportunities for advanced study leading to a Ph.D. and M.Sc. Fields of study within Computer Science include Bayesian statistics and applications, bioinformatics, computational intelligence (computational vision, automated reasoning, multi-agent systems, intelligent interfaces, and machine learning), computer communications, databases, distributed and parallel systems, empirical analysis of algorithms, computer graphics, human-computer interaction, hybrid systems, integrated systems design, networks, network security, networking and multimedia, numerical methods and geometry in computer graphics, operating systems, programming languages, robotics, scientific computation, software engineering, visualization, and theoretical aspects of computer science (computational complexity, computational geometry, analysis of complex graphs, and parallel processing).

Sub-Specialization in Human-Computer Interaction

See Designing for People (DFP) (<http://dfp.ubc.ca/>) for more information.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess an M.Sc. degree in computer science or related area, with clear evidence of research ability or potential. Transfer from the M.Sc. to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations.

Program Requirements

All students enrolled in the Ph.D. program in Computer Science must satisfy course requirements (<http://www.cs.ubc.ca/students/grad/prospective/programs/phd>) covering a wide range of fields of study within Computer Science. All doctoral students are required to complete a comprehensive examination successfully. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

For detailed information about program requirements, see CS Graduate Admissions (<http://www.cs.ubc.ca/students/grad/prospective>).

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program normally possess a B.Sc. degree in computer science or related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements



There are three options available to M.Sc. students:

1. 18 credits of coursework, plus a 12-credit M.Sc. thesis
2. 24 credits of coursework, plus a 6-credit M.Sc. thesis
3. 27 credits of coursework satisfying the Program's breadth requirements (<http://www.cs.ubc.ca/sites/cs/files/pages/coursereq1.pdf>), plus a 3-credit master's essay

For detailed information about program requirements, see CS Graduate Admissions (<http://www.cs.ubc.ca/prospective/grad>).

Contact Information

Graduate Admission
Department of Computer Science
2366 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.1202
Fax: 604.822.5485
Web: www.cs.ubc.ca/students/grad/prospective (<http://www.cs.ubc.ca/students/grad/prospective>)

Last updated: June 1, 2021

Degree Programs > Counselling Psychology

Degrees Offered: Ph.D., M.A., M.Ed.

Members

Professors

W. Borgen, M. Buchanan, A. Hubley, R. Young.

Associate Professors

R. Bedi, D. Cox, B. Haverkamp, I. Ishiyama.

Program Overview

The Counselling Psychology (CNPS) program offers Ph.D., M.A., and M.Ed. programs. The Ph.D. program is accredited by the Canadian and American Psychological Associations, and the master's programs are accredited by the CCA Council on Accreditation of Counsellor Education Programs. Faculty members are involved in a wide range of research activities including intercultural counselling, First Nations counselling, career development and counselling, stress and coping, sexuality and reproductive health, disabilities, trauma, working with families and children in school settings, prevention of anxiety disorders, and empirically supported approaches utilizing both quantitative and qualitative methodologies.

Note: The American Psychological Association will stop accreditation for any program in Canada as of September 1, 2015. This will include our program.

Doctor of Philosophy

Admission Requirements

Applicants must satisfy the general academic requirements of the Faculty of Graduate and Postdoctoral Studies, and have completed a thesis-based master's degree equivalent to the CNPS M.A. in counselling (or its equivalent) with an overall grade average of at least 80%. Applicants are also required to write the Graduate Record Examination (GRE) general test, and, if applicable, the TOEFL test.

Program Requirements

The 51-credit CNPS doctoral (Ph.D.) program requires four years of full-time study, including on-campus courses, supervised training, and pre-doctoral internship.

The Ph.D. program is designed to educate counselling psychologists as researchers, practitioners, and educators. The focus of the program is on developing doctoral level competence in research, counselling theory and counselling skills. In exceptional circumstances, up to 15 credits of coursework may be waived in recognition of previous coursework. The program involves completion of 51 credits of coursework, theory and specialty comprehensive examinations, a 1600 hour internship and a dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements. In order for students to meet deadlines for comprehensive examinations and candidacy, the department requires students to be engaged in full time study prior to advancement to candidacy.



Master of Arts

Admission Requirements

Applicants must satisfy the general academic requirements of the Faculty of Graduate and Postdoctoral Studies. In addition, applicants should have completed senior undergraduate courses in each of learning, statistics and either abnormal psychology or behaviour disorders. CNPS 362, 363 and 365 also are required prerequisites. Applicants should have a minimum of three years work/volunteer experience that involves helping relationships with children, adolescents and/or adults.

Applicants are required to write the Graduate Record Examination (GRE) general test, and, if applicable, the TOEFL test.

Program Requirements

The program requires completion of 48 credits of coursework and a 6-credit thesis. In exceptional circumstances up to 12 credits of coursework may be waived in recognition of previous coursework and relevant work experience. In addition to offering core courses in research, counselling theory and skill acquisition/practica, the program provides the opportunity for students to focus on one of the three areas recognized by the organization that accredits the program, Council for Accreditation of Counsellor Education Programs. These areas of focus are school counselling, counselling in higher education, and community and agency counselling. The program may be completed on a full- or part-time basis.

Master of Education

Admissions Requirements

Applicants must satisfy the general academic standards of the Faculty of Graduate and Postdoctoral Studies. In addition, applicants should have completed senior undergraduate courses in the areas of learning (except for the vocational rehabilitation counselling area of focus), and either abnormal psychology or behaviour disorders. For details, see Counselling Psychology (<http://ecps.educ.ubc.ca/counselling-psychology/application-info/>). CNPS 362, CNPS 363, and CNPS 365 (or equivalent) are also required prerequisites. Applicants should have a minimum of three years work/volunteer experience that involves helping relationships with children, adolescents and/or adults. If applicable, applicants are required to write the TOEFL test.

Program Requirements

The program requires completion of 48 credits of coursework. In exceptional circumstances up to 12 credits of coursework may be waived in recognition of previous coursework and relevant work experience. In addition to offering core courses in counselling theory, skill acquisition/practica, and research, the program provides the opportunity for students to focus on one of the four areas recognized by the organization that accredits the program, Council for Accreditation of Counsellor Education Programs. These areas of focus are school counselling, counselling in higher education, community and agency counselling, and vocational rehabilitation counselling. Note that the area of focus in vocational rehabilitation counselling requires CNPS 363 as a prerequisite rather than a course in learning. For the other areas of focus, CNPS 363 is part of the M.Ed. program. The school counselling, counselling in higher education, and community and agency counselling areas of focus may be completed on a full or part time basis. The vocational rehabilitation counselling area of focus is available on a part time basis only.

Contact Information

Department of Educational and Counselling Psychology, and Special Education
2125 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.6371
Fax: 604.822.3302
Email: karen.yan@ubc.ca
Web: <http://ecps.educ.ubc.ca/counselling-psychology/>

Last updated: June 1, 2021

Degree Programs > Craniofacial Science

Degrees Offered: Ph.D., M.Sc.

Members

Professors Emeriti

D. M. Brunette, B. J. Craig, V. M. Diewert, R.L. Harrison, A. A. Lowe, M. I. MacEntee, L. Rucker, J. Walton.

Professors

D. Bromme, M. P. Haapasalo, L. Hakkinen, H. S. Larjava, D. MacDonald, M. Macdougall, R. Marins de Carvalho, C. M. Overall, C. Poh, E. Putnins, J. M. Richman, D. Ruse, C. Shuler, H. C. von Bergmann, C. Wyatt, E. H. K. Yen, L. Zhang.



Associate Professors Emeriti

C. R. Roberts, R. M. Shah, J. D. Waterfield.

Associate Professors

J. Aleksejuniene, F. Almeida, M. Brondani, L. Donnelly, N. Ford, H. Kim, D. Laronde, A. Manso, K. Mathu-Miju, C. Nguyen, B. Pliska, Y. Shen, B. Zou.

Assistant Professors

R. Bryant, J. M. Coil, I. Matthew, N. Mostafa, S. Vora.

Program Overview

The M.Sc. program ordinarily requires two full academic years of study. There is also the option to enrol in the M.Sc. program as a part-time student. The Ph.D. program ordinarily requires at least three full academic years of study. Both M.Sc. and Ph.D. programs are research-oriented, consisting of didactic courses and original research carried out under supervision.

Both the M.Sc. and Ph.D. programs are research programs; they do not lead to clinical specialization and are unrelated to licensure.

Doctor of Philosophy

Admission Requirements

All applicants must meet the Faculty of Graduate and Postdoctoral Studies minimum academic standards for admission. Applicants for the Ph.D. degree must hold a D.D.S., D.M.D., M.D., or D.V.M., or equivalent, or an M.Sc. in dental science or a related discipline. The TOEFL score requirement for graduate from a country where English is not the primary language is 580 (paper-based) or 93 (internet-based).

Part-time Doctoral Classification is also available. This must be approved at the point of admission (<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,204,341,187>).

Program Requirements

Courses are selected in accordance with the recommendation of the program and the student's supervisory committee and graduate advisor. All Ph.D. students are required to complete a comprehensive examination successfully. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate Studies requirements.

For more information on admission and program requirements, see the Program (http://www.dentistry.ubc.ca/academic_programs/phd/default.asp).

Doctor of Philosophy/Diploma in Clinical Dental Specialty

Program Overview

These combined program options include a Ph.D. in Craniofacial Science in conjunction with a diploma in a dental clinical specialty. Diploma options are available in endodontics, orthodontics, pediatric dentistry, periodontics and prosthodontics.

Admission Requirements

All applicants must meet the Faculty of Graduate and Postdoctoral Studies minimum academic standards for admission. Applicants for the Ph.D. degree must hold a D.D.S., D.M.D., M.D., or D.V.M., or equivalent, or an M.Sc. in dental science or a related discipline. Fluency in English is also required. The minimum TOEFL score requirement for graduates from a country where English is not the primary language is 580 (paper-based) or 93 (internet-based).

For more information on admission deadlines and program requirements, see the Program website (<http://www.dentistry.ubc.ca/Education/Grad/PhD/Research/default.asp>).

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program normally possess a bachelor's degree in one of the major recognized fields of dentistry or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

The TOEFL score requirement for graduate from a country where English is not the primary language is 580 (paper-based) or 93 (internet-based).

Program Requirements



The M.Sc. program requires a minimum of 30 credits, including an 18-credit thesis (DENT 599). A minimum of 12 credits of coursework is required. A minimum of 9 credits must be at the 500-699 level and a maximum of 3 credits can be taken at the 300- or 400-level. Students normally take DENT 539 and DENT 540 during their first year. The program will usually require two full academic years; however, an extended program of part-time M.Sc. studies is also available.

Master of Science/Diploma in Clinical Dental Specialty

Program Overview

These combined program options include an M.Sc. in Craniofacial Science in conjunction with a diploma in a dental clinical specialty. Diploma options are available in endodontics, orthodontics, pediatric dentistry, periodontics and prosthodontics.

Admission Requirements

Admission to the program must satisfy the requirements for admission to the faculties of Graduate and Postdoctoral Studies and Dentistry. Applicants must hold a Doctor of Dentistry or its equivalent from a recognized university. Fluency in English is also required. The minimum TOEFL score requirement for graduates from a country where English is not the primary language is 580 (paper-based) or 93 (internet-based).

For more information on admission deadlines and program requirements, see the program website (<http://www.dentistry.ubc.ca/grad>).

Contact Information

Office of Graduate/Postgraduate Studies
Faculty of Dentistry
2199 Wesbrook Mall
Vancouver, BC, Canada V6T 1Z3
Tel: 604.822.9726/604.822.7566
Fax: 604.822.8279
Web: www.dentistry.ubc.ca (<http://www.dentistry.ubc.ca>)

Last updated: June 1, 2021

Degree Programs > Creative Writing

Degree Offered: M.F.A.

Members

Professors

K. Maillard, L. Svendsen.

Associate Professors

A. Lyon, S. McGowan, M. Medved, A. Ohlin, T. Taylor, B. Wade, I. Williams.

Assistant Professors

B-R. Belcourt, N. Lee, E. Pohl-Weary.

Associate Professor Emerita

R. Tregebov.

Program Overview

The School of Creative Writing offers two streams of study leading to the Master of Fine Arts (M.F.A.). The first is a two-year resident program. The second is an online distance program with part-time and residency options. See Creative Writing (<http://www.creativewriting.ubc.ca>) for more information. See also Film Production/Creative Writing and Creative Writing/Theatre.

The School of Creative Writing publishes www.prismmagazine.ca (<http://www.prismmagazine.ca>); resident graduate students participate in the editing and production of the magazine.

Master of Fine Arts



Admission Requirements

Applicants must satisfy the general requirements set by the Faculty of Graduate and Postdoctoral Studies and should submit work in two or more of the genres listed in the Creative Writing handbook on our website, specifying which is their major area of interest. Short and long fiction are considered one genre. Screen, TV, and web series are considered one genre. Applicants who intend to focus on translation should submit translated material in any of the above genres and a sample of their own original creative writing. Consult the School of Creative Writing website or email for more information.

The deadline for receiving manuscripts for both MFA programs is in January, whether this be for the following July entrance date for students in the optional residency online stream, or for the following September entrance date for students in the on-campus stream. Late manuscripts will not be considered. Length of the manuscripts accompanying the application depends on choice of genres. Guidelines are available from Creative Writing (<http://www.creativewriting.ubc.ca>).

Program Requirements

During the two years of the program, 36 credits of coursework must be completed¹, including an overall minimum of 24 credits at the graduate level and a 6-credit thesis. The School of Creative Writing consists of work in three genres, chosen in consultation with the Graduate Advisor, as described in the program handbook on the Creative Writing website.

The thesis consisting of a full-length work in the area(s) of their special interest will be completed in the second year. The thesis may be a substantial revision and extension of work done during the first year. A work of translation may be used to fulfill the thesis requirement by students with the required ability and linguistic knowledge.

Students may be required to take advanced creative writing undergraduate courses as part of their programs.

¹A maximum of 6 credits is permitted from CRWR 420, CRWR 521

Contact Information

School of Creative Writing
Buchanan E462, 1866 Main Mall
Vancouver, BC, Canada V6T 1Z1
Tel: 604.822.0699
Fax: 604.822.3616
Email: cwr.grad@ubc.ca
Web: www.creativewriting.ubc.ca (<http://www.creativewriting.ubc.ca>)
Alexandra Tsardidis, Graduate Support

Last updated: June 1, 2021

Degree Programs > Creative Writing/Theatre

Degree Offered: M.F.A.

Members

Professors

S. Heatley, T. Scholte.

Associate Professor

B. Wade.

Program Overview

The School of Creative Writing and the Theatre Program offer a joint two-year course of resident study leading to the Master of Fine Arts (M.F.A.) in Creative Writing and Theatre (CRTH). Applicants must be accepted by both the [Creative Writing](#) and [Theatre](#) Programs.

Master of Fine Arts

Admission Requirements

Applicants must satisfy the general requirements set by the Faculty of Graduate and Postdoctoral Studies. Admission to the M.F.A. in Creative Writing and Theatre is on the basis of a script submission, including some work in another writing genre, and also relevant coursework in theatre at the undergraduate level or equivalent. The program will focus on developing skills in Stage Playwriting. Please visit [Creative Writing](http://www.creativewriting.ubc.ca) (<http://www.creativewriting.ubc.ca>) for



information on manuscript submission, deadlines, and other inquiries.

Program Requirements

Students are required to complete 36 credits (including a 6-credit thesis) of coursework in Creative Writing and Theatre. All course selections must be approved by their Creative Writing and Theatre advisors. Students may have the possibility of a stage reading of their own work and must, in fulfillment of the 6-credit thesis requirement, write the equivalent of a full-length stage play acceptable to both programs. The thesis requirement must be met in the second year and may be a substantial revision and extension of work done during the first year.

Contact Information

School of Creative Writing
Buchanan E462, 1866 Main Mall
Vancouver, BC, Canada V6T 1Z1
Tel: 604.822.0699
Fax: 604.822.3616
Email: crwr.grad@ubc.ca
Web: www.creativewriting.ubc.ca (<http://www.creativewriting.ubc.ca>)
Alexandra Tsardidis, Graduate Support

Last updated: June 1, 2021

Degree Programs > Cross-Faculty Inquiry in Education

Degrees Offered: Ph.D., M.A., M.Ed.

Members

This is an interdisciplinary program. Members of the Faculty of Graduate and Postdoctoral Studies in other Education programs are eligible to serve as supervisors of students in the CCFI program. Faculty currently associated with the Centre for Cross-Faculty Inquiry in Education include:

Professors

T. Dobson

Professors Emeriti

K. Ercikan

Program Overview

Two core courses "Living Inquiry in Learning Communities" and "Theorizing Knowing in Education" are at the theoretical heart of the M.Ed., M.A., and Ph.D. programs. In addition students are introduced to a broad spectrum of research methodologies and ways of (re)presenting research in education. Each year a variety of cross-faculty courses are offered to complement the programs and are also open to students from across the Faculty of Education. In addition CCFI students are encouraged to enrol in courses offered in other departments and faculties which may inform or enrich their work. Opportunities for individual flexibility, collaborative investigations, and a variety of communal experiences are built into the program. As the Centre for Cross-Faculty Inquiry in Education has no permanent faculty, advisors and course instructors are selected from among members of the Faculty of Education, and occasionally from other faculties.

Doctor of Philosophy

Admission Requirements

Admission to the Ph.D. program requires a master's degree in Education or a related field that demonstrates outstanding potential to undertake research. Applicants must provide a clear rationale for wanting to locate their program in the Centre for Cross-Faculty Inquiry in Education rather than in a department.

Program Requirements

The Ph.D. program combines coursework (doctoral seminars, the two core courses "Living Inquiry in Learning Communities" and "Theorizing Knowing in Education," advanced courses in research methodology and (re)presenting research, and electives) with a research dissertation. This small cross-faculty program is a response to the challenges of the 21st century offering educators dialogical, experiential and proactive spaces that foster intercultural explorations and shared communication.

All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.



Master of Arts

Admission Requirements

Admission to the M.A. program requires a bachelor's degree in Education or a related field. Applicants must provide a rationale for wanting to locate their program in the Centre for Cross-Faculty Inquiry in Education rather than in a Department. In addition to an overall average of B+ or better in all third- and fourth-year courses M.A. students are expected to show evidence of research potential.

Program Requirements

The M.A. program is a thesis/research degree consisting of two core courses "Living Inquiry in Learning Communities" and "Theorizing Knowing in Education;" 6 credits in research methodologies/ways of representing research; elective opportunities (12 credits selected in consultation with an advisor); and a 6-credit thesis.

Master of Education

Admission Requirements

Admission to the M.Ed. program requires a bachelor's degree in Education or a related field. Applicants must provide a rationale for wanting to locate their program in the Centre for Cross-Faculty Inquiry in Education rather than in a Department.

Program Requirements

The 30-credit M.Ed. program consists of nine courses and a capstone experience: CCFI 590 (Graduating Paper). Students complete two core courses "Living Inquiry in Learning Communities" and "Theorizing Knowing in Education;" 6 credits in research methodologies/ways of representing research; and elective opportunities (15 credits) are selected in consultation with an advisor.

Contact Information

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Last updated: June 1, 2021

Degree Programs > Curriculum and Leadership

Degree Offered: M.Ed.

Program Overview

This is a collaborative program involving two departments: the Department of Educational Studies and the Department of Curriculum and Pedagogy. The Program was created in response to increasing interest in the study of a combination of curricular leadership on the one hand, and organizational leadership in schools on the other. The applicants for this collaborative program will be teachers in K-12 education who wish to increase their level of understanding and skill in both areas. Upon completion of the program, the students will assume positions of formal or informal leadership in schools, making important contributions to the education of children.

Master of Education

Admission Requirements

In addition to meeting the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies, students with academic strength and ample evidence of leadership demonstrated in a school setting are preferred. Applicants are reviewed by both departments; both sets of admission criteria apply. If accepted, a co-advisor is appointed from each department to oversee each student; all courses are approved by both co-advisors. The designation Curriculum and Leadership (CULE) appears on students' transcripts.

Program Requirements

The program combines requirements of the M.Ed. in Educational Administration & Leadership and the M.Ed. in Curriculum Studies in equal proportions. Core courses are EDCP 562 and 566 and EDST 581 and 582. Other requirements include the following, for a total of 30 credits:

- 6 credits from the Department of Curriculum and Pedagogy



- 6 credits from the Department of Educational Studies
- 3 credits from research (EDST 501, EDCP 512, or another course approved by the co-advisors)
- 3 credits for a graduating paper or the equivalent

All course selections must be approved by the co-advisors.

Contact Information

Department of Curriculum and Pedagogy
2125 Main Mall
Vancouver, BC, Canada V6T 1Z4
Email: edcp.grad@ubc.ca
and/or
Department of Educational Studies
2125 Main Mall
Vancouver, BC, Canada V6T 1Z4
Email: edst.grad@ubc.ca

Last updated: June 1, 2021

Degree Programs > Curriculum Studies

Degrees Offered: Ph.D., M.A., M.Ed.

Members

Professors

A. Anderson, D. Anderson, P. Clark, A. Clarke, P. Gouzouasis, H. Hubball, R. Irwin, A. Kindler, M. Milner-Bolotin, S. Nashon, D. O.' Donoghue, S. Petrina, A. Phelan, W. Pinar, W. Ross.

Associate Professors

P. Cole, S. Gerofsky, S. Goble, S. Han, S. Khan, L. Loutzenheiser, C. Nicol, K. Renwick, L. Schnellert, M. Tan.

Assistant Professors

J. Code, S. Forde, L. Gibson, H. Keenan, L. Petherick.

Program Overview

Graduate programs in the field of Curriculum Studies encompass, but are not limited to, investigations into: teacher education, the social construction of knowledge, the curriculum as culturally and politically situated, contemporary curriculum and instructional discourses, and the role of curriculum and curricular reform in K-12 and other learning environments. Students learn about issues of planning and development, program implementation and evaluation, and pre-service and in-service teacher education. Inquiry in the field is multi-disciplinary and includes numerous perspectives and orientations such as: cultural studies, historical consciousness, post structuralism, feminism, multicultural education, semiotics, and critical theory.

Doctor of Philosophy

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Studies requirements, the Curriculum Studies graduate program requires a master's degree with high standing in a relevant educational discipline and evidence of potential to carry out research.

Program Requirements

The graduate programs (M.Ed., M.A. and Ph.D.) in Curriculum Studies are part of the graduate offerings in the Department of Curriculum and Pedagogy. The Ph.D. in Curriculum Studies is a flexible, research-oriented doctoral program that can be pursued by students interested in the specializations offered in the department. Students are required to take one first-year doctoral seminar and a second year doctoral seminar. In addition to these, two research methodology and two specialization courses along with electives are required (18 credits total). Courses in a student's program are determined in consultation with a faculty supervisor or program advisory committee and are based on the student's prior academic work and research interests. Students in the Ph.D. program typically devote two years to coursework, and two to three years to developing and carrying out a research project designed to make an original contribution to knowledge in the area of specialization. The University allows doctoral students up to six years to complete program requirements.

All Ph.D. students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research



dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Arts

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Studies requirements, the program normally requires:

1. 18 credits of senior coursework or a professional concentration in the area of interest, and
2. two years of teaching experience or other relevant professional experience.

Program Requirements

The program consists of 30 credits. At least 15 credits must be at 500-level or higher. A maximum of 6 credits may be taken at the 300- or 400-level. A thesis, normally 9 credits, is included.

Part-time and full-time study options are offered.

Master of Education

Admission Requirements

Same as for the M.A.

Program Requirements

The M.Ed. program consists of a minimum of 30 credits, of which 24 must be courses numbered at the 500-level. A maximum of 6 credits may be taken at the 300- or 400-level. Students select either a program consisting entirely of courses (for example, ten 3-credit courses), or 27 credits of coursework, plus a 3-credit graduating project.

Part-time and full-time study options are available.

Contact Information

Department of Curriculum and Pedagogy
2125 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.5367
Email: edcp.grad@ubc.ca
Web: www.edcp.educ.ubc.ca (<http://www.edcp.educ.ubc.ca>)
Alan Jay, Graduate Program Assistant

Last updated: June 1, 2021

Degree Programs > Digital Media

Degree Offered: M.D.M.

Members

Executive Director

R. Smith

Program Overview

The Master of Digital Media (M.D.M.) degree is a terminal professional degree intended for students who wish to pursue careers in fields related to computer-mediated arts and entertainment technologies.

The M.D.M. degree is a full-time, 16-month program at the Great Northern Way Campus (GNWC)'s Centre for Digital Media. It is offered jointly by UBC, Emily Carr University of Art + Design, the British Columbia Institute of Technology, and Simon Fraser University.

Master of Digital Media



Admission Requirements

The equivalent of a four-year baccalaureate degree acceptable to all four GNWC partner institutions is required for admission.

Applicants are evaluated on the following:

- academic transcripts
- sample of works
- evidence of ability in computing
- statement of intent
- letters of reference
- writing ability
- TOEFL (or equivalent) where applicable

Specific information about application requirements and process is available from the Program (<http://thecdm.ca>).

Program Requirements

The program consists of 42 required and 3 elective course credits of instruction taken over three terms, followed by a mandatory 6-credit, 4-month internship, for a total of 51 credits.

For additional information, see the Program (<http://thecdm.ca>).

Contact Information

Master of Digital Media Program
685 Great Northern Way
Vancouver, BC V5T 0C6
Tel: 778.370.1001
Email: admissions@thecdm.ca
Web: <http://thecdm.ca>

Last updated: June 1, 2021

Degree Programs > Early Childhood Education

Degrees Offered: M.A., M.Ed.

Members

Professors

A. Anderson, M. Asselin, M. Early, M. Gleason, P. Gouzouasis, J. Jamieson, G. Li, J. Vadeboncoeur.

Associate Professors

S. Bredin, L. Ford, S. Gerofsky, K. Renwick.

Assistant Professors

M. Corella, H. Keenan, L. Petherick.

Program Overview

Graduate programs in Early Childhood Education, offered through the Faculty of Education, are interdisciplinary, cross-departmental programs that consist of core courses in early childhood and related courses in departments. For example, approved elective courses might be found in child development, in special education (Department of Educational and Counselling Psychology & Special Education), in early literacy (Language and Literacy Education), in early numeracy (Curriculum and Pedagogy) or in the history of childhood (Educational Studies).

Master of Arts

Admission Requirements



Admission to the M.A. program requires a B.Ed. degree or a four-year undergraduate degree in a related field (including, but not limited to, child and youth care, nursing, psychology, social work and family studies). Applicants whose degree is in an unrelated field (e.g., Arts, commerce, general studies) may be accepted if they have completed a college or university certificate or equivalent program in early childhood education. Applicants must have a minimum of two years professional experience working with young children in an appropriate setting. In addition to an overall average of 76% or better in all upper-level courses, or at least 12 credits at 80% or higher in the field of education, or in a related field, M.A. applicants are expected to show evidence of research potential.

Program Requirements

The M.A. program is a 30-credit program which includes 12 required credits, 9 elective credits, a 9-credit thesis (ECED 599), and a minimum of 15 credits of coursework at the 500-level. For more details on program requirements, see the Program (<http://www.earlychildhood.educ.ubc.ca/programs/graduate/>).

Master of Education

Admission Requirements

Admission to the M.Ed. program requires a B.Ed. degree or a four-year undergraduate degree in a related field (including, but not limited to, child and youth care, nursing, psychology, social work and family studies), with an overall average of 76% or better in all upper-level courses, or at least 12 credits at 80% or higher in the field of education or a related field. Applicants whose degree is in an unrelated field (e.g., Arts, commerce, general studies) may be accepted if they have completed a college or university certificate or equivalent program in early childhood education. Applicants must also have a minimum of two years professional experience working with young children in an appropriate setting.

Program Requirements

The M.Ed. program is a 30-credit program consisting of ten courses or nine courses and a capstone experience (ECED 590). Both options include 9 required credits: ECED 508 (3), ECED 585 (3), and EDUC 500 (3), plus 21 credits of electives, with a maximum of 6 credits at the undergraduate level. For more details on program requirements and approved electives, see the Program (<http://www.earlychildhood.educ.ubc.ca/programs/graduate/>).

Contact Information

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Web: [earlychildhood.educ.ubc.ca/programs/graduate/](http://www.earlychildhood.educ.ubc.ca/programs/graduate/) (<http://earlychildhood.educ.ubc.ca/programs/graduate/>)

Last updated: June 1, 2021

Degree Programs > Economics

Degrees Offered: Ph.D., M.A.

Members

Professors

K. S. Anderson, P. Beaudry, M. Bombardini, B. Copeland, M. Devereux, C. Ferraz, N. Fortin, P. Francois, G. Gallipoli, D. Green, H. Kasahara, A. Lahiri, T. Lemieux, H. Li, V. Marmer, K. Milligan, M. Peters, A. Redish, H. Siu, E. Snowberg, K. Song, F. Trebbi Laur.

Professors Emeriti

W. E. Diewert, M. Eswaran, N. Gallini, J.F. Helliwell, A. Kotawli, G.R. Munro, H.M. Neary, W.C. Riddell, M. Slade.

Associate Professors

M. Drelichman, J. Gottlieb, V. Hnatkovska, F. Hoffmann, W. Li, M. Rehavi, P. Schrimpf, S. Severinov.

Assistant Professors

P. Baylis, V. Couture, V. Farinha Luz, S. Hwang, M. Lowe, J. McCasland, S. Moon, S. Noda, J. Perla, T. Rogall, R. Saggio, M. Squires, T. Swiecki, M. Szkup, F. Valencia Caicedo.

Program Overview



The Vancouver School of Economics ranks as one of the top economics departments in Canada and graduates of our Ph.D. and M.A. programs have been offered jobs at prestigious institutions around the globe. The School has internationally recognized expertise in many fields including: development economics, economic history, economic theory, environmental economics, international trade and finance, labour economics, macroeconomics, political economy and public economics. Our programs are small enough to provide detailed supervision of dissertations, but large enough to offer expertise in a wide range of theoretical, applied and policy areas.

Doctor of Philosophy

The Ph.D. program is designed to equip students to design and implement an economic research program, with a view toward a career as an academic, or in the private or public sectors.

Recent graduates have been offered tenure track positions at leading departments in Canada, the US, the UK, and Australia, as well as non-academic positions at consulting companies in Canada and the US, and in a variety of government departments.

Admission Requirements

Applicants for admission to the Ph.D. program are normally expected to hold a Master's degree in economics and to have demonstrated ability to undertake advanced studies and independent research. However, students who have outstanding records in undergraduate honours programs in Economics and show substantial ability to do independent work at an advanced level may be admitted directly to the Ph.D. program.

Program Requirements

The program consists of 2 years of course work, comprehensive exams, a research paper, a research seminar, and a dissertation. In the first year, students take courses in the core areas of microeconomics (ECON 600 and 601), macroeconomics (ECON 602 and 603), and econometrics (ECON 626 and 627). Students write comprehensive exams in microeconomics and macroeconomics at the end of the first year. In the second year, students take a total of 24 credits in fields of their choice, with up to 6 of those credits as audit, and write a research paper. In the third year and until advancement to candidacy, students attend a research seminar course (ECON 640). Students advance to candidacy after defending their prospectus. Following that, students continue to attend research seminars (ECON 690) and write a dissertation (ECON 699) that meets the Faculty of Graduate and Postdoctoral Studies requirements (typically this takes two to three years) in their chosen field.

Master of Arts

The M.A. program is a 12-month program designed to prepare students for employment in the private or public sectors, or to enter a Ph.D. program.

Admission Requirements

Applicants for admission to the M.A. program are normally expected to have a strong undergraduate academic record especially in economic theory, statistics, and econometrics, with at least one year of calculus. Additional study of calculus and linear algebra is strongly advised.

Program Requirements

The program includes 18 credits taken as ECON 500, 502, 526, 527, 594, plus 12 additional credits of electives. The electives are typically 500-level ECON courses.

The thesis option takes two-to three years. It requires prior arrangement but substitutes the 12 credits of economics electives in the standard program with the 12-credit ECON 599 thesis.

For detailed information regarding admission and program requirements, please visit the Program (<http://www.economics.ubc.ca/graduate/prospective-students/>).

Contact Information

Vancouver School of Economics
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Web: www.economics.ubc.ca (<http://www.economics.ubc.ca>)

Last updated: June 1, 2021

Degree Programs > Educational Administration and Leadership

Degree Offered: M.Ed.



Members

Professors

A. Taylor.

Associate Professors

G. Fallon, H. Gill, W. Poole, F. Wang.

Associate Professor Emeritus

D. Coulter.

Program Overview

The Educational Administration and Leadership graduate program offers a Master of Education (M.Ed.) in Educational Administration and Leadership. The Master of Arts (M.A.) in Educational Studies also offers a concentration in educational administration and leadership. Both M.Ed. and M.A. programs are also available as part-time studies.

Master of Education

The M.Ed. program is considered a professional degree for people working in educational administration and leadership.

M. Ed. students proceed at their own pace but start with a group whose members tend to share classes. Students can also take courses from other recognized universities. Completion may be as short as two and one-half years but most students take three years to finish. Another way to take the program is in a cohort format on Saturdays for 24 months.

Admission Requirements

In addition to meeting the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies, students with academic strength and ample evidence of leadership among adults demonstrated in a school setting are preferred. Applicants are required to have at least three years, preferably more, of K-12 teaching experience in public or independent schools.

Program Requirements

Students must complete 30 credits of coursework. M.Ed. programs include three core courses (9 credits), one research course (3 credits), and a capstone requirement (3 credits).

For details on required and elective courses see the Program (<http://edst.educ.ubc.ca/programs/educational-administration-leadership/>).

Contact Information

Educational Administration and Leadership, Department of Educational Studies
Education Centre at Ponderosa Commons
6445 University Boulevard
Vancouver, BC, Canada V6T 1Z2
Tel: 604.822.6647
Fax: 604.822.4244
Email: grad.edst@ubc.ca
Web: <http://edst.educ.ubc.ca/programs/educational-administration-leadership/> Graduate Program Assistant

Last updated: June 1, 2021

Degree Programs > Educational Leadership and Policy

Degrees Offered: Ed.D.

Members

Professors

A. Abdi, L. Andres, V. Andreotti, M. Gleason, D. Kelly, M. Kovach, A. Mazawi, A. Metcalfe, L. Roman, C. Ruitenber, T. Sork, A. Taylor, P. Walter, H. Wright.



Professors Emeriti

J. Archibald, S. Butterwick, D. Fisher, D. Pratt, K. Rubenson

Associate Professors

C. Ahenakew, J. Chan, J. Ellis, G. Fallon, H. Gill, W. Poole, S. Rocha, H. Shan, M. Stack, A. Tom, R. VanWynsberghe, F. Wang, T. Webb.

Associate Professors Emeritus

D. Coulter.

Assistant Professors

A. Parent, S. Stein, J. Walker.

Program Overview

The Ed.D. in Educational Leadership and Policy provides advanced preparation for education practitioners with leadership and policy responsibilities in both formal and nonformal settings. These settings include, among many others, the post-secondary sector, business and health organizations, unions, and community groups, as well as the K-12 school system.

The program is grounded in the belief that it is important for participants to engage in scholarly discourse about understanding, critiquing, and improving practice in educational settings. It consists of six required seminars, two elective courses, a comprehensive examination, and a dissertation. While the program addresses Canadian educational issues and perspectives in a global context, it is the particular settings and leadership or policy responsibilities of the participants that are the starting points of seminars. The expertise of qualified adjunct faculty from related professional fields supplements that of the regular faculty members.

Doctor of Education

Students are admitted to the Ed.D. in cohorts of 10 to 15 and proceed as a group through required courses and the comprehensive examination which occurs at the end of Year 2. Students then propose and execute their dissertation research projects. If the degree is not awarded within a period of six years from initial registration, for a full-time student, and eight years from initial registration for a part-time student, the student's eligibility for the degree will be terminated and the student will be required to withdraw from the program. Under exceptional circumstances, an extension to allow a student to continue in the program may be granted by the Dean of the Faculty of Graduate and Postdoctoral Studies. See [Residency Requirements and Duration of Program](#).

Admission Requirements

Applicants to a doctoral program ordinarily hold a master's degree in a relevant discipline or field with overall first-class standing (a minimum of A- or 80%), in exceptional cases with high second class standing (B+ or 78%), with preference for completion of a thesis. Clear evidence of research ability must be demonstrated. Evidence should be provided of professional activity including active engagement in the practice of educational leadership and/or policy making.

Program Requirements

Coursework consists of 18 credits of required seminars and 6 credits of elective courses. In addition, program completion requires a comprehensive examination, and research leading to an Ed.D. dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

For detailed information on requirements for the Ed.D. program, see the Program (<http://edst.educ.ubc.ca/programs/edd-in-educational-leadership-and-policy/>).

Contact Information

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Fax: 604.822.4244
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Web: <http://edst.educ.ubc.ca/programs/edd-in-educational-leadership-and-policy/>
Graduate Program Assistant

Last updated: June 1, 2021

Degree Programs > Educational Studies



Degrees Offered: Ph.D., M.A., M.Ed.

Members

Professors

A. Abdi, V. Andreotti, L. Andres, B. Frank, M. Gleason, D. Kelly, M. Kovach, A. Mazawi, A. Metcalfe, L. Roman, C. Ruitenbergh, T. Sork, A. Taylor, P. Walter, H. Wright.

Professors Emeriti

J. Archibald, S. Butterwick, C. Ungerleider.

Associate Professors

C. Ahenakew, J. Chan, J. Ellis, G. Fallon, H. Gill, W. Poole, S. Rocha, H. Shan, M. Stack, A. Tom, R. VanWynsberghe, F. Wang, T. Webb.

Associate Professors Emeritus

D. Coulter

Assistant Professors

A. Parent, S. Stein, J. Walker.

Doctor of Philosophy

Admission Requirements

Applicants to a doctoral program ordinarily hold a master's degree in a relevant discipline or field with overall first-class standing (a minimum of A- or 80%), in exceptional cases with high second class standing (B+ or 76%). Clear evidence of research ability must be demonstrated. Professional work experience in education is highly desirable. No second language is required.

Program Overview

The Ph.D. in Educational Studies is a flexible, research-oriented doctoral program that can be pursued by students interested in any of the fields of study offered in the Educational Studies Department. Faculty specializations can be viewed here (<http://edst.educ.ubc.ca/faculty-staff/faculty/>)

Students in the Ph.D. program typically devote two years to coursework, and two to four years carrying out a research project designed to make an original contribution to knowledge in the area of specialization. The university allows doctoral students up to six years to complete program requirements. There is no set number of credits required for Ph.D. programs at UBC.

Program Requirements

All Ph.D. students are required to take the first year doctoral seminars (EDST 601A and EDST 601B) and the second year doctoral seminar (EDST 602), plus other courses determined in consultation with their faculty advisor and program advisory committee based on the student's prior academic work and their current research interests.

All students are required to successfully complete a comprehensive examination after most of their coursework is completed and before they present their research proposal. The doctoral dissertation is an original piece of research that contributes to knowledge in the student's area of specialization. Students develop research proposals that must be presented and approved by a research supervisory committee made up of a research supervisor and at least two other committee members. Research supervisory committees provide direction to the student, read and critique drafts of the thesis and, when the dissertation is complete, participate in the oral final examination.

Master of Arts

Admission Requirements

Applicants to the M.A. program are expected to meet the admission requirements of the [Faculty of Graduate and Postdoctoral Studies](#).

Program Overview

The Department of Educational Studies (EDST) offers an M.A. program in Educational Studies that can be taken full-time over a two-year period or over a longer period for part-time students. The EDST M.A. is a flexible program designed to meet the needs of a range of people interested in conducting and



learning about educational research. The emphasis on educational research provides students opportunities and training to conduct their own small-scale research projects. M.A. students can focus their studies in a number of M.A. program area concentrations, or develop an independent concentration with the support and approval of a faculty advisor (Generalist Option). Current M.A. program area concentrations include: Adult Learning and Education; Higher Education; Society, Culture and Politics in Education; and Educational Administration and Leadership.

The EDST M.A. is excellent preparation for continuing doctoral work in education (Ph.D. and Ed.D.) in addition to providing a rich and satisfying educational experience in its own right.

Program Requirements

The EDST M.A. is a 30-credit program that culminates in the completion of a research thesis. The degree provides beginning researchers excellent preparation for their own research projects and a rich learning environment about educational research given then breadth of educational theories, methodologies, and problems.

Students typically enrol in two to three courses per term, and complete the two required M.A. courses (6 credits) within the first year. Students enrolled in the M.A. program must complete:

- 6 credits of required M.A. courses (EDST 571, 3 credits; EDST 572, 3 credits)
- 3 credits of research methods coursework
- 15 credits of coursework in an M.A. concentration
- a 6-credit M.A. thesis

To accommodate both full- and part-time students, required M.A. courses are offered in evening time slots or on weekends.

In addition to the 30-credit requirement, students are expected to write a thesis proposal and have this proposal approved by the supervisory committee before writing the thesis. At the completion of the research and thesis, students present and answer questions about their thesis in a public oral examination. This oral examination is predicated on the belief that educational research is a public enterprise and that educational researchers work and share their work with others.

Master of Education

Admission Requirements

Applicants to the M.Ed. program are expected to meet the Faculty of Graduate and Postdoctoral Studies' [admission requirements](#).

Program Requirements

The M.Ed. program is considered a professional degree. It is a 30-credit program with required and elective courses, a 3-credit graduating paper or a capstone course and a minimum of 18 credits of coursework at the 500-level or above. Detailed information on the various M.Ed specializations and course requirements is available from the Program (<http://edst.educ.ubc.ca/programs/med-programs/>).

Contact Information

Department of Educational Studies
Education Centre at Ponderosa Commons
6445 University Boulevard
Vancouver, BC, Canada V6T 1Z2
Tel: 604.822.6647
Fax: 604.822.4244
Email: grad.edst@ubc.ca
Web: <http://edst.educ.ubc.ca/> Graduate Program Assistant

Last updated: June 1, 2021

Degree Programs > Educational Technology

Degree Offered: M.E.T.

Program Overview

The Master of Educational Technology (M.E.T.) (<http://met.ubc.ca>) is a Faculty of Education degree program offered online.

Master of Educational Technology

Admission Requirements



Students are required to meet the general requirements for admission to the Faculty of Graduate and Postdoctoral Studies at UBC. Students who started a Technology Based Distributed Learning (TBDL) or a Technology Based Learning for Schools (TBLS) certificate program within the last five years may transfer their courses to the M.E.T degree program, as consistent with the Faculty of Graduate and Postdoctoral Studies transfer policy.

Program Requirements

The M.E.T. degree is a professional development, course-based program (non- thesis) consisting of a minimum of 30 credits of coursework with 12 credits of core coursework and 18 credits of electives. Fees are on a per-course basis. Further information can be obtained from the Program by email.

Contact Information

Professional Development and Community Engagement
1304-2125 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.3622
Fax: 604.822.2015
Email: met.support@ubc.ca
Web: www.met.ubc.ca (<http://www.met.ubc.ca>)
Dave Roy, Senior Program Assistant

Last updated: June 1, 2021

Degree Programs > Electrical and Computer Engineering

Degrees Offered: Ph.D., M.A.Sc.

Members

Professors

T. Aamodt, P. Abolmaesumi, K. Beznosov, V. Bhargava, K. Cheung, L. Chrostowski, E. Cretu, G. Dumont, W. Dunford, S. Fels, R. Garbi, A. Ivanov, N. Jaeger, J. Jatskevich, L. Lampe, G. Lemieux, C. Leung, J. Madden, J. Marti, S. Mirabbasi, P. Nasiopoulos, A. Nojeh, M. Ordonez, K. Pattabiraman, M. Ripeanu, R. Rohling, S. Salcudean, P. Servati, B. Stoeber, K. Takahata, S. Tang, R. Turner, K. Walus, J. Wang, S. Wilton, V. Wong.

Associate Professors

A. Fedorova, S. Gopalakrishnan, A. Mesbah, D. Michelson, S. Shekhar, M. Yedlin.

Assistant Professors

C. Chen, M. Kamgarpour, M. Lis, P. Nair, J. Rubin, J. Salfi, C. Thrampoulidis, L. Wang.

Program Overview

The Ph.D. and M.A.Sc. Programs provide advanced study and research for graduates of electrical or computer engineering, engineering physics, physics, computer science or other related subjects. Some students may be required to supplement their graduate studies by taking specific undergraduate courses in electrical or computer engineering.

Facilities are provided for research in: communications and signal processing; computers and computer applications; digital system design, VLSI design and software engineering; electromagnetics; power systems and power electronics; solid state devices; microelectronics, nanoelectronics and optoelectronics; robotics and telerobotics; and systems and control.

Collaboration with other departments is facilitated by membership in the Advanced Materials and Process Engineering Laboratories (AMPEL) (Calendar page: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=10,320,0,0#24233>), The Institute for Computing, and Information and Cognitive Systems (ICICS) (Calendar page: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=10,319,0,0#24175>).

Students should consult the Department of Electrical and Computer Engineering for information regarding courses to be offered. For details describing current research projects visit the Department (<http://www.ece.ubc.ca>).

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess an M.A.Sc. degree in electrical or computer engineering or a related area, with clear



evidence of research ability or potential. Transfer from the M.A.Sc. to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The program includes a dissertation and 24 credits of approved courses. For those holding a master's degree or transferring from a master's program, appropriate credit will be given for courses completed.

Additional coursework may be selected in consultation with the student's supervisory committee. All doctoral students are required to complete a comprehensive examination successfully. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Applied Science

Admission Requirements

Students admitted to the M.A.Sc. degree Program normally possess a B.A.Sc. degree in electrical or computer engineering or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The Program includes a 12-credit thesis plus a minimum of 18 credits of approved courses, 12 of which must be at the 500-level or above. At least 6 of the 18 credits should be taken in this Department. Students with degrees in subjects other than electrical or computer engineering take 12 credits in the Department.

Qualified students are admissible to programs leading to the M.A.Sc. on a part-time basis.

For information about the professional Master of Engineering (M.Eng.) program, please visit the MEng Program (<http://www.ece.ubc.ca/academic-programs/graduate/programs/master-engineering-program>). For more information about the Master of Engineering Leadership Program (MEL), please visit the MEL Program (<http://www.apscpp.ubc.ca/programs/mel/>).

Contact Information

Department of Electrical and Computer Engineering
5500-2332 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.1942
Fax: 604.822.5949
Email: help@ece.ubc.ca
Web: www.ece.ubc.ca (<http://www.ece.ubc.ca>)

Last updated: June 1, 2021

Degree Programs > Engineering Physics

Degrees Offered: Ph.D., M.A.Sc.

Members

Professors Emeriti

A. MacKay, W. McCutcheon, G. Sawatzky.

Professors

I. Affleck, J. Bagger, M. Berciu, D. Bonn, D. Bryman, M. Choptuik, A. Damascelli, M. Franz, C. Gay, B. Gladman, M. Halpern, M. Hasinoff, C. Hearty, J. Heyl, P. Hickson, G. Hinshaw, D. Jones, R. Kiefl, R. Kruecken, A. Marziali, J. Matthews, J. McKenna, S. Oser, J. Rottler, M. Rozali, D. Scott, G. Semenov, V. Sossi, I. Stairs, P. Stamp, W. Unruh, M. Van Raamsdonk, L. Van Waerbeke, C. Waltham, L. Whitehead, J. Young, A. Zhitnitsky, F. Zhou.

Associate Professors

A. Boley, S. Burke, J. Folk, J. Karczmarek, A. Lister, K. Madison, T. Mattison, C. Michal, V. Milner, S. Plotkin, A. Rahmim, R. Raussendorf, S. Reinsberg, K. Schleich, K. Sigurdson.

Assistant Professors



Z. Ye, K. Zou.

Program Overview

The Department of Physics and Astronomy is a broad-based department with a wide range of research interests covering many key topics in contemporary physics, astronomy, and applied physics. Research activities are supported by computing and experimental facilities within the Department, as well as excellent electronics and machine shops. Research is enhanced by local facilities such as the TRIUMF National Laboratory, the Advanced Materials and Process Engineering Laboratory (AMPEL), the BC Cancer Agency, and associated teaching hospitals, in addition to many specialized research laboratories housed within the Department. Over the years, applied research within UBC's Department of Physics and Astronomy has spawned a number of spin-off companies. Although there is a great deal of collaboration and overlap of interests among the various groups, the research topics presently available to incoming students with specific interest in applied physics fall roughly into the following areas:

- Applied Physics
- Medical Physics
- Biophysics
- Nuclear and Particle Physics
- Astronomy and Astrophysics
- Atomic, Molecular, and Optical Physics
- Condensed Matter Physics
- Structured Surface Physics

Full details on research programs and facilities are available from the Department (<http://www.physics.ubc.ca>) and AMPEL (<http://www.ampel.ubc.ca>).

Doctor of Philosophy

Admission Requirements

The Department offers Ph.D. programs in Engineering Physics. Students can be admitted to the Ph.D. program after obtaining an M.Sc. or M.A.Sc. meeting the Faculty of Graduate and Postdoctoral Studies admission requirements.

Alternatively, well-qualified students admitted to the M.A.Sc. program may transfer to the Ph.D. program after a year's residence at UBC, if they have at least 18 credits in M.A.Sc. coursework with an overall average of at least 85%, clear evidence of research ability, and approval of the dissertation supervisor. Direct transfer students require a further 12 credits of graduate-level coursework in any science or applied science department.

Program Requirements

A minimum of 12 credits of graduate-level courses in any science or applied science department are required for the Ph.D. Details of the course load are determined in consultation with the thesis advisor and supervisory committee; these programs must conform to the Department's course requirements. Students who do not already have credit for the required master's degree courses for their program or the equivalent graduate-level courses from another university (approved by Graduate Chair) must take these courses in the Ph.D. program.

All Ph.D. students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Applied Science

Admission Requirements

The prerequisite for the program is either: a B.Sc. in physics (single or combined), astronomy, or mathematics; or a B.A.Sc. in engineering physics or electrical engineering. An overall average of 80% or better in third- and fourth-year courses is expected for entry into the program.

Program Requirements

The M.A.Sc. program requires a minimum of 30 credits, with the thesis counting for 12 credits. The remaining 18 credits must include at least 12 credits from graduate courses in any Science or Applied Science department, and may include up to 6 300- or 400-level credits in undergraduate courses. All M.A.Sc. students are required to satisfy the Department's course requirements.

Contact Information

Department of Physics and Astronomy
6224 Agricultural Road
Vancouver, BC, Canada V6T 1Z1
Tel: 604.822.4245
Fax: 604.822.5324
Email: gradsec@physics.ubc.ca
Web: www.physics.ubc.ca (<http://www.physics.ubc.ca>)



Oliva Dela Cruz-Cordero, Graduate Coordinator

Last updated: June 1, 2021

Degree Programs > English

Degrees Offered: Ph.D., M.A.

Members

Professors Emeritus

J. Giltrow, E. M. Kröller, I. B. Nadel

Professors

L. K. Arnovick, P. Badir, L. J. Brinton, R. C. Cavell, M. Chapman, B. Dancygier, S. Echard, A. Frank, S. Guy-Bray, E. Hodgson, N. J. Hudson, D. Justice, L. Moss, K. Philip, J. Segal, S. Tomc, M. Vessey, M. L. Weir.

Associate Professors

D. Al-Kassim, S. Anger, M. Burgess, P. Dalziel, J. de Villiers, A. Dick, S. Dollinger, I. Hill, L. Kesler, C. Kim, C. Lee, G. Mackie, K. McNeilly, M. Mota, V. Nardizzi, R. Rouse, J. Severs, M. Zeitlin.

Assistant Professors

P. Antwi, M. Briggs, G. Deer, B. Earle, A. Guerin, D. Hunt, J. Paltin, M. Pareles, S. B. Partridge, E. Stickles, Y. Troeung, D. Wong, D. Woods.

Program Overview

The Department of English Language and Literatures has awarded the M.A. degree since 1919 and the Ph.D. degree since 1962. In 2020/21, approximately 120 students from Canada, the United States, and other countries were enrolled in graduate studies in English at UBC.

The program offers the following degrees:

- Master of Arts (M.A.): English literature or language, thesis or course-based, full-time or part-time
- Doctor of Philosophy (Ph.D.): English literature or language, full-time only

Doctor of Philosophy

Admission Requirements

The program limits Ph.D. admissions to students with at least first class standing in the M.A. degree, and also advises that entry to the program is very competitive: first class standing at the M.A. level is not enough in itself to guarantee admission. Transfer from the M.A. to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

Students undertaking Ph.D. studies in English, with either a language or literature emphasis, will normally complete 15 credits of coursework in their first year of study (five graduate seminars), prepare for and write their Qualifying Examinations in Year 2, write their dissertation prospectus for approval at the beginning of Year 3, and research into their dissertations in Years 3 and 4. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Students consult with the Ph.D. Chair and their Qualifying Supervisor in planning their coursework. Coursework enables students to prepare for research, as well as to broaden their knowledge of the discipline and fulfill the breadth expectations. Students of contemporary areas of English will be reminded of the value of advanced study of historical periods and topics in professional preparation. Serious study in a range of areas prepares students for their own projects, and for the job market.

Students will normally select courses from the rich variety of graduate seminars (<http://english.ubc.ca/courses2/>) offered by the program each year.

Co-operative Education Option

English Ph.D. students in good academic standing are eligible to apply for the [Ph.D. Co-operative Education option](#), normally in their second year. Applications are submitted in October for the work period that begins in May of the following calendar year. Students are admitted with the approval of the



Arts Co-op Director and the department's Graduate Chair. Students receive training and assistance in applying for tailored work-terms with outside employers. Students are paid for their work according to industry standards, which vary depending on the employment sector. Students will complete non-credit career-building assignments during each work term, and completion of the option is noted on transcripts.

Master of Arts

Admission Requirements

M.A. applicants must normally hold a bachelor's degree with a minimum of high second-class standing (76% or better), an upper-second, or a grade point average of at least 3.33 on a four-point scale based on all academic courses taken during the two senior undergraduate years. While upper-year English grades are the most important feature of a record, applicants should note that a first class record overall is preferred.

While applicants who have minimum requirements and grade-point averages are eligible to be considered for admission, spaces in the M.A. program are very limited and lower grade averages are usually not competitive.

For detailed information on M.A. admission and program requirements, please see the Graduate Program (<http://english.ubc.ca/graduate/admissions/>).

Program Requirements

All M.A. programs require ENGL 500 and an additional 27 credits.

Thesis Option: The M.A. in Literature or Language requires completion of 21 credits of coursework with a minimum of 15 credits of coursework at the 500-level or above, plus a 9-credit thesis and oral examination. Coursework is selected in consultation with the program advisor.

Course-based Option: For the course-based option, the M.A. in Literature or Language requires completion of 30 credits of coursework, including a minimum of 24 credits of coursework at the 500-level or above. Coursework is selected in consultation with the program advisor.

Emphasis in Science and Technology Studies for Doctoral and Masters Students

Both the Ph.D. and M.A. in English offer students an opportunity to focus a portion of their studies towards an emphasis in Science and Technology Studies (STS). The STS emphasis offers opportunities for advanced research and study of scientific work and thought from a variety of perspectives associated with the humanities and social sciences. Students in the STS emphasis are required to take STS 501 (3), STS 502(3), and STS 597 (M.A.) or STS 598 (Ph.D.).

For more information on the STS emphasis, please see the STS webpage (<http://sts.arts.ubc.ca/>).

Contact Information

Christie MacLeod, Graduate Programs
Department of English Language and Literatures
397-1873 East Mall
Vancouver, BC, Canada V6T 1Z1
Tel: 604.822.3855
Email: english.graduate.program@ubc.ca
Web: english.ubc.ca/graduate/ (<http://english.ubc.ca/graduate/>)

Last updated: June 1, 2021

Degree Programs > Experimental Medicine

Degrees Offered: Ph.D., M.Sc.

Members

Professors

S. Aparicio, Y. Av-Gay, P. Black, M. Brauer, S. Bryan, B. Carleton, C. Carlsten, N. Cashman, A. Cherkasov, J. Christenson, E. Conway, H. Cote, D. Doudet, V. Duronio, J. Dutz, C. Eaves, J. Eng, J. Esdaile, M. Fitzgerald, J.A. Fleetham, G. Francis, A. Ghahary, J. Gonzalez-Montaner, C. Gregory-Evans, K. Gregory-Evans, P. R. Harrigan, P. Janssen, X. Jiang, A. Karsan, P. Keown, N. Kissoon, M. Kobor, A. Krahn, A. Krassioukov, R.M. Krausz, G. Krystal, D. Laclelle, S. Lam, A. Levin, M. Levings, L. Li, C. J. Lim, V. Ling, H. Lui, T. Liu-Ambrose, L. Masse, D. Matsell, J. Matsubara, H. McKay, K. McNagny, K. Miran-Khan, D. Moore, S. Pelech, S. Rabkin, C. Rankin, N. Reiner, J. Road, W. Robinson, A. J. Roskams, F. Rossi, S. Sanatani, A. Sandford, C. Seow, C. Shaw, D. Sin, E. Skarsgard, T. Snutch, P. Sorensen, T. Steiner, S. Stockler-Ipsiroglu, A. J. Stoessi, L. Stothers, S. Tebbutt, A. Traboulee, H. Tremlett, S. Turvey, M. Underhill, B. Vallance, S. van Eeden, K. Walley, Y. T. Wang, D. Warburton, H. Zeng, Y. Zhou, A. Zoubeidi.

Professors Emeriti



R. Brunham, J. Hogg, R. K. Humphries, C. Pallen, P. Pare, U. Steinbrecher, J. Taunton, G. Warnock, H. Ziltener.

Associate Professors

K. Afshar, M. Ashe, J.A. Avina Zubieta, N. Ayas, A. Beristain, T. Blydt-Hansen, J. Boyd, J. Brubacher, L. Brunham, M. Brussoni, B. Chew, J. Cibere, M. Cox, S. Cresswell, D. Daley, A. Devlin, Q. Doan, X. Dong, D. Dorscheid, C. Du, R. Elango, M. Etminan, T. Field, N. Ford, S. Gantt, C. Garnis, T-L. Hackett, M. Hameed, K. Harris, B. Hoffman, S. Kalia, L. Kastrukoff, C.N. Kitson, S. Kolind, D. Lange, R. Lester, C. J. Lim, D. Luciani, C. Maxwell, O. Moritz, A. Mui, K. Miipuri, C. Ong, S. Plotkin, M. Price, B. Quon, M. Ramer, G. S. Reid, C.J. Ryerson, B. Salh, B. Sawatzky, A. Scott, J. Sims Gould, L. Sly, A. So, T.S. Tang.

Associate Professors Emeriti

M. Coulter-Mackie, W. Jia.

Assistant Professors

M. De Vera, J. Kopp, S. Nolan, M. Sadarangani, B. Shadgan, F. Vila-Rodriguez, S. Yeung.

Program Overview

The Experimental Medicine Program is intended for individuals seeking a career in medical research. It furnishes the opportunity for students to work toward both the M.Sc. and Ph.D. in the following specialties: cardiology, cancer biology, dermatology, gastroenterology, hematology/oncology, infectious diseases, molecular medicine, nephrology, neurology, and respiratory medicine. All these fields can involve patients and/or experimental animal models.

The Experimental Medicine Program accepts students with career goals compatible with the training the program provides. The requirements of the Faculty of Graduate and Postdoctoral Studies must also be met. A suitable research supervisor must agree to accept a potential student prior to an offer of admission to the program.

Please note that a **TOEFL score** of 590 or greater is required for international students applying to this program. For the TOEFL Internet-based Test (iBT), the required score will be greater or equal to 96, with no component (Reading, Writing, Listening, and Speaking) scored less than 22. The test must have been taken within the last two years.

Students should contact the Experimental Medicine Program Office for further information.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess an M.Sc. degree in life sciences, biology, zoology, biochemistry, or a related area, with clear evidence of research ability or potential. Transfer from the M.Sc. to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

In most cases, students entering the program with a master's degree in a relevant field, or transferring from another program, are exempt from any coursework requirement. If appropriate, some coursework may be recommended by the student's supervisor, in consultation with the student's supervisory committee.

All doctoral students are required to complete a comprehensive examination successfully by the end of the second year. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program normally possess a B.Sc. in life sciences, biology, zoology, or biochemistry, or have an M.D., D.M.D. or D.V.M. in a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

A total of 30 credits are required for completion of the M.Sc. degree. The M.Sc. thesis will account for 18 credits. The remaining 12 credits of coursework must include MEDI 502, and either MEDI 501 or MEDI 503, and 6 credits of additional courses. At least 3 credits of these additional courses must be taken at the 500-level. Students are permitted to take a maximum of 3 credits at the undergraduate-level in courses numbered 300 to 499. A statistics course (e.g., BIOL 300) is recommended for all students whose previous background in this area is not adequate.



Contact Information

Experimental Medicine Program
Room 10117 - 2775 Laurel Street (Diamond Health Care Centre)
Vancouver, BC, Canada V5Z 1M9
Tel: 604.875.4111, ext. 63140
Fax: 604.875.4886
Email: medi.exptimed@ubc.ca
Web: exp.med.ubc.ca (<http://exp.med.ubc.ca>)
Kelly Xu, Senior Program Assistant

Last updated: June 1, 2021

Degree Programs > Film Production

Degrees Offered: M.F.A.

Members

Professor

T. Scholte.

Associate Professors

S. McGowan., S. Walsh.

Assistant Professors

A. Bourges, I.Drljaca.

MFA in Film Production

The Film Program in the Department of Theatre and Film offers the Master of Fine Arts (M.F.A.) degree in Film Production.

The Program is a two-year course of resident study.

Admission Requirements

Applicants must satisfy the general requirements set by the Faculty of Graduate and Postdoctoral Studies.

Applicants to the program require, as a prerequisite, an undergraduate degree in film production or the equivalent in experience and a portfolio of completed films as primary creator (director, writer or producer).

For specific application requirements and deadlines, please see the Film Program (<http://www.film.ubc.ca>).

Program Requirements

A total of 36 credits:

- 12 credits from: 533 (6) Advanced Problems in Directing
- and FIPR 534 (6) Advanced Producing for Film and Television.

- Thesis (12/18 credits):
 - The 12-credit thesis requirement can normally be met with the completion of a professionally finished film 20 minutes long (shorter works to be considered on a case-by-case basis) and full written documentation and evaluation of the process.
 - Productions longer than 40 minutes may be eligible for 18 credits on a case-by-case basis
- 6-12 credits of electives, which may include:
 - FIPR 535 (6) Advanced Alternative Cinema Production
 - FIPR 536 (6) Advanced Documentary Development and Production
 - CRWR 506 (6) Advanced Writing of Drama for Screen and Television
 - CRWR 514 (3/6) D Advanced Writing for Television I
 - FIST 534 (3/6) D Seminar in Film Studies



Contact Information

Film Production Program
UBC Department of Theatre and Film
6354 Crescent Road
Vancouver, BC Canada V6T 1Z2
Tel: 604.822.3880 Ext. 0
Fax: 604.822.5985
Email: thtr.sec@ubc.ca
Web: theatrefilm.ubc.ca (<http://theatrefilm.ubc.ca>)

Last updated: June 1, 2021

Degree Programs > Film Production/Creative Writing

Degree Offered: M.F.A.

Members

Professor

T. Scholte.

Associate Professors

S. McGowan, S. Walsh.

Assistant Professors

A. Bourges, I.Drljaca

Program Overview

The Film Program and the School of Creative Writing offer a joint Master of Fine Arts (M.F.A.) degree in Film Production and Creative Writing.

The Program is a two-year course of resident study and requires, as a prerequisite, an undergraduate degree in film production or the equivalent in experience, a portfolio of completed films as primary creator (director, writer or producer), and a portfolio of screenwriting.

For application requirements, please see the Film Program (<http://www.film.ubc.ca>).

Admission Requirements

Applicants must satisfy the general requirements set by the Faculty of Graduate and Postdoctoral Studies.

Applicants must also first qualify for and be accepted into the [M.F.A. in Film Production](#).

Program Requirements

Total of 36 credits:

- 6 credits from:
 - FIPR 533 (6) Advanced Problems in Directing, or
 - FIPR 534 (6) Advanced Producing for Film and Television
- 12 credits from CRWR 506 (6) Advanced Writing of Drama for Screen and Television and CRWR 514 d (6) Advanced Writing for Television I
- Thesis 12/18: FIPR 549
 - The 12-credit thesis requirement can normally be met with the completion of a professionally finished film 20 minutes long (shorter works to be considered on a case-by-case basis) and full written documentation and evaluation of the process.
 - Productions longer than 40 minutes may be eligible for 18 credits on a case-by-case basis.
 - Students must also complete a screenplay of substantial length.
- Elective credits (if applicable) that may be from:
 - FIPR 535 (6) Advanced Alternative Cinema Production
 - FIPR 536 (6) Advanced Documentary Development and Production
 - FIST 534 (3/6) d Seminar in Film Studies



Contact Information

Film Production Program
UBC Department of Theatre and Film
6354 Crescent Road
Vancouver, BC Canada V6T 1Z2
Tel: 604.822.3880 Ext. 0
Fax: 604.822.5985
Email: thtr.sec@ubc.ca
Web: theatrefilm.ubc.ca (<http://theatrefilm.ubc.ca>)

Last updated: June 1, 2021

Degree Programs > Food Science

Degrees Offered: Ph.D., M.Sc., M.F.S.

Members

Professor Emeritus

E. Li-Chan

Professors

D. D. Kitts, R. Yada.

Associate Professors

V. Measday, C. Scaman, S. Wang.

Associate Professor Emeritus

B. Skura.

Assistant Professors

D. Dee, J. Frostad, A. P. Singh.

Program Overview

Food Science offers opportunities for advanced study and research leading to M.Sc. and Ph.D. degrees in the areas of Food Analysis, Food Biotechnology, Food Chemistry, Food Microbiology, Food Process Science, Food Quality Evaluation, Food Safety and Toxicology, and Wine Biotechnology.

Food Science also offers a Master of Food Science (M.F.S.) degree, which focuses on professional rather than research skills. The M.F.S. program is designed for food professionals in government, industry, or private practice, who are looking to expand their knowledge and skills in the food science discipline.

See the Faculty (<http://www.landfood.ubc.ca>) for individual faculty members' research areas. Students may also be involved in research projects in collaboration with adjunct faculty and researchers from other university departments, Agriculture and Agri-Food Canada, Fisheries and Oceans Canada, or other research centres.

Applicants to the graduate program in Food Science are expected to have completed prerequisite fundamental undergraduate courses in organic chemistry, biochemistry, calculus, physics, statistics, and microbiology. Applicants who lack some of these prerequisites and/or who do not have previous undergraduate background courses in the field of food science (food process science, food chemistry, food analysis, food laws, regulations and quality assurance, micro-organisms in food systems, and principles in food engineering) may be required to take additional coursework for their program.

Applicants who have completed a degree in which English is not the primary language of instruction must present evidence of sufficient competency to pursue studies in the English language prior to admission. See the Faculty of Graduate and Postdoctoral Studies' [TOEFL](#) and [GRE Requirements](#) for specifics.

Doctor of Philosophy



Admission Requirements

Students admitted to the Ph.D. degree program normally possess an M.Sc. degree in Food Science or a related area, with clear evidence of research ability or potential. Transfer from the M.Sc. to the Ph.D. program is permitted according to Faculty of Graduate and Postdoctoral Studies regulations.

Program Requirements

All Ph.D. students are required to take FOOD 600 (Graduate Seminar). Students are also required to complete 3 credits of graduate-level Food Science courses, excluding Directed Studies, but courses completed during an M.Sc. program may be used to satisfy this requirement. Additional coursework may be selected in consultation with the student's supervisory committee. All doctoral students are required to complete a comprehensive examination successfully. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program must possess a B.Sc. degree in Food Science or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.Sc. degree requires successful completion of a thesis (FOOD 549, 18 credits) and a minimum of 12 credits of coursework. The coursework includes FOOD 500 (Graduate Seminar), at least 3 credits of graduate-level Food Science courses, excluding Directed Studies, and other courses that may include a maximum of 3 credits of senior-undergraduate level courses. Additional coursework may be recommended upon consultation with the student's supervisory committee.

Master of Food Science

Admission Requirements

Students admitted to the M.F.S. degree program must possess a B.Sc. degree in Food Science or a related area, and must meet the general requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.F.S. program requires successful completion of a minimum of 30 credits of coursework. At least 24 credits of coursework must be selected from graduate courses offered in Food Science and Agricultural Economics. The program requirements include a course in international food laws and regulations, and a capstone course involving a laboratory project and written report. Students may take a maximum of 6 credits of senior-undergraduate level courses with the approval of the program's academic advisor.

Contact Information

Admission & Administrative Coordinator
Faculty of Land and Food Systems
291-2357 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.8373
Fax: 604.822.4400
Email: lfs.gradapp@ubc.ca;
Web (MFS): mfs.landfood.ubc.ca/ (<http://mfs.landfood.ubc.ca/>)
Web (FOOD): landfood.ubc.ca/graduate/food-science-msc-phd/ (<http://landfood.ubc.ca/graduate/food-science-msc-phd/>)

Last updated: June 1, 2021

Degree Programs > Forestry

Degrees Offered: Ph.D., M.Sc., M.A.Sc., M.F., M.G.E.M., M.I.F., M.S.F.M, M.U.F.L.

Members

Professors Emeriti

D. Cohen, B. Larson.



Professors

S. Aitken, Y. Ailla, P. Arcese, S. Avramidis, J. Bohlmann, G. Bull, A. Carroll, C. Chanway, N. Coops, L. Daniels, S. Day, Y. El-Kassaby, P. Evans, S. Gergel, S. Grayston, R. Guy, R. Hamelin, S. Hinch, J. Innes, C. Konijnendijk, R. Kozak, F. Lam, V. LeMay, S. Mansfield, P. Marshall, T. Martin, C. Prescott, S. Rennekar, J. Richardson, K. Ritland, J. Saddler, J. Sayer, S. Sheppard, S. Simard, G. Smith, T. Sowlati, T. Sunderland.

Associate Professor Emeritus

S. Mitchell.

Associate Professors

A.K. Boedhihartono, J. Bulkan, E. Cranston, C. Dai, J. Davies, S. Ellis, B. Eskelson, V. Griess, S. Hagerman, M. Krzic, M. Meitner, H. Nelson, J. Rhemtulla, D. Roeser, G. Wang, T. Wang, E. Wolkovich, H. Zerriffi.

Assistant Professors

C. Buron, J. Cool, F. Jiang, C. Loss, D. Montew, L. Nesbitt, Q. Tu, M. van den Bosch.

Program Overview

The graduate program in Forestry offers advanced study in natural and social science, management, and economic aspects of forestry and wood science, in an interdisciplinary setting. Detailed information about specific areas of research can be found on the Forestry website (<http://www.forestry.ubc.ca>). In addition to its thesis-based programs, the graduate program in Forestry also offers five course-based degrees: the Master of Forestry, the Master of International Forestry, the Master of Sustainable Forest Management, the Master of Geomatics for Environmental Management, and the Master of Urban Forestry Leadership. The Faculty operates research forests at Vancouver and Williams Lake which support many research and education activities. The Faculty encourages international and First Nations students to be involved in our research.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess a master's degree in Forestry or a related area, with clear evidence of research ability or potential. Transfer from the master's to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations. Exceptional students may be admitted directly to the Ph.D. program from the bachelor's level.

Program Requirements

Coursework is selected in consultation with the supervisory committee. All doctoral students are required to complete a comprehensive examination successfully. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program normally possess a bachelor's degree in science, applied science, agricultural sciences, social science, or forestry, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.Sc. program includes a thesis (6/12/18 credits), a forestry communications course (FRST 544 or approved alternate), and other approved courses, for a total of 30 credits.

Master of Applied Science

Admission Requirements

Students admitted to the M.A.Sc. degree program normally possess a bachelor's degree in Applied Science (B.A.Sc.) or higher degree in engineering, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements



The M.A.Sc. program includes a thesis (6-18 credits), a forestry communications course (FRST 544 or approved alternate), and other approved courses, for a total of 30 credits.

Master of Forestry

Admission Requirements

Students admitted to the M.F. degree program normally possess a bachelor's degree in science, applied science, agricultural sciences, social science, or forestry, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.F. program includes either a major essay (3-6 credits) or a thesis (6-18 credits), a forestry communications course (FRST 544 or approved alternate), and other approved courses, for a total of 30 credits.

Dual Degree Program Option

Master of Forestry, UBC and one of the available master's degrees at one of the European partner universities participating in the TRANSFOR-M program.

TRANSFOR-M (Transatlantic Forestry Master) is a unique dual degree program which offers qualified students the opportunity to earn, in two years, a Master of Forestry (MF) degree from UBC and a master's degree from one of the five participating universities in Europe.

The participating European Universities:

- Albert-Ludwigs-University Freiburg, Germany
- Bangor University, Wales, UK
- University of Eastern Finland, Finland
- University of Natural Resources and Life Sciences, Vienna, Austria
- University of Padova, Italy

The European degrees available for UBC MF students:

- M.Sc. Forest Sciences (Albert-Ludwigs-University Freiburg)
- M.Sc. Agroforestry (Bangor University / Wales)
- M.Sc. Conservation and Land Management (Bangor University / Wales)
- M.Sc. Environmental Forestry (Bangor University / Wales)
- M.Sc. Agriculture and Forestry (University of Eastern Finland)
- M.Sc. Mountain Forestry (University of Natural Resources and Life Sciences, Vienna)
- M.Sc. Forest Science (University of Padova)

Taken separately, both degrees would take three years to complete. The dual degree program option makes it possible to earn both degrees in two years of study by allowing students to be enrolled continuously through this period and by allowing students to apply 30 credits earned as part of the UBC MF degree towards the European degree.

In order to receive both degrees students must fulfill the individual program requirements for each institution's degree.

Admission

Admission to the TRANSFOR-M through UBC requires an academic background in science, applied science, agricultural sciences, social science or forestry. Admission standards are in accordance with the standards set by UBC's Faculty of Graduate and Postdoctoral Studies. Given that the number of applicants exceeds the number of positions available, a record that satisfies basic entrance requirements does not guarantee admission.

For applicants with Canadian or USA credentials, the equivalent of a four-year bachelor's degree with a minimum overall average in the B+ range in third- and fourth-year courses, is required. For applicants with International credentials, we require an academic degree and GPA as detailed by the Faculty of Graduate and Postdoctoral Studies International Evaluation Manual (<http://www.grad.ubc.ca/prospective-students/application-admission/minimum-academic-requirements-international-credentials>).

Applicants whose prior degree is from a university outside Canada in which English is not the primary language of instruction must provide official results of an English language proficiency examination as part of their application. See details (<http://www.grad.ubc.ca/prospective-students/application-admission/english-proficiency-requirements>).

Applicants wishing to participate in the TRANSFOR-M program must first submit their Expressions of Interest and arrange an interview with



the UBC TRANSFOR-M Liaison Officer. The TRANSFOR-M pre-application must be submitted to the UBC Liaison Officer by the posted deadline. The successful applicants selected as UBC candidates will then apply formally for admission to UBC Master of Forestry (MF) program as well as to the master's program at the European Host Institution to which they were invited to apply.

Requirements

Once the students have been selected in the TRANSFOR-M program and offered admission at both UBC and in the Host Institution in Europe, the Liaison Officers at both institutions will work with the student to develop a Study Plan that will outline courses to be taken at the Host Institution and the transfer credits that will be granted by the European Institution. Liaison Officers of both UBC and the Host Institution must approve the student's Study Plan.

Students will complete their first year at the European Host institution during which they will complete the normal requirements for the first year of the Host institution's degree program. During that period, they will also be registered at UBC in the MF's Major Essay (FRST 548). For their second year, they will return to UBC and complete the remaining MF degree requirements (coursework).

For the UBC Master of Forestry (MF) and European Master's dual degree program, students are required to complete a minimum of 30 UBC credits to qualify for the UBC MF component and additional 60-75 European Credit Transfer and Accumulation System (ECTS) credits for the European component. None of the European courses are accepted as transfer credits towards the UBC Master of Forestry (MF) degree, but UBC MF degree credits are accepted as transfer credits towards the European degree.

Students will graduate from each institution when they complete the program requirements of that institution. Students may attend the convocation ceremonies of both institutions. The student will receive two parchments:

1. UBC, Master of Forestry (MF); and
2. The master's degree from their European Host Institution

Each institution manages its own degree requirements. Students must meet each institution's admission and continuation requirements; however, only those credits administered by the specific institution will apply towards that institution's continuation policies. Students are required to comply with all policies, procedures, rules and regulations of the Host Institution during their studies at the Host Institution, as well as any other policies, procedures, rules or regulations placed upon them by the Home Institution during the period of their participation in the TRANSFOR-M Program.

TRANSFOR-M students with UBC as the designated Home Institution will pay the MF tuition assessment and student fees for a minimum of two years (6 terms), but will receive a tuition fee waiver at the Host University in Europe. Miscellaneous European student fees may be assessed.

TRANSFOR-M students with UBC as the designated Host Institution will receive a tuition fee waiver for each term they are registered in the MF at UBC, but will pay all other required student fees.

For further information on the UBC MF program, including information on applying, please see the UBC Faculty of Forestry MF program website (<http://www.forestry.ubc.ca/students/graduate/programs/master-of-forestry/>).

Master of International Forestry

Admission Requirements

Students admitted to the M.I.F. Program must meet the Faculty of Graduate and Postdoctoral Studies master's degree [admission requirements](#). Applicants must have an academic background in science, social science, or a related discipline with adequate grounding in natural resource conservation and management. As part of the application package, applicants are required to submit a professional/educational dossier and statement of interest.

The minimum TOEFL score requirement for admission is 100 (internet-based) or 600 (paper-based).

Program Requirements

The M.I.F. is a one-year course-based degree program consisting of 31 credits: 28 required credits and a 3-credit internship or project.

The 28 course credits must include the following courses, or alternates as approved by the Program Director:

- FRST 519 (3)
- FRST 522 (4)
- FRST 534 (4)
- FRST 543 (4)
- FRST 553 (4)
- FRST 559 (4)
- FRST 560 (4)
- FRST 562 (1)

***Master of Sustainable Forest Management*****Admission Requirements**

Students admitted to the M.S.F.M. Program must meet the Faculty of Graduate and Postdoctoral Studies master's degree [admission requirements](#). Applicants must have a science-based academic background with prior coursework in biology, chemistry, physics, mathematics, introductory statistics, ecology, and economics. As part of the application package, applicants are required to submit a professional/educational dossier and statement of interest.

The minimum TOEFL score requirement for admission is 100 (internet-based) or 600 (paper-based).

Program Requirements

The M.S.F.M. is a one-year non-thesis degree program consisting of 33 credits:

- FRST 555 (3)
- FRST 556 (3)
- FRST 557 (6)
- FRST 558 (9)
- 12 elective credits, as approved by the program

Master of Geomatics for Environmental Management**Admission Requirements**

Students must meet the Faculty of Graduate and Postdoctoral Studies master's degree [admission requirements](#). Applicants must have an academic background in a relevant field (e.g. environmental science, computer science, geography). Please consult the program website (<http://www.forestry.ubc.ca/students/graduate/programs/>) for additional details regarding academic background requirements, and a list of required application documents.

Students must have a minimum TOEFL score of 100–ibt or equivalent (IELTS = 7.0 minimum overall score with sub-category minimum scores of 6.5).

Program Requirements

The M.G.E.M is a nine-month non-thesis degree program consisting of 30 credits:

- GEM 500 (3)
- GEM 510 (3)
- GEM 511 (3)
- GEM 520 (3)
- GEM 521 (3)
- GEM 530 (3)
- GEM 540 (3)
- FCOR 500 (1.5)
- FCOR 501 (1.5)
- FCOR 502 (1.5)
- FCOR 503 (1.5)
- FCOR 599 (3)

Alternative core courses may be allowed if approved by the Program Director.

Master of Urban Forestry Leadership**Admission Requirements**

Students must meet the Faculty of Graduate and Postdoctoral Studies master's degree [admission requirements](#). Applicants must have an academic background in a relevant field (e.g. urban forestry, forestry, environmental science, geography, engineering, social sciences). Please consult the program website (<http://forestry.ubc.ca/programs/graduate/>) for additional details regarding academic background requirements, and a list of required application documents.

For information on the English Language Requirements for admission please refer to [English Language Proficiency Standards and GRE Requirements](#).

Program Requirements

The M.U.F.L is a 13-month, four-term, non-thesis degree program consisting of 30 required credits:

- UFOR 500 (3)
- UFOR 511 (1.5)



- UFOR 512 (3)
- UFOR 521 (3)
- UFOR 522 (3)
- UFOR 523 (1.5)
- UFOR 531 (6)
- FCOR 500 (1.5)
- FCOR 501 (1.5)
- FCOR 502 (1.5)
- FCOR 503 (1.5)
- FCOR 599 (3)

Alternative courses may be allowed if approved by the Program Director.

Contact Information

Forestry Graduate Programs Office
2005-2424 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.827.4454
Fax: 604.822.8645
Email: gayle.kosh@ubc.ca
Web: <http://www.forestry.ubc.ca/students/graduate/>
Gayle Kosh, Director, Graduate Student Academic Services

Last updated: June 1, 2021

Degree Programs > French

Degrees Offered: Ph.D., M.A.

Members

Professors Emeriti

R. Sarkonak, H. Curat, A. Lamontagne, G. Onyeoziri-Miller

Professors

D. Boccassini, C. Testa.

Assistant Professor Emeritus

W. G. Winder

Associate Professors

J. Castonguay-Bélanger, N. Frelick, S. N. Godfrey, F. Laroussi, C. Rouget.

Assistant Professors

M.-E. Bouchard, V. Gélinas-Lemaire, P. Moran, A.-M. Rocheleau, A. Salamon, G. Zhang, A. Ziethen.

Program Overview

Graduate French programs offer opportunities for advanced study in the language and literatures of France and Québec, as well as in African and Caribbean literatures in French.

The UBC Library and the Departmental Reading Room have extensive holdings in French.

The program makes available a list of courses to be offered as early as possible, usually in February of the preceding academic year.

Doctor of Philosophy



Admission Requirements

Students admitted to the Ph.D. degree program normally possess an M.A. degree in French or a related area, with clear evidence of research ability or potential. Transfer from the M.A. to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies and the Department of French, Hispanic and Italian Studies. Part-time Doctoral Classification is also available. Students who wish to be classified as part-time must obtain approval from their proposed supervisor and graduate program advisor as part of the admission process.

Program Requirements

The program may be pursued by full or part-time students.

The Ph.D. program consists of coursework, a qualifying examination, a comprehensive examination, the PhD thesis proposal defense, and research leading to a dissertation that is defended in a final oral examination. For details on regulations, visit the Department (<http://fhis.ubc.ca/grad> <http://fhis.ubc.ca/graduate-program-in-french/phd-in-french>).

Master of Arts

Admission Requirements

Students admitted to the M.A. degree program normally possess a B.A. degree in French or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

There are two options for the M.A.:

1. **M.A. with Thesis.** This option requires 24 credits of coursework numbered 500 and above in literature or linguistics given in French, and a 6-credit thesis followed by an oral thesis defense.
2. **Course-based M.A.** This option requires 30 credits of coursework, up to 3 of which may be drawn from 400-level undergraduate courses in literature or linguistics given in French.

Contact Information

Department of French, Hispanic, and Italian Studies
715-1873 East Mall
Vancouver, BC, Canada V6T 1Z1
Tel: 604.822.0016
Email: fhis.grad@ubc.ca
Web: www.fhis.ubc.ca (<http://www.fhis.ubc.ca>)
Carol Schoenfeld, Graduate Student Support

Last updated: June 1, 2021

Degree Programs > Gender, Race, Sexuality and Social Justice

Degrees Offered: Ph.D., M.A.

Members

Professors

G. Creese, D. Ferreira da Silva, L. Harris, A. Henry, P. Riaño-Alcalá, B. Ross.

Associate Professors

D. Al-Kassim, L. Angeles, A. Chaudhry, M. Harris, M. Mahtani.

Assistant Professor

J.P. Catungal.

Professors Emeriti

S. Gunew, V. Raoul, V. Strong-Boag.



Program Overview

Gender, race, sexuality and social justice (GRSJ) studies is an exciting interdisciplinary field of study with its own texts, journals, and methodologies. In many disciplines some of the most innovative, scholarly work in theory and research is being done by gender, race, sexuality and social justice specialists, and the interdisciplinary nature of this scholarship is an important feature of its success and promise. The Institute for Gender, Race, Sexuality and Social Justice (<http://www.grsj.arts.ubc.ca>) at UBC offers courses in an open and mutually supportive atmosphere. The program has more than 90 well-qualified faculty and faculty associates from many departments and programs, whose expertise includes gender and development, critical studies in sexuality, decolonizing and post-colonial methodologies, race, gender and cultural studies (including Asia), critical race theory, gender and Canadian history and literature (in English and French), transgender studies, gender issues in health, and feminist legal studies. The program aims to maintain flexibility to accommodate the needs of individual students.

Doctor of Philosophy

Admission Requirements

To be eligible for consideration applicants must fulfill all the general requirements for admission to the Faculty of Graduate and Postdoctoral Studies. In addition, they must also:

- demonstrate adequate preparation in gender, race, sexuality, and social justice and related methodologies, or be willing to take extra courses, as required, to gain such preparation;
- submit a writing sample (such as an essay) demonstrating excellent research potential;
- submit a statement explaining why s/he wishes to undertake doctoral work in Gender, Race, Sexuality and Social Justice. The student may describe relevant non-academic experience, and explain any discrepancies in the academic record. This statement should also specify the areas of most interest to the applicant, to enable us to ascertain the likelihood of an appropriate research supervisor being available for the dissertation.

Students are selected by the Graduate Admissions Committee, which assesses the availability of appropriate courses and faculty to provide supervision.

Transfer from the M.A. to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The Ph.D. Program consists of 12 credits of coursework, a comprehensive examination, and a research dissertation. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements. The program offers students the opportunity to focus their studies in areas such as Critical & Creative Social Justice Studies; Critical Gender, Race, and Sexuality Studies; and Memory and Justice Studies. For details visit the program website (<http://grsj.arts.ubc.ca/graduate/areas-focus/>).

Students must complete GRSJ 500, 501 (methodology) and 502 (theory), plus a minimum of 3 graduate-level elective credits approved by their supervisor. Students focusing on Critical & Creative Social Justice Studies have the option of completing GRSJ 515 rather than GRSJ 501.

Master of Arts

Admission Requirements

To be eligible for consideration applicants must fulfill all the general requirements for admission to the Faculty of Graduate and Postdoctoral Studies. In addition, they must also:

- demonstrate adequate preparation in gender, race, sexuality, and social justice and related methodologies, or be willing to take extra courses, as required, to gain such preparation;
- submit a writing sample (such as an essay) demonstrating excellent research potential;
- submit a statement explaining why s/he wishes to undertake M.A. work in gender, race, sexuality and social justice. The student may describe relevant non-academic experience, and explain any discrepancies in the academic record. This statement should also specify the areas of most interest to the applicant, to enable us to ascertain the likelihood of an appropriate research supervisor being available for the thesis.

Students are selected by the Graduate Admissions Committee, which assesses the availability of appropriate courses and faculty to provide supervision.

Program Requirements

The Master of Arts (M.A.) in Gender, Race, Sexuality and Social Justice consists of 30 credits of coursework including either a 9-credit thesis (GRSJ 520) or 3-credit extended essay (GRSJ 510). The program offers students the opportunity to focus their studies in a variety of areas such as Critical & Creative Social Justice Studies; Critical Gender, Race, and Sexuality Studies; and Memory and Justice Studies. For details visit the program website (<http://grsj.arts.ubc.ca/graduate/areas-focus/>).



Students must complete GRSJ 500, 501 (methodology) and 502 (theory). Students focusing on Critical & Creative Social Justice Studies have the option of taking GRSJ 515 rather than GRSJ 501.

Contact Information

Institute for Gender, Race, Sexuality and Social Justice
Buchanan Tower
1097-1873 East Mall
Vancouver, BC Canada V6T 1Z1
Tel: 604.822.9171
Fax: 604.822.9169
Email: grss.office@ubc.ca
Web: www.grsj.arts.ubc.ca (<http://www.grsj.arts.ubc.ca>)

Last updated: June 1, 2021

Degree Programs > Genetic Counselling

Degree Offered: M.Sc.

Members

Professors

L. Arbour, J. Austin, C. J. Brown, L. A. Clarke, E. Conibear, J. M. Friedman, M. R. Hayden, S. F. Langlois, M. A. Marra, W.P. Robinson, A. D. Sadovnick, M. I. Van Allen.

Associate Professors

A. Elliott, L. Lefebvre, G. Morin, S. Taubert, C. Van Raamsdonk.

Assistant Professor

C. Vilarino-Guell.

Program Overview

The Department of Medical Genetics, through the Faculty of Graduate and Postdoctoral Studies offers a two-year graduate program leading to an M.Sc. degree in Genetic Counselling. The Program is accredited by the Accreditation Council for Genetic Counselling. Graduates of the program will be eligible to apply for "Active Candidate" status for both the American Board of Genetic Counselling (ABGC) and the Canadian Association of Genetic Counsellors (CAGC) certification exams.

Detailed program information is provided on the program website (<http://medgen.med.ubc.ca/genetic-counselling/>).

Master of Science

Admission Requirements

The Selection Committee evaluates applicants' life experiences, communication skills, and academic transcripts.

The following are
required for admission:

- a minimum of a B.Sc. or equivalent degree
- previous coursework that included a strong genetics component
- previous coursework that included biochemistry and basic statistics
- previous coursework in clinical embryology. The University of Cincinnati offers an excellent online clinical embryology course and provides a grade and certificate of completion that would need to be submitted in the application process
- a minimum of 3 months of one-on-one counselling experience prior to entering the program (either paid or volunteer) in a setting such as a distress line, peer counselling, hospice, rape relief centre, etc.
- personal interview with the Selection Committee. The Selection Committee evaluates all applications and offers approximately 25 interviews based on merit. Consideration is given to transcripts, knowledge of profession, communication and relevant experience.

The following are
recommended for admission:



- coursework in developmental biology, human anatomy/physiology, and psychology/counselling
- knowledge of the profession and, if possible, experience in a clinical genetics unit (which may be obtained through volunteer work, a work study position or a directed study project)

Program Requirements

The M.Sc. is a non-thesis program. Students are required to complete 34 credits of graduate coursework in human, molecular, and clinical genetics, counselling techniques, and bioethics. The required courses also encompass practical experience through clinical and laboratory rotations. Graduation requirements include successful completion of a comprehensive examination. Students attend and participate in educational sessions offered by the Department of Medical Genetics and other departments within the hospital and University. All applicants who accept an offer are required to consent to a Criminal Record Check.

Contact Information

M.Sc. Genetic Counselling Program
Department of Medical Genetics
University of British Columbia
BC Children's and Women's Hospital
4500 Oak Street, Room C234
Vancouver, BC V6H 3N1
Tel: 604.875.3486
Fax: 604.875.3490
Email: medgeneducation@cw.bc.ca
Web: medgen.med.ubc.ca/genetic-counselling (<http://medgen.med.ubc.ca/genetic-counselling>)
Tracey Oh, MS, CGC, Program Co-Director, Clinical Training
Jenna Scott, MS, CGC, Program Co-Director, Curriculum Development and Directed Studies
Dr. Linlea Armstrong, MD, FRCPC, Medical Director
Dr. Jehannine Austin, PhD, CCGC, CGC, Graduate Advisor

Last updated: June 1, 2021

Degree Programs > Genome Science and Technology

Degrees Offered: Ph.D., M.Sc.

Members

Professors

K. Adams, R. Andersen, S. Aparicio, I. Birol, J. Bohlmann, A. Brooks-Wilson, C. Brown, H. Brumer, B. Carleton, K. Chi, C. Collins, L. Conibear, H. Côté, P. Cullis, L. Eltis, B. Finlay, L. Foster, J. Friedman, D. Goldowitz, S. Hallam, R. Hancock, C. Haynes, P. Hieter, R. Holt, P. Hoodless, D. Huntsman, W. Jefferies, J. Johnson, S. Jones, A. Karsan, T. Kieffer, M. Kobor, X. Li, C. Loewen, M. Marra, A. Marziani, T. Mayor, L. McIntosh, C. Nislow, C. Overall, P. Pavlidis, D. Perrin, J. Piret, R. Redfield, L. Rieseberg, W. Robinson, F. Rossi, M. Underhill, B. Vallance, W. Wasserman, A. Weng, S. Withers.

Associate Professors

A. Bouchard-Côté, J. Gsponer, M. Hirst, C. Kastrup, S. Leslie, V. Measday, G. Morin, S. Plotkin, C. Ross, K. Ryan, N. Tokuriki, V. Yadav.

Assistant Professors

K. Dao Duc, C. de Boer, J. Dennis, C. Haney, T. Huan, J. Kopp, K. Korthauer, P. Lange, B. Matthews, G. Schiebinger, S. Teves, C. Tropini, R. Ziels.

Program Overview

The Genome Science and Technology graduate program, administered through Michael Smith Laboratories, is a trans-disciplinary program that combines genomic research with leading-edge technology development in genome sciences for students pursuing an M.Sc. or Ph.D. This program is intended to accommodate the diverse background of students and the broad nature of genomic research in human, animal, plant, microbes, and viruses.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess a M.Sc. degree in genomics or a related area, such as biology, microbiology, molecular biology, medicine or in physical/engineering science, such as computer science, mathematics, statistics, chemistry, physics, chemical engineering, electrical engineering, mechanical engineering, bioengineering, with clear evidence of research ability or potential.

Eligibility is determined on the basis of academic achievement, research experience, and letters of recommendation.



Transfer from the M.Sc. to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies.

A minimum TOEFL score of 100 is required on the iBT (internet-based TOEFL), 600 on the paper-based TOEFL or equivalent on other tests approved by the Faculty of Graduate and Postdoctoral Studies. No GRE is required.

Program Requirements

All doctoral students are required to successfully complete a comprehensive examination, which consists of an oral and written component. The major requirement for the Ph.D. degree is the completion of a research dissertation that meets the Faculty of Graduate and Postdoctoral Studies guidelines. All students are required to present a Genome Science and Technology graduate program exit seminar, based on their research, upon completion of their program, and before their dissertation defense.

A student's committee for the doctorate will consist of the supervisor and three others. The supervisor and at least one other member must be a member of the Genome Science and Technology graduate program.

Master of Science

Admission Requirements

Successful applicants require a B.Sc. or equivalent, majoring in a biological discipline (such as biology, genetics, microbiology, molecular biology, medicine) or in physical/engineering science (such as computer science, mathematics, statistics, chemistry, physics, chemical engineering, electrical engineering, mechanical engineering, bioengineering), with a first-class standing in their previous degree.

Eligibility is determined on the basis of academic achievement, research experience and letters of recommendation.

Academically acceptable applicants, not selected for the rotation option of the program, must also obtain the commitment of a Genome Science and Technology graduate program research supervisor before receiving final acceptance from the Program and the Faculty of Graduate and Postdoctoral Studies.

A minimum TOEFL score of 100 is required on the iBT (internet-based TOEFL), 600 on the paper-based TOEFL or equivalent on other tests approved by the Faculty of Graduate and Postdoctoral Studies. No GRE is required.

Program Requirements

M.Sc. students are required to complete 30 credits, which include one required course GSAT 502, and an 18-credit thesis. Nine credits of coursework must be numbered 500 or higher. Program-funded scholarship students are also required to complete three nine-week research rotations in their first year. The major requisite for the M.Sc. degree is the completion of a research thesis that meets the Program's requirements.

A student's committee for the M.Sc. degree will consist of their thesis supervisor and two other members. The supervisor and at least one other member must be members of the Genome Science and Technology graduate program. All students are required to present a Genome Science and Technology graduate program exit seminar, based on their thesis research, upon completion of their program before their thesis defense.

Contact Information

Co-Director, J. Bohlmann
Co-Director, P. Stirling
Sharon Ruschkowski, Program Coordinator
Genome Science and Technology Graduate Program
100-570 West 7th Avenue
Vancouver, BC, Canada V5Z 4S6
Tel: 604.707.5803
Fax: 604.876.3561
Email: sharonr@bcgsc.ca
Web: <http://www.gsat.ubc.ca>

Last updated: June 1, 2021

Degree Programs > Geography

Degrees Offered: Ph.D., M.A., M.Sc.

Members

Professors Emeriti



M. A. Church, D. W. Edgington, C. R. Harris, D. F. Ley, D. M. McClung, T. G. McGee, T. R. Oke, A. H. Siemens, O. H. Slaymaker, G.C. Wynn.

Professors

K. J. Bakker, T. J. Barnes, S. D. Donner, B. C. Eaton, M. D. Evenden, J. F. Glassman, D. J. Gregory, M. Hassan, G. H. R. Henry, D. J. Hiebert, B. Klinkenberg, M. Kuus, P. A. Le Billon, I. G. McKendry, R. D. Moore, J. A. Peck, G. J. Pratt, E. K. Wylly.

Associate Professors

L. R. Bergmann, J. A. Dempsey, M. N. Koppes, J. R. Sundberg, J. L. Williams.

Assistant Professors

M.R. Arefin, S. H. Knox, P. Narayan, N. B. Schwartz.

Program Overview

Programs in physical geography have a strong natural science emphasis. They focus on physical and ecological systems at or close to the earth's surface, and the interaction of these systems with people. The major substantive specializations are biogeography, climatology, GIS and remote sensing, geomorphology, and hydrology.

Programs in human geography are more pluralistic. Many projects explore the connections between human geography and political economy, social theory, and cultural studies and pursue their substantive implications for interpreting changes in past and present landscapes. Other work focuses on the political and policy aspects of these changes. Major areas of specialization are development geography, economic geography, feminist geography, historical geography, and social and cultural geography. Work in these fields often feeds into a strong general interest in urban geography and intersects with work in environmental geography.

Programs in regional geography focus on the following regions: Canada, Asia and the Pacific Rim, Russia and Eastern Europe, and Latin America.

The Department participates actively in many interdisciplinary programs: Polar and Alpine, Asian Studies, Canadian Studies, Community and Regional Planning, Comparative Literature, Global Studies, Hydrology, International Relations, Latin American Studies, Liu Centre for the Study of Global Issues, Remote Sensing, Resource Management and Environmental Studies, Sustainable Development, Transportation Studies, Urban Studies, and Women's Studies. Field studies include ongoing projects in the Western Arctic and Cordilleran regions of Canada.

A detailed guide to graduate studies in Geography is available from the Department (<http://www.geog.ubc.ca>).

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess a master's degree in Geography or a related area, with clear evidence of research ability or potential. Transfer from a master's program to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations.

Part-time Doctoral Classification is also available. Students who wish to be classified as part-time must obtain approval from their proposed supervisor and graduate program advisor as part of the admission process. Once registered part-time, students cannot switch to full-time status.

Program Requirements

The Ph.D. program consists of a minimum 9 credits of coursework (including either GEOB 500 or GEOG 520, unless the student has already completed one of these in the M.A. or M.Sc. program) as recommended by the research supervisor and/or doctoral committee, independent study, a spring review, comprehensive examination (both written and oral), and research leading to a dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Arts

Admission Requirements

Students admitted to the M.A. degree program normally possess a bachelor's degree in Geography or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

There are two options for the M.A.:

1. **Thesis Option.** This option requires a 15-credit thesis and 15 credits of coursework. The 15 credits of coursework must include either GEOB 500



or GEOG 520 (3 credits), plus 6 additional credits at the 500-level or above.

2. **Non-thesis Option.** This option requires 30 credits of coursework (including a major essay) and a comprehensive examination. At least 24 credits must be at the 500-level or above.

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program normally possess a bachelor's degree in Geography or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

There are two options for the M.Sc.:

1. **Thesis Option.** This option requires a 15-credit thesis and 15 credits of Science-credit coursework. Coursework must include GEOB 500 (3 credits) and 6 additional credits at the 500-level or above
2. **Non-thesis Option.** This option requires 30 credits of science coursework (including a major essay) and a comprehensive examination. At least 24 credits must be at the 500-level or above.

Contact Information

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217-1984 West Mall
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Web: www.geog.ubc.ca (<http://www.geog.ubc.ca>)
Student Services: Danny Wong or Suzanne Lawrence

Last updated: June 1, 2021

Degree Programs > Geological Engineering

Degrees Offered: Ph.D., M.A.Sc.

Members

Professors Emeriti

L. Smith.

Professors

R. Beckie, E. Eberhardt, U. Mayer.

Assistant Professors

A. Ameli, S. McDougall

Program Overview

The Geological Engineering Program is intended for students interested in the application of earth sciences principles to engineering problems. While most geological engineering degree programs are based in the Department of Earth, Ocean and Atmospheric Sciences, students may also base their studies in allied Applied Science departments such as Civil or Mining Engineering. The program is highly interdisciplinary and draws upon courses, laboratories, and faculty members from the departments of Earth, Ocean and Atmospheric Sciences, Civil Engineering, Mining Engineering, Forestry, Geography, and others. Graduate students are often co-supervised by faculty members from different departments.

Geological engineering faculty members in the Department of Earth, Ocean and Atmospheric Sciences have research interests in the following general areas:

- landslides, debris flows, engineering geology, slope stability
- groundwater hydrology, groundwater contamination and remediation, reactive transport modeling, environmental geochemistry
- rock engineering, rock slopes, and tunneling



Other research areas include geotechnical engineering, environmental geology, engineering geology, economic geology, and applied geophysics. The specific fields of study may involve geomorphology and terrain analysis, groundwater hydrology, natural hazards, slope stability, petroleum and coal geology, coalbed methane, mineral prospecting and valuation, and other similar subjects. Students are encouraged to consult individual faculty members for information about current research areas.

Admission to graduate studies in geological engineering is open only to students with an undergraduate degree in engineering or, at the discretion of the program director, to students with sufficient engineering work experience.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess a master's degree in an area of applied science or engineering, with clear evidence of research ability or potential. Transfer from the M.Sc. to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations.

Part-time Doctoral Classification is also available. Students who wish to be classified as part-time must obtain approval from their proposed supervisor and graduate program advisor as part of the admission process.

Program Requirements

The Ph.D. degree typically requires four years to complete through full-time study. There are no course requirements for the Ph.D. program. Appropriate coursework may be selected in consultation with the student's supervisory committee. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Applied Science

Admission Requirements

Students admitted to the M.A.Sc. degree program normally possess a bachelor's degree in an area of applied science or engineering, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.A.Sc. degree typically requires two years to complete. It consists of a 12-credit thesis and 18 credits in graduate or advanced courses in geological engineering and related fields selected in consultation with the candidate's committee. A minimum of 24 credits must be at the 500-level and above.

Master of Engineering

For information about the professional Master of Engineering (M.Eng.) program, please see [Master of Engineering](#).

Contact Information

Department of Earth, Ocean and Atmospheric Sciences
2020-2207 Main Mall
Vancouver, BC, Canada V6T 1Z4
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Web: www.eoas.ubc.ca/ (<http://www.eoas.ubc.ca/>)

Last updated: June 1, 2021

Degree Programs > Geological Sciences

Degrees Offered: Ph.D., M.Sc.

Members

Professors

R. Beckie, M. Bustin, G. Dipple, E. Eberhardt, L. Groat, M. Jellinek, M. Johnson, M. Kopylova, U. Mayer, S. Peacock, K. Russell, J. Scoates, D. Weis.



Associate Professors

S. Barker, S. Crowe, L. Kennedy.

Assistant Professor

A. Ameli, M. Darcy, K. Hickey, S. McDougall, J. Saylor, M. Smit.

Professors Emeriti

J. Mortensen, L. Smith.

Program Overview

UBC and the Province of British Columbia offer exceptional opportunity for combined field and laboratory research. The Canadian Cordillera offers research opportunities in:

- petrology of intrusive and volcanic rocks of many kinds, and of metamorphic rocks of all grades
- structural studies of complex metamorphic terrains exposed in three dimensions
- metalliferous deposits of varied genetic types
- mineral exploration methods; mineralogy associated with many different environments
- complexly folded and faulted successions of bedded rocks in the mountain belts and plateaus, and in virtually undisturbed coal- and gas-bearing strata of the north-eastern province
- numerous problems of engineering, environmental geology-related to water, slope stability, natural geological hazards, and hydrogeology (lakes, fjords, deltas, tidal flats, continental shelf, and oceanic depths provide a wide range of aquatic environments for students interested in sedimentology, geochemistry, biostratigraphy, and geological oceanography)

Numerous research units (<http://www.eos.ubc.ca/research/>) in the Department of Earth, Ocean and Atmospheric Sciences maintain excellent provisions for research and study in a wide range of geological sciences.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess a master's degree in an area of science or applied science, with clear evidence of research ability or potential. Transfer from the master's to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations.

Program Requirements

Courses in geology and related fields will be selected in consultation with the student's supervisory committee. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program normally possess a bachelor's degree in an area of science or applied science, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.Sc. (with thesis) program consists of a 12-credit thesis and 18 credits in graduate or advanced courses in geology and related fields selected in consultation with the student's supervisory committee.

The M.Sc. (without thesis) program includes 27 credits in graduate or advanced courses in geology and related subjects and a 3-credit graduating paper, selected in consultation with the student's supervisory committee.

A minimum of 24 credits must be at the 500-level and above.

Contact Information

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Last updated: June 1, 2021

Degree Programs > Geophysics

Degrees Offered: Ph.D., M.Sc., M.A.Sc.

Members

Professors

M. Bostock, E. Haber, M. Jellinek, C. Johnson, C. Schoof.

Associate Professor

V. Radic.

Assistant Professor

A. Orsi

Professors Emeriti

G. K. C. Clarke, D. Oldenburg.

Program Overview

Theoretically, experimentally, and observationally oriented Master of Science (M.Sc.), Master of Applied Science (M.A.Sc.), and Doctor of Philosophy (Ph.D.) programs are offered in a number of key areas of geophysics. Current interests include topics in observational and theoretical glaciology; climate variability; geodynamics of the crust, mantle, and core of Earth and other planets; geological fluid mechanics; volcanic processes; origin and structure of planetary magnetic fields; reflection seismology; time-series analysis and wavelet processing; inversion methodologies with application to reflection seismology, mineral exploration, and environmental studies; computational electrodynamics; seismology with observational programs in crustal and upper mantle studies; earthquake studies focused on understanding past and current tectonic processes in Western Canada; and theoretical model studies to investigate wave propagation in laterally heterogeneous media.

Doctor of Philosophy

Admission Requirements

Applicants are expected to have a master's degree in science or engineering, with a firm background of mathematics and physics up to fourth-year level. While some undergraduate instruction in geophysics or geology is an advantage, it is not a prerequisite for entry into geophysics graduate programs of the Department of Earth, Ocean and Atmospheric Sciences. Transfer from the M.Sc. to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

Geophysics students who have not completed a course in physics of the Earth at either the senior undergraduate or graduate level will be required to register for EOSC 453. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Applicants are expected to have the equivalent of a bachelor's degree in science, with a firm background of mathematics and physics up to fourth-year level. While some undergraduate instruction in geophysics or geology is an advantage, it is not a prerequisite for entry into geophysics graduate programs of the Department of Earth, Ocean and Atmospheric Sciences.

Program Requirements

Geophysics students who have not completed a course in physics of the Earth at either the senior undergraduate or graduate level will be required to register for EOSC 453. The M.Sc. program consists of a 12-credit thesis and 18 credits of coursework. A minimum of 24 credits must be at the 500-level



and above.

Master of Applied Science

Admission Requirements

Applicants are expected to have the equivalent of an honours degree in engineering, with a firm background of mathematics and physics up to fourth-year level. While some undergraduate instruction in geophysics or geology is an advantage, it is not a prerequisite for entry into geophysics graduate programs of the Department of Earth, Ocean and Atmospheric Sciences.

Program Requirements

Geophysics students who have not completed a course in physics of the Earth at either the senior undergraduate or graduate level will be required to register for EOSC 453. The M.A.Sc. program consists of a 12-credit thesis and 18 credits of coursework. A minimum of 24 credits must be at the 500-level and above.

Contact Information

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Web: www.eoas.ubc.ca/ (<http://www.eoas.ubc.ca/>)

Last updated: June 1, 2021

Degree Programs > Germanic Studies

Degrees Offered: Ph.D., M.A.

Members

Professors

D. Gramling, G. Pailer, G. Winthrop-Young.

Associate Professors

K. Bowers, K. Frackman, M. Hallensleben, I. Iurascu, B. Karwowska, C. Rieger

Associate Professors Emeriti

T. Salumets, S. Taubeneck.

Assistant Professors

E. Malakaj

Program Overview

Our graduate program provides excellent opportunities to cross and join boundaries by participating in the continued construction of new disciplinary configurations. In order to facilitate research and development of unique scholarly projects, students are free to draw on a broad range of faculty both on and off campus. They are encouraged to explore canonical and non-canonical texts, and to take advantage of the many interdisciplinary, intercultural, and other dimensions that presently give shape to the Program in Germanic Studies at UBC.

For details please see the Program (<http://cenec.ubc.ca/graduate/>).

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess an M.A. degree as well as a general knowledge of the broad outlines of German language and literature and of German political, cultural, and social history, and that they are familiar with both the basic tools of study and the basic



methods of critical analysis. Transfer from the M.A. to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations.

Program Requirements

With the above as a foundation, the Ph.D. program will focus on the application of the major critical theories and the development of discipline-related expertise. The methods by which students develop this expertise may vary from one-to-one discussions and small tutorial groups to formal seminars and lectures. Students will also participate in departmental colloquia.

Whatever the format, students should be mindful of the general goal, which, in addition to their expertise in German language and literary study, is to develop their capacity for critical thinking and their ability to express their thoughts and ideas independently.

Appropriate coursework is selected in consultation with the student's supervisory committee. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

For details please see the Program (<http://cen.es.ubc.ca/graduate/>).

Master of Arts

The program of study intended as preparation for a career in teaching and/or research in German literature and provides a possible foundation for doctoral study in Germanic Studies.

As the emphasis of the M.A. is on the study of literature and literary historiography, students have the opportunity to: develop comprehensive knowledge and critical judgment of German literary history; acquire an understanding of literary texts in their aesthetic, social, political, (inter)cultural, and historical dimensions; apply a variety of critical methods and theories to the study of literary texts; and refine literary sensibilities, analytical skills, and conceptual abilities.

Admission Requirements

Students entering the M.A. program normally possess a bachelor's degree and are expected to have a high level of linguistic proficiency and a working familiarity with German literary, cultural, social, political, and intellectual history.

Program Requirements

There are two options for the M.A.:

1. The **Thesis Option** requires a 9-credit thesis, 9 credits of obligatory courses, and 12 credits of additional coursework excluding the extended research paper. At least 24 credits must be at the 500-level or above.
2. The **Course-based Option** requires 30 credits of coursework, including GERM 548. At least 24 credits must be at the 500-level or above.

For details please see the Program (<http://cen.es.ubc.ca/graduate/>).

Contact Information

Department of Central, Eastern and Northern European Studies
917-1873 East Mall
Vancouver, BC, Canada V6T 1Z1
Tel: 604.827.3550

Hillary Hurst, Graduate Program Assistant
Email: cen.es.dept@ubc.ca
Web: <http://cen.es.ubc.ca/graduate/>

Last updated: June 1, 2021

Degree Programs > Global Surgical Care

Degrees offered: MGSC

Members

Professor

Associate Professors

N.Caron, K. Mulpuri, P. O'Brien



Program Overview

The Master of Global Surgical Care (MGSC) is a program within the Faculty of Medicine.

This online two-year, 30 credit specialized program is designed to prepare surgical care professionals from many disciplines to address surgical challenges and contribute to finding solutions in low resource settings globally.

The program provides a strong foundation for present and future global surgical care professionals by developing knowledge and skills in the interpretation and use of published experience and research, balanced with applied learning in low resource settings. Students will spend four to eight weeks in an underserved location globally, producing practical “on-the-ground” skills. The location of the placement is determined by the student in consultation with a program advisor.

A blended model of practicum based learning and online teaching methods facilitate the participation of candidates from across Canada and around the world.

Admission Requirements

Applicants must meet minimum admission requirements (<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,204,340,182#18941>) established by the Faculty of Graduate and Postdoctoral Studies. Applicants should: (a) hold a health-care-related degree such as Doctor of Medicine (MD), Nursing (BSN), Midwifery (BMW), etc.; and (b) have been involved or specifically plan to be involved in surgical care programs in underserved regions globally, whether clinically, educationally, administratively or in research.

For complete application and admission information please see the MGSC program's website (<http://https://internationalsurgery.med.ubc.ca/education/graduate-programs/mgsc/>).

Applicants who do not meet the academic requirements stated above, but who have had other significant formal training, relevant professional experience, and/or otherwise possess demonstrable knowledge or expertise that would prepare them adequately for successful study in the graduate program, may be granted admission on the recommendation of the Director of the Branch for International Surgical Care and the approval of the Dean of Graduate and Postdoctoral Studies.

Applicants from a university outside Canada in which English is not the primary language of instruction must present evidence of English language proficiency prior to being extended an offer of admission. For more information, refer to the Faculty of Graduate and Postdoctoral Studies' entry in the Academic Calendar regarding English Language Proficiency Requirements. Applicants who do not meet English language proficiency requirements may be granted admission on the recommendation of the Director of the Branch for International Surgical Care and the approval of the Dean of Graduate and Postdoctoral Studies.

Transfer Credit

The transfer credit policy is outlined by the Faculty of Graduate and Postdoctoral Studies. For more information, refer to the Faculty of Graduate and Postdoctoral Studies' entry in the Academic Calendar regarding Transfer Credits (<http://calendar.ubc.ca/vancouver/index.cfm?tree=12,204,342,1529#20996>).

Program Requirements

Students will be required to complete 30 credits of SURG courses which include a 6 credit Global Surgical Care Field Practicum:

- SURG 510 (3)
- SURG 512 (3)
- SURG 514 (3)
- SURG 516 (3)
- SURG 517 (3)
- SURG 518 (3)
- SURG 542 (3)
- SURG 560 (6)
- Electives (3) Approved by the Program Director

Canadian Low Resource Settings Stream

The MGSC Canadian Low Resource Settings Stream is an interdisciplinary specialized stream. Students can choose to complete the MGSC with an intense focus on the unique issues affecting surgical care in rural and remote low resource settings in Canada.

In order to complete the MGSC Canadian Low Resource Settings Stream, students must declare their interest in completing the stream to the Program Director upon entry into the program and must complete the following requirements:

- SURG 560 (6) – Global Surgical Care Field Practicum must be completed in Canada
- SURG 542 (3) – Topic selected for Directed Study in Global Surgical Care must be closely connected to Canada and approved by the Program



Director as an appropriate topic for the Canadian Low Resource Settings Stream

Satisfactory progress as defined by the Faculty of Graduate and Postdoctoral Studies for Master's students must be maintained. Students must complete their requirements within 5 years of starting the program. For more information, refer to the Faculty of Graduate and Postdoctoral Studies' entry in the Academic Calendar regarding Academic Progress (<http://calendar.ubc.ca/vancouver/index.cfm?tree=12,204,342,615#6857>).

Contact Information

Branch of International Surgical Care, Department of Surgery
Room 11135 – 2755 Laurel Street, Diamond Health Care Centre
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Tel: 604.875.4111, ext. 23110
Email: surgery.international@ubc.ca
Web: <http://internationalsurgery.med.ubc.ca>

Last updated: June 1, 2021

Degree Programs > Health, Outdoor and Physical Education

Degrees Offered: M.A., M.Ed.

Members

Assistant Professor

S. Forde, L. Petherick.

Program Overview

The graduate programs (M.Ed. and M.A.) in Health, Outdoor and Physical Education (HOPE) are part of the graduate offerings in the Department of Curriculum and Pedagogy. The Health, Outdoor and Physical Education (HOPE) program will appeal to elementary, middle, and secondary school educators with interests in: integrated and thematic approaches to curriculum and pedagogy; development and evaluation of outdoor environmental, leadership or experiential education programs; active living, health promotion and wellness; movement education concepts; teaching games for understanding; inclusive models of education and issues of equity and social justice. Students interested in secondary physical education, sport-specific instruction, or coaching might also want to consider the graduate programs within the School of Kinesiology, but are encouraged to inquire with EDCP as well.

Part-time and full-time study options are offered.

Master of Arts

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Studies requirements, the program normally requires:

1. 18 credits of senior coursework or a professional concentration in the area of interest, and
2. two years of teaching experience or other relevant professional experience.

Program Requirements

The Program consists of 30 credits. At least 15 credits must be at 500-level or above. A total of 6 credits may be taken at the 300- or 400-level. A thesis, normally 9 credits, is included.

Master of Education

Admission Requirements

Same as for the M.A.

Program Requirements

M.Ed. program consists of a minimum of 30 credits. A maximum of 6 credits may be taken at the 300- or 400-level. Students select either a program consisting entirely of courses (for example, ten 3-credit courses) or a program of 27 credits of coursework plus a graduating project (3 credits).

Contact Information



Department of Curriculum and Pedagogy
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Web: www.edcp.educ.ubc.ca (<http://www.edcp.educ.ubc.ca>)
Alan Jay, Graduate Program Assistant

Last updated: June 1, 2021

Degree Programs > Higher Education

Degrees Offered: M.Ed.

Members

Professors

L. Andres, A. Metcalfe.

Professors Emeriti

H. Schuetze.

Assistant Professor

S. Stein.

Program Overview

The Higher Education graduate program at UBC focuses on the study of institutions of higher education and their members, activities, and policies. The program draws on such disciplines and fields as history, philosophy, sociology, economics, political science, psychology, law, and administrative studies.

The Higher Education graduate program offers a Master of Education (M.Ed.) in Higher Education. The Master of Arts (M.A.) in Educational Studies program also offers a concentration in Higher Education. Both M.Ed. and M.A. programs are also available as part-time studies.

Students wishing to pursue doctoral research in the field of Higher Education can do so as part of a Doctor of Philosophy (Ph.D.) in [Educational Studies](#) or a Doctor of Education (Ed.D.) in [Educational Leadership and Policy](#).

Program Requirements

Master of Education

The M.Ed. in Higher Education is a 30-credit program designed for professionals in education whose primary focus is understanding and improving postsecondary educational practice.

Students enrolled in the M.Ed. in Higher Education program must complete:

- 9 credits of required coursework
- 3 credits of research methods coursework
- 15 credits of electives and a 3-credit graduate project/paper OR 18 credits of electives

Contact Information

Departmental of Educational Studies
Education Centre at Ponderosa Commons
6445 University Boulevard
Vancouver, BC, Canada V6T 1Z2
Tel: 604.822.6647
Fax: 604.822.4244
Email: grad.edst@ubc.ca
Web: <http://edst.educ.ubc.ca/programs/higher-education/> Graduate Program Assistant

.....



Degree Programs > Hispanic Studies

Degrees Offered: Ph.D., M.A.

Members

Associate Professors

R. Alvarez-Moreno, J. Beasley-Murray, K. Beauchesne, M. S. Fernández Utrera, A. Santos.

Assistant Professors

A. Casas Aguilar, E. Lagresa-González, T. Mitchell, R. A. Victoriano-Martínez, G. Zhang.

Program Overview

The graduate program in Hispanic Studies offers opportunities for advanced study in the literatures of Spain and Spanish America, leading to the Ph.D and to the M.A. (with or without thesis).

The UBC Library has extensive holdings in all areas of Hispanic studies, with particularly strong holdings in periodicals and Latin-American studies, in both Spanish and Portuguese. The Department has a reading room for graduate students, containing basic texts, scholarly collections, and reference works.

The program makes available a list of courses to be offered as early as possible, usually in February of the preceding academic year.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess an M.A. degree in Hispanic Studies or a related area, with clear evidence of research ability or potential. Transfer from the M.A. to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies and the Department of French, Hispanic and Italian Studies.

Part-time Doctoral Classification is also available. Students who wish to be classified as part-time must obtain approval from their proposed supervisor and graduate program advisor as part of the admission process.

Program Requirements

The program may be pursued by full- or part-time students.

The Ph.D. program consists of coursework, a qualifying examination, a comprehensive examination, the PhD thesis proposal defense, and research leading to a dissertation that is defended in a final oral examination. For details on regulations, visit the Department (<http://fhis.ubc.ca/graduate-studies/graduate-program-in-hispanic-studies/ph-d-in-hispanic-studies>).

Master of Arts

Admission Requirements

Students admitted to the M.A. degree program normally possess a B.A. degree in Hispanic Studies or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

There are two options for the M.A.:

- **M.A. with Thesis.** This option requires 24 credits of coursework numbered 500 and above in Spanish and a 6-credit thesis followed by an oral thesis defense.
- **Course-based M.A.** This option requires 30 credits of coursework, up to 3 of which may be drawn from 400-level undergraduate courses in Spanish.

Contact Information



Department of French, Hispanic and Italian Studies
715-1873 East Mall
Vancouver, BC, Canada V6T 1Z1
Tel: 604.822.0016
Email: fhis.grad@ubc.ca
Web: www.fhis.ubc.ca (<http://www.fhis.ubc.ca>)
Carol Schoenfeld, Graduate Student Support

Last updated: June 1, 2021

Degree Programs > History

Degrees Offered: Ph.D., M.A.

Members

Professors

T. Brook, T. Cheek, E. Glassheim, T. Loo, T. Myers, G. Peterson, P. Raibmon, C. Thrush, J. Wang.

Associate Professors

C. Booker, R. Brain, J. Byrne, J. Dixon, M. Ducharme, W. French, L. Ishiguro, A. Kojevnikov, S. Lee, R. Menkis, B. Miller, A. Murphy, L. Paris, S. Prange, J. Roosa, L. Shin, H. Tworek, H. Yu.

Assistant Professors

B. Bryce, J. Christopoulos, J. Hanser, K. McCormick, D. Morton.

Program Overview

The Department of History offers Ph.D. and M.A. programs, each requiring a dissertation/thesis, in the fields of Asian, Canadian, First Nations, British and European (early modern and modern), U.S., Latin American, and Environmental History and in the History of Science.

In addition to defining fields regionally, the Department emphasizes thematic, interdisciplinary, and transnational approaches to the study of the past. The following thematic research clusters highlight the interests and expertise of departmental members:

- History of Science, Technology, and Medicine
- Global History, Maritime History, and the History of Empire
- First Nations, Aboriginal, and Indigenous History
- Environmental History
- Ethnicity, Race, and Nationalism
- Religion
- Gender, Sexuality, and the Body
- International Relations
- Culture/Power/History
- Children and Youth
- Migration, Borderlands, and Transnational History
- Politics, Political Culture, and State Power
- Law and Society
- Communities

UBC library has extensive holdings that facilitate graduate research. Holdings include: government publications; state papers; newspapers; extensive collections of early modern European pamphlets and literature; and one of the leading research libraries for East Asian Studies in North America. The library also contains notable collections of books on the history of the American West, of Canada (one of the best in Canada, with large sections on BC and the Prairie West), international relations, Germany (the best in Canada), radical movements in Europe and North America, and medicine, science, and technology (Woodward Library).

For detailed information on the Ph.D. and M.A. programs, please visit the Department (<http://www.history.ubc.ca>).

Doctor of Philosophy

Admission Requirements



Prerequisites for admission to the Ph.D. program include a master's degree (or equivalent) in History. In certain cases others may also be eligible to apply. Transfer from the M.A. to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations. Consult the Department (<http://www.history.ubc.ca>) for details.

Program Requirements

The Ph.D. program consists of 12 credits of coursework, an additional seminar in Historiography (unless this has already been completed at the graduate level and approved by the department), a teaching and professional development workshop, comprehensive examinations in two fields, one based on area and period and the other thematic, a language requirement, and a dissertation proposal. The major requirement for the Ph.D. is completion of a research dissertation meeting Faculty of Graduate and Postdoctoral Studies requirements.

Master of Arts

Admission Requirements

Prerequisites for admission to the M.A. program include, but are not limited to, a four-year B.A. with History honours or History major. Consult the Department (<http://www.history.ubc.ca>) for details.

Program Requirements

The M.A. program consists of 18 credits of coursework and a 40-page thesis.

Emphasis in Science and Technology Studies for Doctoral and Masters Students

Both the Ph.D. and M.A. in History offer students an opportunity to focus a portion of their studies towards an emphasis in Science and Technology Studies (STS). The STS emphasis offers opportunities for advanced research and study of scientific work and thought from a variety of perspectives associated with the humanities and social sciences. Students in the STS emphasis are required to take STS 501 (3), STS 502 (3), and STS 597 (M.A.) or STS 598 (Ph.D.).

For more information on the STS emphasis, please see the STS Webpage (<http://sts.arts.ubc.ca/>).

Contact Information

Department of History
1297-1873 East Mall
Vancouver, BC, Canada V6T 1Z1
Tel: 604.822.6070
Fax: 604.822.6658
Email: hist.grad@ubc.ca
Web: www.history.ubc.ca (<http://www.history.ubc.ca>)
Jason Wu, Graduate Student Support

Last updated: June 1, 2021

Degree Programs > Home Economics Education

Degrees Offered: M.A., M.Ed.

Members

Associate Professors

K. Renwick.

Program Overview

The graduate programs (M.Ed. and M.A) in Home Economics are part of the graduate offerings in the Department of Curriculum and Pedagogy. Graduate studies involve areas of shared interest in research and practice with colleagues throughout the Faculty of Education and related units across campus. Interests include global education, critical inquiry, food, health, environment, and inquiry into practice.

Part-time and full-time study options are available.

Master of Arts

Admission Requirements



In addition to the Faculty of Graduate and Postdoctoral Studies requirements, the program normally requires:

1. 18 credits of senior coursework or a professional concentration in the area of interest, and
2. two years of teaching experience or other relevant professional experience.

Program Requirements

The Program consists of 30 credits, of which at least 15 must be 500-level or higher. A total of 6 credits may be taken at the 300- or 400-level. A thesis, normally 9 credits, is included.

Master of Education

Admission Requirements

Same as for the M.A.

Program Requirements

The M.Ed. program consists of a minimum of 30 credits, of which 24 must be at the 500-level. A total of 6 credits may be taken at the 300- or 400-level. Students select either a program consisting entirely of courses (for example, ten 3-credit courses), or 27 credits of coursework plus a 3-credit graduating project.

Contact Information

Department of Curriculum and Pedagogy
2125 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.5367
Email: edcp.grad@ubc.ca
Web: www.edcp.educ.ubc.ca (<http://www.edcp.educ.ubc.ca>)
Alan Jay, Graduate Program Assistant

Last updated: June 1, 2021

Degree Programs > Human Development, Learning, and Culture

Degrees Offered: Ph.D., M.A., M.Ed.

Members

Professors

D. Butler, S. Hymel, N. Perry, K. Schonert-Reichl, J. Shapka, J. Vadeboncoeur.

Associate Professors

L. Ford, B. Weber.

Program Overview

The Human Development, Learning, and Culture (HDLC) program at UBC addresses the interface of research and practice in education, weaving together theoretical models and concepts in their application to real world educational issues. Investigations of learning and development, including the unique contributions of culture to these processes, are applied to a wide range of contexts including classroom, afterschool, work, and technological contexts. This work is interpreted through a variety of theoretical lenses (e.g., cognitive, sociocultural, and social and emotional development). Students are encouraged to participate in research opportunities throughout their program.

Coursework emphasizes three primary areas: a) learning and development; b) culture and diversity; and c) research methods, including qualitative and quantitative, experimental and developmental. HDLC graduates have found careers in a variety of settings including university teaching and research, social policy analysis, curriculum and program evaluation, schools and community organizations, and non-governmental organizations (NGOs).

Doctor of Philosophy

Admission Requirements



Applicants must satisfy the general academic requirements of the Faculty of Graduate and Postdoctoral Studies, and have completed a thesis-based master's degree equivalent to the HDLC M.A. program with an overall average of at least 80%. In exceptional circumstances, students may need to complete some required prerequisites prior to being considered for admission to the program. Transfer from the M.A. to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies.

Part-time Doctoral Classification is also available. This must be approved at the point of admission
<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,204,341,187>

Program Requirements

Doctoral students are expected to acquire a broad background within the field of educational psychology including a basic knowledge of theories, principles of learning and development, an understanding of developmental processes in the cognitive, social, emotional and cultural domains, an understanding of individual differences and diversity, as well as familiarity with current quantitative and qualitative approaches to research. In addition to core course requirements, coursework is determined on an individual, case-by-case basis in an individualized program of graduate studies developed by the student in consultation with his/her faculty advisory committee.

Assuming an appropriate background at the master's level, including courses equivalent to the required courses in the HDLC M.A. program, students are required to take two to four HDLC content area courses at the advanced level (500- and 600-level), and at least one course (3 credits) from outside HDLC that is relevant to the primary area of specialization. Students must also complete at least two advanced courses in research methodology (qualitative and/or quantitative) in addition to those research methods courses required for the HDLC M.A. (or equivalent). See program area website for specific information on courses. In addition, students must pass a comprehensive examination to demonstrate breadth and depth of knowledge in the field. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Arts

Admission Requirements

Applicants must satisfy the general academic requirements of the Faculty of Graduate and Postdoctoral Studies. Applicants should have successfully completed an undergraduate degree and have adequate background in learning and development-related courses in Psychology, Anthropology, Education, and/or related disciplines (e.g., Social and/or Health Sciences) or equivalent experience as determined by the HDLC admissions committee. EPSE 481 Introduction to Research in Education (or equivalent) and EPSE 482 Introduction to Statistics for Research in Education (or equivalent) are required prerequisites for M.A. applicants.

Program Requirements

Students in the 30-credit HDLC Master of Arts (M.A.) program are required to take three core courses: EPSE 501, 503, and 505, plus three elective courses either within the HDLC area or outside the area, selected in consultation with the student's advisory committee. Two methodology courses – one in quantitative methods and one in qualitative methods – are also required. In addition, students are required to complete a thesis (EPSE 599 for a total of 6 credits). See program area website for specific information on courses.

For B.C. teachers, the Teacher Qualification Service requires a capstone experience, satisfied in this program through the completion of the thesis.

Master of Education

Admission Requirements

Applicants must satisfy the general academic requirements of the Faculty of Graduate and Postdoctoral Studies. Applicants should have successfully completed an undergraduate degree and have adequate background in learning and development-related courses in Psychology, Anthropology, Education and/or related disciplines (e.g., Social and/or Health Sciences) or equivalent experience as determined by the HDLC admissions committee.

Program Requirements

Students in the 30-credit HDLC M.Ed. program are required to take three core courses: EPSE 501, 503, and 505, plus nine credits of electives within the HDLC area and nine credits of additional electives within or outside the area, selected in consultation with the student's advisory committee. See program area website for specific information on courses.

At the end of the program, students participate in a required 3 credit Graduating Seminar that is designed as a "capstone experience" bringing together students' goals, objectives, accomplishments, and experiences throughout the program in the development of a professional portfolio and a culminating presentation.

For B.C. teachers, the Teacher Qualification Service requires a capstone experience satisfied in this program through the Graduating Seminar (EPSE 590).

Contact Information

Department of Educational & Counselling Psychology & Special Education
2125 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.5351



Fax: 604.822.3302
Email: lee.smith@ubc.ca
Web: www.ecps.educ.ubc.ca (<http://www.ecps.educ.ubc.ca>)
Lee Smith, Graduate Programs Support

Last updated: June 1, 2021

Degree Programs > Human Nutrition

Degrees Offered: Ph.D., M.Sc.

Members

Professors Emeritus

S. I. Barr.

Associate Professors

J. Black, A. Devlin, R. Elango, Y. Lamers, Z. Xu.

Assistant Professors

T. Cohen, A. Conklin, M. Jessri, C. Karakochuk, R. A. Murphy, B. Stefanska.

Program Overview

The Graduate Program in Human Nutrition in the Faculty of Land and Food Systems offers opportunities for advanced study and original investigations in basic and applied human nutrition at both the master's and doctoral levels. The curriculum includes coursework and thesis/dissertation research through laboratory or field work in a variety of areas relevant to human nutrition including nutrient metabolism, diet and disease, nutrition through the life cycle, and nutrition behaviours.

The program is enriched through collaboration with colleagues in graduate programs such as Applied Animal Biology, Food Science, Medicine, Nursing, Pharmaceutical Sciences, and others.

Coursework selected in consultation with the student's supervisory committee includes graduate courses in human nutrition and from other areas relevant to each student's research.

Research facilities are housed both within the Family and Nutritional Sciences (FNS) Building and, on a shared basis, in other buildings on campus. Within the FNS Building, the research facilities include various modern analytical laboratories and other equipment for conducting biochemical and basic molecular biological research, and computers for conducting dietary and qualitative data analysis.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. program must meet the Faculty of Graduate and Postdoctoral Studies' [Admission Requirements](#). Transfer from the M.Sc. to the Ph.D. program is permitted by Faculty of Graduate and Postdoctoral Studies regulations.

Program Requirements

The Ph.D. program requires completion of HUNU 500 and HUNU 631. Additional coursework will be selected in consultation with the student's supervisory committee. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Students admitted to the M.Sc. program must meet the Faculty of Graduate and Postdoctoral Studies' master's degree Admission Requirements (<http://grad.ubc.ca/apply/how/require.asp>).

In addition, required prerequisite courses include biochemistry, human or vertebrate physiology, and advanced nutrition. A minimum of 3 credits (three hours per week, for one academic term) is required in each of biochemistry and physiology, and a minimum of 12 credits is required in nutrition. These prerequisite courses must be completed at the third- or fourth-year level. Students without a background in nutrition, or with less than 12 credits of



undergraduate courses in nutrition, may apply to the program. However, if admitted, they will be required to take the missing credits of third- or fourth-year nutrition courses early in the graduate program, in addition to the usual M.Sc. course requirements.

Program Requirements

The M.Sc. program requires completion of a minimum of 30 credits, including a 18-credit research thesis and at least 12 credits of coursework. HUNU 500, 531, and at least one other 500-level HUNU graduate course are required of all students in the M.Sc. program. A student's supervisory committee may require more than the minimum credits.

Contact Information

Admission & Administrative Coordinator
Faculty of Land and Food Systems
291-2357 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.8373
Fax: 604.822.4400
Email: lfs.gradapp@ubc.ca
Web: www.landfood.ubc.ca/graduate/human-nutrition-msc-phd/ (<http://www.landfood.ubc.ca/graduate/human-nutrition-msc-phd/>)

Last updated: June 1, 2021

Degree Programs > Indigenous Education

This program is pending final approval by the Ministry of Advanced Education and Skills Training.

Degree Offered: M.Ed.

Program Overview

This graduate program in Indigenous Education recognizes the need for transformative change. It is intended for teachers, educational administrators and leaders, Indigenous community members, or other professionals in formal and informal education settings who want in-depth preparation on K-12 Indigenous educational frameworks, theories, policies, curricular approaches, and community or parental relationships that build upon Indigenous knowledge systems.

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Studies requirements, the program normally requires a completed four-year bachelor's degree with a minimum overall average of B+ (at UBC 76%) in third- and fourth-year courses. Preference is given to those with two years of teaching or equivalent experience working with Indigenous communities, non-governmental organizations, or other education-oriented environments.

Program Requirements

The Master of Education in Indigenous Education consists of a minimum of 30 credits, of which 24 credits must be at the 500-level. A maximum of 6 credits can be taken at the 300- or 400-level.

The program is offered through blended delivery normally takes 28 months of consecutive study.

The following 7 courses (21 credits) are required:

EDST 591: *Indigenous Epistemology and Curriculum* (3 credits)
LLED 513: *Indigenous Storytelling in Education* (3 credits)
EDCP 532: *Theories and Dimensions of Place- Based Education: Ecohumanist, Critical, and Indigenous Lenses* (3 credits)
EDUC 500: *Research Methods in Education - Indigenous Emphasis* (3 credits)
EDST 545: *Indigenous Inquiry and Research* (3 credits)
ETEC 521: *Indigeneity, Technology, and Education* (3 credits)
One of EDST 590, LLED 590, or EDCP 590: *Graduating Paper* (3 credits)

Recommended electives (9 credits) include the following:

EDCP 539: *Narrativity, Ecopedagogy and Indigeneity* (3 credits)
EDST 505: *First Nations and Educational Change* (3 credits)
EDST 546: *Indigenous Methodology and Epistemology* (3 credits)
LLED 527: *Materials Development for Indigenous Language Learning & Teaching* (3 credits)
EDUC 440: *Aboriginal Education in Canada* (3 credits)
FNEL 480: *Endangered Language Documentation and Revitalization* (3-12 credits)



FNEL 380: *Technologies for Endangered Language Documentation and Revitalization* (3 credits)
EDUC 442: *Critical Issues in Indigenous Education* (1-3 credits)

Contact Information

Dr. Jan Hare
Associate Dean for Indigenous Education
Faculty of Education
2125 Main Mall
Vancouver, BC, Canada V6T 1Z4
indigenous.education@ubc.ca

Last updated: June 4, 2021

Degree Programs > Individual Joint Doctoral Programs

Degrees Offered: Ph.D., Ed.D., D.M.A.

UBC offers the ability for individual students to enter a collaborative academic program of scholarship & research, which is jointly designed, supervised and examined by faculty from UBC *and* another university. An Individual Joint Doctoral program is a *single doctora* degree (a Ph.D., an Ed.D., or a D.M.A.) jointly awarded by the two universities. Each joint doctoral program is based on an existing Ph.D., Ed.D., or D.M.A. program at UBC, but is individually developed and customized for a particular student in collaboration with another university.

The academic and research program of a student enrolled in an Individual Joint Doctoral Program should be based on ongoing or developing research collaboration between research groups in the two participating universities and may also reflect an active collaboration between two universities that are part of a network. The student is expected to spend significant periods of time engaged in academic work at each university.

The student is enrolled in a specific graduate program at each university. The university of the student's principal supervisor will be designated as their "lead" university.

Individual Joint Doctoral degree arrangements should be established from the outset of the student's enrolment at UBC. Enrolment in a Joint Doctoral degree will not normally be allowed after the student has advanced to doctoral candidacy at UBC.

Admission Requirements

Students wishing to pursue a joint doctoral degree must be recommended for admission by a specific doctoral program at UBC. Students must satisfy the admission requirements of - and be admitted by - both universities.

Program Requirements

Each Individual Joint Doctoral Program will require a reciprocal written agreement between the two collaborating universities, which outlines the specific details of the academic program that the student will be required to complete. The agreement must specify arrangements related to the assignment and monitoring of supervision, required coursework, comprehensive examination, dissertation requirements including the language, length and format of dissertation, oral defense, and submission of final dissertation. The academic program must satisfy all doctoral requirements at each university.

The agreement must also specify additional responsibilities and regulations, such as the administration of student admission, enrolment, progression and graduation, provision of funding and infrastructure support, charging of tuition and other fees, intellectual property guidelines, maximum duration of program, misconduct and appeals processes, and the format and wording of transcripts and degree certificates.

The written agreement is signed at each university by the academic vice-president, the dean of graduate studies, and dean of the faculty in which the student is enrolled (or equivalent positions).

Contact Information

A student wishing to pursue an Individual Joint Doctoral Program should inquire within a specific graduate program about the possibility of doing so.

General information about Individual Joint Doctoral programs can be obtained from:

UBC Faculty of Graduate and Postdoctoral Studies
180-6371 Crescent Road
Vancouver, BC, Canada V6T 1Z2
Tel: 604.822.2848
Fax: 604.822.5802
Email: graduate.sas@ubc.ca
Web: www.grad.ubc.ca (<http://www.grad.ubc.ca>)



Degree Programs > Interdisciplinary Oncology

Degrees Offered: Ph.D., M.Sc.

Members

Professors Emeritus

R. K. Humphries, D. McKenzie, D. G. Moerman

Professors

S. Aparicio, M. Bally, F. Benard, A. Brooks-Wilson, C. Brown, M. Burgess, S. Dedhar, C. Eaves, M. Gleave, P. Hieter, R. Holt, D. Huntsman, X. Jiang, S. Jones, A. Karsan, D. Kitts, S. Lam, W. Lam, C. Lovato, M. Marra, K. McNagny, B. Nelson, T. Nielsen, C. Roskelley, K. Schultz, P. Sorensen, C. Steidl, F. Takei, S. Thorne, Y. Wang, A. Weng, H. Zeng, A. Zoubeidi.

Associate Professor Emeritus

W. Jia.

Associate Professors

J. Baumbusch, K. Bennewith, K. Campbell, M. Cox, X. Dong, C. Garnis, M. Hirst, T. Lee, G. Morin, C. Ong, A. Rahmim, A. So, Z. Xu.

Assistant Professors

L. Evgin, K. Haase, A.F. Howard, R. Murphy.

Program Overview

The Interdisciplinary Oncology Program offers advanced study and research in a variety of fields relating to oncology. The focus on interdisciplinarity is accomplished through a breadth of coverage in the following disciplines: molecular and cellular biology, genetics, biophysics, bioinformatics, pharmaceutical sciences, radiological sciences, immunology, socio-behavioural studies, and epidemiology. The goal of the Program is to provide graduate students from diverse backgrounds with an education in a number of disciplines relating to oncology, and to provide opportunities for intensive training in specialized aspects of oncology through thesis/dissertation research.

Doctor of Philosophy

Admission Requirements

Admission to the Ph.D. program requires an M.A., M.Sc., M.D., or equivalent degree from a recognized institution. Applicants to the program are required to seek their own research supervisor and must have a commitment from that supervisor in place before acceptance to the Program is considered.

Program Requirements

The Ph.D. program consists of coursework and a research dissertation. Coursework must include the core courses (ONCO 502 and 510) plus any elective courses deemed necessary by the student's supervisor and supervisory committee. Students entering the Ph.D. program without a master's degree must complete a minimum of 18 credits of coursework (including ONCO 502 and 510), in addition to any elective courses that the student's supervisor and supervisory committee deem necessary. While most electives should be at the 500-level or higher, a maximum of 6 credits may be at the 300- or 400-level. All Ph.D. students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Admission to the M.Sc. program requires a B.A., B.Sc., M.D., or equivalent degree from a recognized institution. Applicants to the program are required to seek their own research supervisor and must have a commitment from that supervisor in place before acceptance to the program can be considered.

Program Requirements

The M.Sc. program requires 18 credits of coursework plus a 12-credit research thesis, for a total of 30 credits. Coursework must include the core courses



(ONCO 502 and 510) as well as electives chosen by the student in consultation with the research supervisor and supervisory committee. Most electives should be at the 500-level or higher but up to 6 credits may be at the 300- or 400-level.

Contact Information

Dr. Wan Lam and Dr. Kevin Bennewith, Co-Directors
Sharon Ruschkowski, Administrator
Tel: 604.707.5803 Email: sharonr@bcgsc.ca
Web: www.iop.ca (<http://www.iop.ca>)

Last updated: June 4, 2021

Degree Programs > Interdisciplinary Studies

Degrees Offered: Ph.D., M.A., M.Sc.

Members

Due to the interdisciplinary nature of this program, a list of faculty is not available. Members of the Faculty of Graduate and Postdoctoral Studies in other programs are eligible to serve as supervisors of students in the Interdisciplinary Studies Graduate Program, based on the student's chosen area of research.

Program Overview

The Faculty of Graduate and Postdoctoral Studies encourages the realignment of traditional disciplines into new patterns, and crossing departmental and faculty boundaries to foster the development of new areas of research!

Interdepartmental and inter-faculty groupings are usually able to guide students in setting up disciplinary programs. Where no established degree program exists, a student may request admission into a special individual interdisciplinary program administered by a supervisory committee representing the various disciplines involved.

In the program as it now exists, the prospective student has to bring together three or four qualified faculty from different departments or units. Because there are no constraints on which fields are brought together, there are virtually no two students in the same subfield.

Research topics in this program have included, for example:

- Nisga'a Architecture and Landscapes: Ecological Wisdom and Community-led Design (involving the Schools/Departments of Architecture, Landscape Architecture, Forest Ecology, Environmental Studies, Ethnobotany, and Nisga'a House of Wisdom)
- Matters of Life and Death in the Neonatal Intensive Care Nursery: Decision Making for the Not Yet Competent (involving the Departments of Pediatrics, Comparative Religion, Medical Anthropology, and Bioethics)
- Red Rhetorics: Politics, Polemics and the Marx-Machine (involving the Departments of English, Germanic Studies, and Philosophy)
- Multicultural Practices of Canadian Immigrant Youth: 'A Work in Progress' (involving the Departments of Educational Studies, English, and Anthropology)

Interdisciplinary Studies, in collaboration with the Media and Graphics Interdisciplinary Centre (Calendar page: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=10,318,0,0#24117>), offers a specialization in Human-Computer Interaction.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess a master's degree, with clear evidence of research ability or potential. Transfer from the master's to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations.

Program Requirements

Students are strongly advised to form their Supervisory Committees by the end of their second term of enrolment in the degree. The Committee must be approved by the fourth term of study. Annual progress reports are required from the Supervisory Committee and from the student. Comprehensive exams are mandatory for Ph.D. programs. In order to advance to candidacy, students must also defend a dissertation prospectus. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Full details of the application process and program information are available from the Program (<http://www.isgp.ubc.ca>).

Master of Arts



Admission Requirements

Students admitted to the M.A. degree program normally possess a bachelor's degree, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

Coursework is decided in consultation between the student and their Supervisory Committee. Course enrolment requires formal approval. 30 credits of coursework are required to complete the M.A. degree, including a master's thesis. There is no oral examination required for the master's thesis.

Full details of the application process and program information are available from the Program (<http://www.isgp.ubc.ca>).

Master of Science

Same as for the M.A.

Contact Information

Interdisciplinary Studies Graduate Program
270, 2357 Main Mall
H. R. MacMillan Building
Vancouver, BC Canada V6T 1Z4
Tel: 604.822.0954
Fax: 604.822.0470
Email: isgp.office@ubc.ca
Web: www.isgp.ubc.ca (<http://www.isgp.ubc.ca>)
Enid Ho, Administrative Assistant

¹ This program is located within the Faculty of Graduate and Postdoctoral Studies.

Last updated: June 4, 2021

Degree Programs > Journalism

Degree Offered: M.J.

Members

Professor

A. Hermida, P. W. Klein, M. L. Young.

Associate Professors

C. Callison.

Program Overview

The mission of the School of Journalism, Writing, and Media is to achieve the highest professional standards in journalism through instruction in journalistic practice and the scholarly understanding of journalism, critical thinking, and teaching of ethical responsibility. By combining advanced journalism practice and theory with academic studies at the graduate level, the program not only enhances advanced journalism, but also improves the information base and scholarly preparation of students for journalistic writing in their specialty subject areas. The program serves the profession of journalism and brings developments in many areas of academic investigation to a wider reading public. Workshops, seminars, tutorials, conferences, internships, and publications deal with reportage as well as major issues, theories, and developments in the field of journalism. Emphasis is placed on the writing of journalism, on the historic evolution of journalism as a profession, ethics and journalism, on journalism and the legal system, and on the role and character of journalism in a changing society.

For more information, please visit the School (<http://www.journalism.ubc.ca>) and the online publication, *TheThunderbird.ca* (<http://thethunderbird.ca/>).

Master of Journalism

Admission Requirements

Applicants with journalism experience must submit an extensive sample of their professional work; those without such experience will be selected on the basis of a manuscript of original writing that meets the standard of the peer group selected for entry into the program. The admissions panel will assess the



applicant's potential for satisfactory performance in the program and for potential creative and constructive contribution to the profession.

Applicants for admission to the Master of Journalism program must possess a four-year baccalaureate degree in a discipline or interdisciplinary area regarded by the Admissions Committee as appropriate for the program. Only applicants with superior performance at the baccalaureate level and appropriate journalism knowledge and experience will be admitted. Applicants will be required to indicate their intended academic specialty at the time they apply. Because the number of applicants greatly exceeds the number of places available, a record that satisfies basic entrance requirements does not guarantee admission to the program. Registration in graduate seminars in the academic specialty will be subject to the approval of the Director.

Applicants must meet the admission requirements of the Faculty of Graduate and Postdoctoral Studies. International applicants who do not hold a bachelor's degree from an institution where English is the language of instruction will be required to submit a TOEFL score of 104 (615 paper) or more, or the equivalent score on another accepted English proficiency exam.

Program Requirements

The program is designed for both persons with extensive journalistic experience, and for those who do not have such experience but who demonstrate superior writing and research ability on par with the peer group.

Because students' backgrounds vary, the number of credits required for the Master of Journalism degree will be determined in consultation with the Director. The number of credits will never be less than 36, and must include courses from each of the five core areas:

- Journalism Practice
- Media Studies
- Directed Studies
- Research and Writing
- Academic Studies Outside Journalism

The number of credits may, but not necessarily, include either an academic thesis (JRNL 549) or a journalistic project (JRNL 548).

At least 9 credits must be in academic studies outside Journalism, with a maximum of 3 credits only at the undergraduate level in courses numbered between 300 and 499. At least 27 credits must be in the other four core areas and either the thesis or final research project, or additional courses amounting to 6 credits. The majority of M.J. candidates will usually complete 42 credits for the degree. Coursework and an approved number of credits for the degree must be determined in consultation with the Director.

Contact Information

School of Journalism, Writing, and Media
6388 Crescent Road
Vancouver, BC, Canada V6T 1Z2
Tel: 604.822.6688
Fax: 604.822.6707
Email: jrnjournal@ubc.ca
Web: www.journalism.ubc.ca (<http://www.journalism.ubc.ca>)
Attn: Journalism Graduate Support Clerk

Last updated: June 4, 2021

Degree Programs > Kinesiology

Degrees Offered: Ph.D., M.A., M.Sc., M.Kin., M.H.P.C.T.L.

Members

Professors Emeriti

I. Franks, D. McKenzie, R. Sparks.

Professors

M. Beauchamp, J.S. Blouin, R. Boushel, M. Carpenter, R. Chua, P. Crocker, G. Faulkner, N. Hodges, L. Hurd, T. Inglis, K. Khan, M. Koehle, T. Lam, W. Sheel, P. Vertinsky, D. Warburton, B. Wilson.

Associate Professors

S. Bredin, E. Puterman.



Assistant Professors

A. Bundon, C. Mitchell, M. Norman.

Program Overview

The School of Kinesiology offers graduate students original investigations (M.A., M.Sc., Ph.D.) and advanced study (M.Kin.) in biological, behavioural, and socio-cultural research in Kinesiology. Students entering the M.A. program are normally expected to have a background in social sciences, while students applying to the M.Sc. program are expected to have a background in the natural or health sciences. Potential M.Kin. students are required to have a B.Kin. or its equivalent.

The School has excellent research facilities and graduate students work alongside some of the top researchers in the field of Kinesiology. This program follows a mentorship model and admission requires a faculty member to agree to act as a research supervisor. Applications meeting the minimum eligibility requirements are forwarded to potential supervisors identified by the applicant, and the recommendation for admission is made by individual faculty members.

Doctor of Philosophy

Admission Requirements

The Ph.D. program is governed by the general requirements of the Faculty of Graduate and Postdoctoral Studies. Admission to the program normally requires a thesis-based master's degree in Physical Education, Kinesiology, or other related field of study, along with appropriate undergraduate and graduate coursework. Applicants with an undergraduate or graduate degree in a non-kinesiology program may be considered for admission, particularly if they have a strong background in kinesiology.

Part-time Doctoral Classification is also available. Students who wish to be classified as part-time must obtain approval from their proposed supervisor and graduate program advisor as part of the admission process.

Program Requirements

Coursework is selected in consultation with the student's supervisory committee.

All doctoral students are required to complete a comprehensive examination successfully. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Arts

Admission Requirements

Admission requires a First Class standing (80% or above) in at least 12 credits of coursework relevant to the chosen program of study, and at least an upper Second Class standing (76% or higher) in all third- and fourth-year level courses.

Program Requirements

The M.A. degree in Kinesiology requires students to complete 30 credits. A maximum of 3 of the required 30 course credits may be taken at the 300- and 400- undergraduate level. At least 27 credits must be in courses numbered 500 or higher. These will include a Kinesiology Methodology course (either KIN 570 or KIN 571, 3 credits) and the Master's Thesis (KIN 599, 18 credits). A maximum of 3 credits of KIN 530 Directed Studies can be taken for credit towards the degree.

Master of Science

Admission Requirements

Admission requires a First Class standing (80% or above) in at least 12 credits of coursework relevant to the chosen program of study, and at least an upper Second Class standing (76% or above) in all third- and fourth-year level courses.

Program Requirements

The M.Sc. degree in Kinesiology requires students to complete 30 credits. A maximum of 3 of the required 30 course credits may be taken at the 300- and 400- undergraduate level. At least 27 credits must be in courses numbered 500 or higher. These will include a Kinesiology Methodology course (either KIN 570 or KIN 571, 3 credits) and the Master's Thesis (KIN 599, 18 credits). A maximum of 3 credits of KIN 530 Directed Studies can be taken for credit towards the degree.

Master of Kinesiology

Admission Requirements



Admission to the program requires a First Class standing (80% or above) in at least 12 credits of coursework relevant to the chosen program of study, and at least an upper Second Class standing (76% or above) in all third- and fourth-year level courses.

Applicants are normally expected to have a Bachelor of Kinesiology or its equivalent.

Program Requirements

The Master of Kinesiology (M.Kin.) non-thesis program consists of a minimum of 30 course credits. A maximum of 6 of the required 30 course credits may be taken at the 300- and 400-level. At least 24 credits must be in courses numbered 500 or higher. These will include 3 credits from a Kinesiology Methodology course: KIN 570, KIN 571 or KIN 572.

Graduate Program Changes

The Master of Human Kinetics (M.H.K.) has recently been changed to be a Master of Kinesiology (M.Kin.). The following conditions apply to all M.H.K. and M.Kin. students.

1. Students entering their first year of the program in September 2011 or later must follow the program requirements for a M.Kin. degree as set out in the current edition of the Calendar.
2. Students who entered the M.Kin. program prior to September 2011 have the option of following the program requirements in the 2010/2011 Calendar (<http://www.calendar.ubc.ca/archive/vancouver/1011/indexb769.html?tree=12,204,828,1180>) or selecting the program requirements for the M.Kin. degree in the current Calendar. For further information see the Kinesiology website (<http://www.kin.ubc.ca>). Information is also available through the Graduate Program Assistant, room 210, War Memorial Gymnasium.
3. Alumni who received an M.H.K. degree from UBC can elect to convert their degree to a M.Kin. degree by submitting an HKIN Alumni M.Kin. Degree Application Form (<http://secure.students.ubc.ca/senate/vancouver/hktokin.cfm>). For further information read the FAQ (<http://kin.educ.ubc.ca/alumni-donors/name-change-faqs/>) on the School's website.

Master of High Performance Coaching and Technical Leadership

The Master of High Performance Coaching and Technical Leadership (M.H.P.C.T.L.) is a two-year, 30 credit specialized program for experienced sport coaches and technical managers who are looking to advance in their careers. Through a partnership with the leading national agencies in high performance sport, an international quality program is offered using a blended delivery model.

The program provides a strong foundation for present and future coaches and technical leaders by developing knowledge and skills in the interpretation and use of research, balanced with applied coaching practice. The development of skills in analysis and evidence-based decision making has been identified as a critical need by national sport leaders, and this program helps develop the next generation of sport leaders for Canada.

A blended model of residential periods and online teaching methods facilitates the participation of candidates from across Canada and around the world. The program is integrated into the Sport Federations' national coaching qualifications, providing national certification together with academic credentials. The program will include two one-week residential courses: one at the start of year 1 and one at the start of year 2. All courses will be delivered primarily online with added synchronous classes scheduled throughout the Winter Session Terms 1 and 2.

Admission Requirements

Candidates must meet [minimum entry requirements](#) established by the Faculty of Graduate and Postdoctoral Studies. In addition, candidates will normally have a Bachelor's degree in Human Kinetics, Physical Education, Kinesiology or other related field of study, as well as:

- 5 years of coaching experience, including coaching athletes at the national team or Canada Games level, or 5 years as a carded National Team athlete;
- National Coaching Certification Program qualification at level 3 or *Competition Development*;
- recommendation of the National Sport Organization; and,
- submission of a portfolio showing an annual training plan the candidate has developed and implemented, other evidence of their practical coaching, and any articles or coaching materials they have produced.

Alternatively, applicants who do not meet the requirements stated above, but who have had significant formal training and relevant professional experience, and/or otherwise possess demonstrable knowledge or expertise that would prepare them adequately for successful study in a specific graduate program, may be granted admission on the recommendation of the appropriate graduate program and approval of the Dean of the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

Students will be required to complete 30 credits of KIN courses which includes a 6 credit sport inquiry course.

1. KIN 515 (3) Gap Analysis
2. KIN 585 (3) Performance Planning
3. KIN 586 (3) Coaching Effectiveness
4. KIN 598 (3) Directed Field Studies - Practicum
5. KIN 516 (3) Psychology of Leadership and Group Processes in Sport



6. KIN 517 (3) The Business of High Performance Sport
7. KIN 572 (3) Research Methods in Sports Coaching
8. KIN 530 (3) Directed Studies
9. KIN 596 (6) High Performance Sport Inquiry

Contact Information

School of Kinesiology
210-6081 University Blvd.
Vancouver, BC, Canada V6T 1Z1
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Email: kin.gradsec@ubc.ca
Web: www.kin.ubc.ca (<http://www.kin.ubc.ca>)

Last updated: June 4, 2021

Degree Programs > Land and Food Systems, Integrated Studies in

Degrees Offered: Ph.D., M.Sc.

Members

Professor Emeritus

T. Sullivan.

Professors

R. Barichello, S. Gulati, C. McAusland, H. Wittman.

Associate Professors

J. Black, E. Jovel, A. Riseman, S. Smukler.

Assistant Professor

J. Carillo, F. Noack.

Program Overview

The challenge of providing sufficient, safe, and economically accessible food for the world requires researchers and managers able to seek solutions that rely on integrating the traditional agricultural disciplines with those of related areas of knowledge and inquiry.

The objective of the graduate program in Integrated Studies in Land and Food Systems is to aid students in developing the knowledge base and integrative skills necessary to evaluate food production systems and develop sustainable solutions based on agroecological, economic, and social dimensions.

The Integrated Studies in Land and Food Systems program offers opportunities for advanced study and research leading to M.Sc. and Ph.D. degrees.

Doctor of Philosophy

Admission Requirements

Most students entering the program are expected to have an academic background in agriculture and/or land and food systems, but applicants from other academic disciplines will be considered. Applicants must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Acceptance into the program depends on meeting the admission requirements of the Faculty of Graduate and Postdoctoral Studies, and acceptance by a faculty member willing to act as the student's supervisor.

Transfer from the M.Sc. to the Ph.D. program is permitted by Faculty of Graduate and Postdoctoral Studies regulations.

Program Requirements



All Ph.D. students are required to complete LFS 500 (Graduate Seminar). Additional coursework may be selected in consultation with the student's supervisory committee. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation (LFS 649) meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Most students entering the program are expected to have an academic background in agriculture and/or food, but applicants from other academic disciplines will be considered. Applicants must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Acceptance into the program depends on meeting the admission requirements of the Faculty of Graduate and Postdoctoral Studies, and acceptance by a faculty member willing to act as the student's supervisor.

Program Requirements

The M.Sc. degree requires successful completion of LFS 500, a thesis (LFS 549), and a minimum of 15 additional credits of coursework. A maximum of 6 of the 15 required course credits may be taken at the 300- and 400-level.

Contact Information

Admission & Administrative Coordinator
Faculty of Land and Food Systems
University of British Columbia
291-2357 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.8373
Fax: 604.822.4400
Email: ifs.gradapp@ubc.ca
Web: www.landfood.ubc.ca/graduate/integrated-studies-in-land-food-systems-msc-phd/
(<http://www.landfood.ubc.ca/graduate/integrated-studies-in-land-food-systems-msc-phd/>)

Last updated: June 4, 2021

Degree Programs > Landscape Architecture

Degrees Offered: M.L.A., M.Arch./M.L.A., M.A.S.L.A.

Members

Associate Professors Emeriti

D. Paterson.

Professors

P. M. Condon, C. Girling, S. Herrington, R. Kellett.

Associate Professors

J. Dahmen, P. F. Mooney, D. Roehr.

Assistant Professors

F. Byrne, K. Lokman, T. Vukosevic.

Program Overview

Landscape Architecture is concerned with the design, planning, and management of the land. It involves the physical design of sites or places with particular emphasis on resource conservation, sustainability, social responsiveness, and aesthetics. It is one of several professions concerned with both the natural and human environments, with both nature and culture and, as such, places heavy emphasis on interdisciplinary knowledge and cooperation. As an academic discipline, landscape architecture encompasses the fields of the humanities, sciences, technology, and the creative arts; it is also concerned with design as an act of critical inquiry, design criticism, and issues of critical regionalism.



Master of Landscape Architecture

Admission Requirements

Applicants must have a strong academic record and demonstrate potential for creative problem solving. The Landscape Architecture Program selects students from a variety of disciplines on which to build landscape architectural understanding, competence, and the sharing of knowledge. Students entering the program should demonstrate interest and potential in the broad fields of environment, the creative arts, and landscape architecture.

Students are accepted into the 3-year M.L.A. from all disciplines. Applicants seeking admission into the two-year M.L.A. variant must be in possession of a four-year undergraduate degree in Architecture, Environmental Design, or Landscape Architecture. Certain students may be expected to fulfill additional requirements in order to adequately prepare them for design and environmental studies. In addition, students are required to submit examples of their creative abilities in the form of an application portfolio and demonstrate, in writing, their understanding of the profession. The minimum TOEFL score required by international applicants is 600 (paper) or 100 (internet). Approximately 18 students will be admitted each year. Detailed admission information is available from the School (<http://www.sala.ubc.ca>).

Program Requirements

The Master of Landscape Architecture (M.L.A.) degree is designed for students seeking admission to the profession. Full-time students normally complete this program in three years. Students with a UBC-recognized undergraduate degree in Architecture, Environmental Design, or Landscape Architecture may apply for admission to a two-year 80-credit variant of the professional M.L.A. Program, comprised of the final two years of M.L.A. design studio courses, as well as courses required for professional degree accreditation by the Canadian Society of Landscape Architects. The particular course requirements will be determined by the student's advisor for each student upon acceptance and entry into the program, based on prior experience and a portfolio review.

Course of Study

The master's degree is awarded upon the completion of 110 credits of coursework, including a major graduating project. The core curriculum includes a structured first year of 39 credits and 56 additional required credits in years two and three. A total of 18 elective credits make up part of the 110 credit total. At least 9 of the 18 credits must be Landscape Architecture (LARC) courses. Detailed information on specific, yearly course requirements are available from the School (<http://www.sala.ubc.ca>).

A grade of 68% is required as a passing grade for all design studio courses (LARC 501, 502, 503, 504, 505, or any substituted classes).

Dual Degree: Master of Architecture/Master of Landscape Architecture

The Dual Degree program option permits qualified students the opportunity to earn a Master of Architecture and a Master of Landscape Architecture concurrently.

For information on the M.Arch./M.L.A dual degree option, refer to the [Master of Architecture](#).

Master of Advanced Studies in Landscape Architecture

The Master of Advanced Studies in Landscape Architecture (M.A.S.L.A.) introduces students to independent research that will enable them to examine specific issues relating to landscape architecture. The degree program allows students to investigate an area of knowledge within the broad field of landscape architecture in collaboration with faculty engaged in research or consulting activity in that area. The research program requires the student to synthesize existing knowledge in landscape architecture and related fields. This synthesis will result in a thesis that must be approved by the student's supervisor and committee members, and submitted to the Faculty of Graduate and Postdoctoral Studies.

The M.A.S.L.A. is a 30-credit program. Full-time students normally complete this program within two - three years, depending on whether they have a pre-existing professional design degree or need to take a qualifying year. This post-professional program is not intended to fulfill the requirements for landscape architectural licensure as established by the BC Society of Landscape Architects or similar organizations in other provinces or in the US. Those desiring professional credentials should enrol in the Master of Landscape Architecture (M.L.A.) program.

Admission Requirements

Applicants for admission to the M.A.S.L.A. program must have either: 1) a four-year bachelor's degree in a design discipline, with some experience in a design practice; or 2) a bachelor's degree in a related discipline (such as planning, geography, environmental studies) with some professional experience and a qualifying year of study. The course of study for the qualifying year, the purpose of which is to achieve immersion in the landscape architecture field, is worth 24 credits, and is comprised of LARC 316 (3), 501 (9), 502 (9), and 540 (3).

All applicants must meet the basic academic requirements of the Faculty of Graduate Studies. In addition, all applicants must submit a brief statement of their research interest and either a design portfolio or a portfolio of project work and/or applied research experience (for non-design degree graduates). The minimum TOEFL score required in international applicants is 580 (paper) or 90 (internet). For additional information, please visit the School (<http://www.sala.ubc.ca>) or see Contact Information below.

Program Requirements

The course of study for the M.A.S.L.A. program consists of 30 credits: LARC 523 (3), LARC 541 (3), 3 credits of an approved 500-level or above research methods course, 9 credits of approved elective coursework including directed study and/or research-oriented cooperative education in consultation with the



supervisor, and LARC 599 Research Thesis (12). A maximum of 3 credits of coursework may be taken at the 300- or 400-level.

Research activities and thesis development will be focused within one of two broad areas of advanced design, design theory and design education, or environmental design, planning, and management.

Contact Information

School of Architecture and Landscape Architecture
379-2357 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.827.7252
Fax: 604.822.2184
Email: larc@sala.ubc.ca
Web: www.sala.ubc.ca (<http://www.sala.ubc.ca>)

Last updated: June 4, 2021

Degree Programs > Language and Literacy Education

Degree Offered: Ph.D.

Members

Professors Emeriti

S. Carey, M. Chapman, R. Jobe, B. Mohan, A. Paré, V. Purcell-Gates, K. Reeder, J. Shapiro, R. Tierney, G. Williams.

Professors

G. Belliveau, M. Bryson, T. Dobson, L. Gunderson, J. Hare, A. Henry, J. Jenson, M. Kendrick, G. Li, B. Norton, T. Rogers.

Associate Professors

M. Asselin, M. Early, C. K. Galla.

Assistant Professors

M. Corella, D. Gladwin, S. Zappa-Hollman.

Program Overview

The Department of Language and Literacy Education offers a program leading to a Ph.D. in Language and Literacy Education (LLED). Students can study in the areas of: Literacy Education, Teacher Librarianship, Teaching English as a Second Language, and Modern Language Education.

The Department of Language and Literacy Education is committed to excellence in scholarship, teaching, and professional leadership and is responsive to Canada's multicultural, multilingual context. Its goal is to advance the study of language learning, and the teaching and learning of language, literacy, and literature in their broadest frames of reference.

Doctor of Philosophy

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Studies requirements, the Department of Language and Literacy Education requires:

- a master's degree with high standing in a relevant educational discipline,
- a sample of work demonstrating an ability to undertake research and scholarly writing,
- a letter of intent describing the proposed focus and how it fits with the research programs of two or three faculty members as well as how it benefits the applicant,
- the support of three referees including an assessment by at least two university instructors, preferably one of whom is the supervisor of the masters thesis, and
- the equivalent of at least two years of successful teaching experience.

Program Requirements

- normally, 18 to 24 credits or coursework (including the LLED 601 Doctoral Seminar)



- a comprehensive exam followed by an oral examination
- a dissertation proposal
- a doctoral dissertation

Contact Information

Department of Language and Literacy Education
2013-6445 University Boulevard
Vancouver, BC, Canada V6T 1Z2
Graduate Programs Assistant
Tel: 604.822.8259
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Email: lled.gradassistant@ubc.ca
Web: www.lled.educ.ubc.ca (<http://www.lled.educ.ubc.ca>)

Last updated: June 4, 2021

Degree Programs > Law

Degrees Offered: Ph.D., LL.M., LL.M. (Common Law), LL.M. in Taxation

Members

Professors

N. Affolder, J. Bakan, J. Benedet, L. Biukovic, G. Christie, W. Cui, E. Cunliffe, C. Dauvergne, D. Duff, C. Ford, B. Goold, I. Grant, D. Harris, H. Kong, L. Lazarus, M. Le Baron, B. W. MacDougall, S. Matsui, D. Parkes, D. Pavlich, B. Perrin, J. Sarra, M. Turpel-Lafond, S. Wood, M. Young.

Associate Professors

E. Aloni, E. Arbel, B. Bhandar, J. Cheng, E. Edinger, D. Johnston, C. Liao, K. Mickelson, G. Reynolds, G. Sarfaty, J. Stewart.

Assistant Professors

S. Beswick, R. Clifford, J. Extabe, A. Flynn, S. Ghebremusse, T. Goldbach, B. Hastie, C. Hutchison, A. Kaushal, L. Lin, J. Mack, M. Moore, M. Peihani, J. Stacey, R. Tremblay.

Program Overview

The following provides a general overview of the graduate programs offered at the Peter A. Allard School of Law. For more comprehensive information please refer to the Allard School of Law (<http://www.allard.ubc.ca>).

The Allard School of Law at UBC is rich in the spirit of enquiry, committed to scholarship of the highest calibre, and ranks as one of Canada's longest-established graduate programs in law. Its faculty and students at all levels, ranging from the professional degree programs through LL.M., LL.M. (Common Law), or LL.M. in Taxation studies to the Ph.D. program, combine to make it one of the world's most intellectually exciting, challenging, and rewarding places to pursue graduate studies in law.

UBC graduate students in law are a culturally, ethnically, and linguistically diverse body of outstanding students from Canada and around the world. All share common facilities and enjoy the benefit of a collegial life organized both formally through the Faculty and informally through the Graduate Law Student's Society, creating an unsurpassed graduate school experience. Each of our research graduate degree programs is carefully structured around a core seminar providing essential foundations of knowledge appropriate for LL.M. or Ph.D. studies, as the case may be. Faculty supervisors work closely with students in thesis-based degrees, and for the course-based LL.M. (Common Law) and LL.M. in Taxation instruction is provided by enthusiastic, highly qualified law teachers who together teach one of the most wide-ranging law school programs in Canada.

The deadlines for application to all graduate programs in the Allard School of Law are: October 31 for the LL.M. (Common Law) May intake; December 15 for the LL.M. (Common Law) September intake; and December 15 for the LL.M. in Taxation. For the thesis-based LL.M. and Ph.D. programs: December 1 for submission of the online application and all relevant documents apart from letters of reference; letters of reference are due December 15. Early application is encouraged.

Doctor of Philosophy

Admission Requirements

Admission to the Ph.D. program requires an LL.B. or J.D., as well as an LL.M. or equivalent, from a recognized institution indicating a superior level of academic performance in a field of specialization that will support the applicant's Ph.D. research. In exceptional circumstances applicants who do not meet



these requirements, but who, in the opinion of the Allard School of Law Graduate Committee, possess qualifications appropriate for admission to the doctoral program, may be considered for provisional acceptance dependent upon successful completion of one or more law courses prior to formal acceptance. In addition, all applicants must meet the Faculty of Graduate and Postdoctoral Studies' minimum academic standards for admission. External or correspondence degrees are not eligible for consideration.

Program Requirements

The Ph.D. curriculum consists of a one-year, two-part seminar and other coursework as required by a student's supervisory committee. All doctoral students are required to successfully complete a comprehensive examination and defense of their dissertation proposal. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Laws (LL.M.)

Admission Requirements

To be eligible for admission into the research-based LL.M. program, except in the case of students applying through the [UBC-MLS Degree Partnership](#), a candidate must have a J.D., LL.B., or its equivalent from an approved law faculty. In addition, all applicants must meet the Faculty of Graduate and Postdoctoral Studies' minimum academic standards for admission. External or correspondence degrees are not eligible for consideration.

Program Requirements

The LL.M. program combines coursework with the preparation of a thesis. Students are required to successfully complete 36 credits of work, of which 20 credits are allocated to the thesis, 4 credits to the required Master of Laws seminar (LAW 500), 2-4 credits to the required graduate level research methodology seminar (LAW 524), and 8-9 credits to elective coursework.

The normal duration of the program for full time students, barring extenuating circumstances, is one (1) to two (2) years.

The normal duration for part-time students, barring extenuating circumstances, is five (5) years.

Master of Laws (Common Law)

The LL.M. (Common Law) degree is a one-year, full-time non-thesis degree, with a two-year part-time option. The program is designed to provide academic training introducing accomplished lawyers from other legal systems to Canadian law and to common law concepts and methods.

Admission Requirements

To enter the LL.M. (Common Law) program, except in the case of students applying through the [UBC-MLS Degree Partnership](#), students must possess either a foreign or a non-common law Canadian professional law degree.

Program Requirements

Students are required to successfully complete 30 credits of coursework, consisting of one of LAW 505 Canadian Public Law, LAW 515 Canadian Private Law: Contractual Obligations and Remedies, or LAW 525 Canadian Criminal Law (5 credits); either a 500 level course of at least 3 credits with a research paper counting for at least 60% of the student's final mark or LAW 530 Advanced Legal Research and Writing (4 credits); and at least 21 credits of graduate-level courses or seminars (including up to 6 credits from designated 300- or 400-level J.D. courses or seminars).

It is expected that full-time students will complete the program in 12 months (May - April or September - August). Part-time students will normally complete the program in 24 months.

Master of Laws in Taxation

The LL.M. in Taxation degree is a one-year course-based professional program designed to provide specialized training in tax law, policy, and practice.

Admission Requirements

Except in the case of students applying through the [UBC-MLS Degree Partnership](#), admission will be open to students with a J.D. or LL.B. from a Canadian or non-Canadian law school, as well as other candidates with a relevant undergraduate degree, a superior academic record, and significant work experience in the field of tax. In addition, all applicants must meet the [Faculty of Graduate and Postdoctoral Studies'](#) minimum admission requirements. For master's degree programs, the requirements are as follows:

- Normally, applicants for a master's degree program must hold the academic equivalent of a four-year bachelor's degree from UBC with one of the following:
 - A minimum overall average in the B+ range (76% at UBC) in third- and fourth-year courses.
 - Academic standing with at least 12 credits of third- or fourth-year courses in the A grade range (80% or higher at UBC) in the field of study.
- Alternatively, applicants who do not meet the requirements stated above, but who have had other significant formal training, relevant professional experience, and/or otherwise possess demonstrable knowledge or expertise that would prepare them adequately for successful study in a specific graduate program, may be granted admission on the recommendation of the appropriate graduate program and approval of the Dean of the Faculty of Graduate and Postdoctoral Studies.



Applicants with international credentials, including degrees from non-Canadian universities, must consult the Faculty of Graduate and Postdoctoral Studies (<http://www.grad.ubc.ca>) for information about admission requirements for applicants with international credentials.

Applicants with undergraduate training at a university where English is not the primary language of instruction must demonstrate sufficient English language proficiency through one of the approved English language proficiency examinations. The examining body must send results directly to the Graduate Program in the Allard School of Law. The Graduate Program in Law requires:

- TOEFL: minimum score of 100, with Reading, Writing and Listening minimum score of 25 and Speaking minimum score of 21.
- IELTS: minimum overall band of 7.0 with a reading and writing band minimum of 7.0; or
- GCE: A level English examination with a standing of at least "B".

While UBC's English Language Institute (Calendar page: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=4,229,530,703#8411>) offers an Intensive English Program designed to prepare students for graduate study in English, the law school still requires students who complete the program or other English language training courses to demonstrate proficiency through one of the approved English language proficiency examinations.

Program Requirements

The LL.M. in Taxation is designed as a one year, full-time course-based degree (with a part-time option). It consists of a total of 30 credits, including LAW 561 (6 credits), 18 elective credits in tax law and policy courses, and up to 6 elective credits in other law courses.

UBC-Melbourne Law School J.D./L.L.M. Degree Partnership

Candidates applying to one of the Allard School of Law's L.L.M. programs through the UBC-MLS J.D./L.L.M. Degree Partnership should consult the UBC-MLS J.D./L.L.M. Degree Partnership [description](#) for further information on the eligibility requirements specific to the partnership agreement.

Contact Information

Graduate Program, Peter A. Allard School of Law
1822 East Mall
Vancouver, BC, Canada V6T 1Z1
Web: <http://www.allard.ubc.ca/admissions/graduate-degree-programs>

Joanne Chung, Graduate Program Advisor [for research-based LL.M. and Ph.D.]
Email: graduates@allard.ubc.ca
Tel: 604.822.6449
Fax: 604.822.9486

Alan Grove, Coordinator, Graduate Professional Programs [For LL.M. (Common Law), LL.M. (Taxation) and Distance Learning Program]
Email: professionalprograms@allard.ubc.ca
Tel: 604.827.0389
Fax: 604.822.9486

Last updated: June 4, 2021

Degree Programs > Library and Information Studies

Degree Offered: M.L.I.S.

Members

Professor Emeritus

J. Saltman.

Professor

F. Kwakkel

Associate Professors

E. Meyers, L. Nathan, H. O'Brien, L. Sinnamon.

Assistant Professors



M. Abdul-Mageed, J. Bullard, H. Turner.

Program Overview

The Master of Library and Information Studies, which gives its graduate professional stature, is accredited by the American Library Association and is one of some fifty in North America, including eight in Canada. Graduates employed in academic, public, school, special libraries, or other information agencies combine work with information and its users with some aspects of supervision knowledge management services. Graduates work in libraries and a wide variety of positions involving the uses of information in their broadest context; many are self-employed.

For information on the dual M.A.S./M.L.I.S. degree program, visit the [Master of Archival Studies/Master of Library and Information Studies](#).

Master of Library and Information Studies

Admission Requirements

The M.L.I.S. program is a professional program open to those holding a bachelor's degree considered suitable by the admissions committee, and which meets the minimum admission requirements of the Faculty of Graduate and Postdoctoral Studies. Those applying to enter the program are expected to have a strong foundation in an academic subject area but also an enthusiasm for information and its uses in the wider sense. For detailed information, see [Library Studies \(http://slais.ubc.ca/programs/prospective-students/admissions-process/mas-mlis-dual-masmlis-admissions-procedures/\)](http://slais.ubc.ca/programs/prospective-students/admissions-process/mas-mlis-dual-masmlis-admissions-procedures/).

Program Requirements

For information on the M.L.I.S. program requirements, visit the [Master of Library and Information Studies](#).

Sub-Specialization in Human Computer Interaction

The School offers a sub-specialization in Human-Computer Interaction (<http://slais.ubc.ca/programs/degree-specializations/hci-sub-specialization/>) (HCI) in conjunction with the Media and Graphics Interdisciplinary Centre (<http://www.magic.ubc.ca/>) (MAGIC), which is available to students in the Library and Information Studies program.

Contact Information

School of Information
The Irving K. Barber Learning Centre
470-1961 East Mall
Vancouver, BC, Canada V6T 1Z1
Tel: 604.822.2404
Fax: 604.822.6006
Email: ischool.info@ubc.ca
Web: ischool.ubc.ca (<http://ischool.ubc.ca>)

Last updated: June 4, 2021

Degree Programs > Library, Archival, and Information Studies

Degree Offered: Ph.D.

Members

Professor Emeritus

J. Saltman.

Professors

L. Duranti, F. Kwakkel.

Associate Professors

V. Lemieux, E. Meyers, L. Nathan, H. O'Brien, L. Sinnamon.

Assistant Professors



M. Abdul-Mageed, J. Bullard, J. Douglas, H. Turner.

Program Overview

The School of Information, offers a program leading to the Doctor of Philosophy. The Ph.D. program is designed to provide advanced research training for outstanding students who have already obtained a Master of Archival Studies (M.A.S.) or a Master of Library and Information Studies (M.L.I.S.).

Upon entering the doctoral program, a student will be assigned an advisor who will work with the student to develop an appropriate set of courses relevant to the student's research plan.

Doctor of Philosophy

Admission Requirements

Admission to the doctoral program requires an M.A.S., an M.L.I.S., or equivalent from a recognized institution indicating a superior level of academic performance in a field of specialization that will support the applicant's Ph.D. research. Students must satisfy the admission requirements of the Faculty of Graduate and Postdoctoral Studies, and be approved by the School's Doctoral Admissions Committee. Admission decisions are based on the degree to which the applicant's intended area of research matches faculty expertise, and the suitability of the applicant for advanced graduate work as attested by three letters of reference, prior academic performance, record of publications, and work in the field of library, archival, and information studies.

Program Requirements

For program requirements information see [Ph.D. Program Requirements](#) in the School of Information section of the Calendar.

Contact Information

School of Information
The Irving K. Barber Learning Centre
#470-1961 East Mall
Vancouver, BC, Canada V6T 1Z1
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Fax: 604.822.6006
Email: ischool.info@ubc.ca
Web: ischool.ubc.ca (<http://ischool.ubc.ca>)

Last updated: June 4, 2021

Degree Programs > Linguistics

Degrees Offered: Ph.D., M.A.

Members

Professors

H. Davis, B. Gick, C. Hudson Kam, L. Matthewson, D. Pulleyblank.

Professors Emeriti

J.P. Stemberger

Associate Professors

M. Babel, R.-M. Déchaine, K. Hall, G. Hansson, M. Morzycki, H. Rullmann, A-M. Tessier.

Assistant Professors

M. Abdul-Mageed, M. Bochnak, M. Silfverberg, M. Sósokuthy.

Program Overview

The Department of Linguistics offers degree programs leading to both the Master of Arts (M.A.) and to the Doctor of Philosophy (Ph.D.). For the Ph.D. in Linguistics students can register in one of two streams:

- the Linguistics stream covers the core areas of phonetics, phonology, semantics, and syntax with the possibility of specializing in First Nations



languages, African languages, first language acquisition, and experimental linguistics

- the Cognitive Systems stream proceeds from the core areas of linguistics to specialized interaction with other disciplines such as art, computer science, music, philosophy, and psychology

Detailed information about both degree programs may be obtained from the Department (<http://www.linguistics.ubc.ca/grad>).

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. program normally possess a master's degree in Linguistics or a related area, with clear evidence of research ability or potential. Transfer from the master's to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies. Exceptional students may be admitted directly to the Ph.D. program from the bachelor's level.

Program Requirements

Coursework is selected in consultation with the student's supervisory committee and the program's graduate advisor. All doctoral students are required to successfully complete two qualifying papers. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements. For detailed information, please visit the Program (<http://www.linguistics.ubc.ca/grad>).

Master of Arts

Admission Requirements

Students admitted to the M.A. degree program normally possess a bachelor's degree and have substantial preparation in linguistics and linguistic theory, although it is possible to apply for the graduate program with an undergraduate degree in another subject area. Applicants must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

An M.A. in Linguistics is a 30-credit degree program and may be obtained on a full-time or part-time basis; both thesis and course-based options are possible.

Coursework for both thesis and course-based options is selected in consultation with the student's supervisory committee and the program's graduate advisor. For detailed information, please visit the Program (<http://www.linguistics.ubc.ca/grad>).

Contact Information

Department of Linguistics
Totem Field Studios
2613 West Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.2976
Fax: 604.822.9687
Email: ling.dept@ubc.ca
Web: www.linguistics.ubc.ca (<http://www.linguistics.ubc.ca>)

Last updated: June 4, 2021

Degree Programs > Literacy Education

Degrees Offered: M.A., M.Ed.

Members

Professors

G. Belliveau, M. Bryson, T. Dobson, L. Gunderson, J. Hare, A. Henry, J. Jenson, M. Kendrick, G. Li, B. Norton, T. Rogers.

Associate Professors

M. Asselin, M. Early, C. K. Galla.

Assistant Professors



M. Corella, D. Gladwin, S. Zappa-Hollman.

Program Overview

The graduate program in Literacy Education (LITR) in the Department of Language and Literacy Education offers opportunities to study in the areas of English Education, Drama Education and Reading from cognitive, social, cultural, and poststructuralist perspectives. Research areas within the program include: child language development in education, composition (writing); early, intermediate, adolescent and adult literacy; family literacy; children's and young adult literature; Aboriginal literacy; teacher librarianship; and arts-based and multimodal approaches to literacy learning.

Students who would like to undertake a Ph.D. specializing in Literacy Education can do so through the program in [Language and Literacy Education](#).

Full-time and part-time study options are offered.

Master of Arts

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Studies requirements, the program normally requires:

1. 18 credits of senior coursework or a professional concentration in the area of interest, and
2. two years of teaching experience or other relevant professional experience.

Program Requirements

The program consists of 30 credits. A maximum of 6 credits may be taken at the 300- or 400-level. A 9-credit thesis (LLED 599) is included.

Master of Education

Admission Requirements

Same as for the M.A.

Program Requirements

The program consists of a minimum of 30 credits, of which 24 must be courses numbered at the 500-level. A maximum of 6 credits may be taken at the 300- or 400- level. Students select either a program consisting entirely of courses (for example, ten 3-credit courses) or 27 credits of coursework, plus a graduating project (3 credits).

Contact Information

Department of Language and Literacy Education
2013-6445 University Boulevard
Vancouver, BC, V6T 1Z2
Graduate Programs Assistant
Tel: 604.822.8259
Fax: 604.822.3154
Email: lled.gradassistant@ubc.ca
Web: www.lled.educ.ubc.ca (<http://www.lled.educ.ubc.ca>)

Last updated: June 4, 2021

Degree Programs > M.D./Ph.D. (Combined Program)

Degrees Offered: M.D./Ph.D.

Members

Professors

L. Brunham, T. Nielsen.

Program Overview

This is an integrated program jointly offered by the Faculty of Medicine and the Faculty of Graduate and Postdoctoral Studies. Its purpose is to provide



selected and highly qualified students the opportunity to combine their medical school experience with intensive scientific training in pursuing a career as clinician-scientists in a chosen field. The program is designed so that students can receive the Doctor of Medicine (M.D.) and the Doctor of Philosophy (Ph.D.) degrees after successful completion of six to seven years of enrolment. The program is built upon the regular M.D. curriculum, but is further customized to meet the unique career goals of individual students based on their background, previous research experience, and their chosen medical field of expertise. Graduates of the M.D./Ph.D. program are trained as competent physicians, as well as skilled scientists who can sustain a successful and competitive clinical investigative career.

Doctor of Medicine with Doctor of Philosophy

Admission Requirements

Candidates for admission must be Canadian Citizens or Permanent Residents. Persons with refugee status in Canada can also apply. To be eligible for admission, the student must have a Bachelor of Science with First class standing (or equivalent), and have fulfilled all the requirements of acceptance into the four-year medical curriculum of the Faculty of Medicine, as well as the doctoral requirements of the Faculty of Graduate and Postdoctoral Studies. All applicants are required to take the Medical College Admission Test (MCAT); however, the Graduate Record Examination (GRE) is optional. Students with a B.Sc. degree (or equivalent) who are already enrolled in the first year of Medicine at UBC are also eligible for admission.

Program Requirements

Students must complete all the required courses in the regular Medical Undergraduate Program. Students must complete 12 credits of coursework for the Ph.D. component; at least 9 credits must be 500-level or higher, and at least 9 credits must be of First class standing. Students must demonstrate proficiency in all required coursework by examination. Students must also successfully complete an oral comprehensive examination based on their proposed research and submit a grant proposal based on their proposed research (in the CIHR format) within the first 36 months of starting their program. Students must defend their dissertation by oral examination. Additionally, each student will be evaluated at least annually by the research supervisory committee. Continuation in the combined degree program is contingent upon satisfactory scholastic and research progress.

Contact Information

UBC M.D./Ph.D. Program
2894 Detwiller Pavilion
2255 Wesbrook Mall
Vancouver, BC, Canada V6T 2A1
Tel: 604.822.7198
Fax: 604.822.7917
Email: md.phd@ubc.ca
Web: www.med.ubc.ca/mdphd (<http://www.med.ubc.ca/mdphd>)
Jane Lee, Program Coordinator

Last updated: June 4, 2021

Degree Programs > Materials and Process Engineering

The field of materials and process engineering is not taught by a single department and there is no formal program leading to a degree in this area. However, the Advanced Materials and Process Engineering Laboratory (AMPEL) offers facilities and opportunities for graduate study in the field through the academic departments of its faculty members.

AMPEL is a multi-disciplinary research centre with participation of research groups from the faculties of Applied Science, Science, and Dentistry and strong collaborations with the Faculty of Medicine and the Faculty of Forestry.

For more information, see Advanced Materials and Process Engineering Laboratory (AMPEL) (Calendar page: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=10,320,0,0#24233>).

Last updated: June 4, 2021

Degree Programs > Materials Engineering

Degrees Offered: Ph.D., M.Sc., M.A.Sc.

Members

Professors

E. Asselin, S. L. Cockcroft, D. G. Dixon, D. B. Dreisinger, F. Ko, D. M. Majjer, M. Militzer, W. J. Poole, A. Poursartip, C. W. Sinclair, T. Troczynski, R. Wang.

Associate Professor

W. Liu, G. Xia.



Assistant Professors

A. Clifford.

Program Overview

The Department of Materials Engineering offers opportunities for study in the following fields: casting and solidification of metals; ceramic processing and properties; refractories; corrosion; composites; high temperature coatings; biomaterials; extractive metallurgy including hydrometallurgy, bio-hydrometallurgy, electrometallurgy, and pyrometallurgy; physical metallurgy; thermo-mechanical processing related to materials production; environmental issues related to materials productions; electronic materials; nanofibers; textile structural composites.

Materials Engineers are experts on the entire life cycle of materials, including recovery of materials from minerals, making engineered materials, manufacturing materials into products, understanding and evaluating materials performance, proper disposal and recycling of materials, and evaluating societal and economic benefits.

Students must satisfy the admission requirements of the Faculty of Graduate and Postdoctoral Studies including, for international students whose first language is not English, a minimum TOEFL score of 90.

Note: Not all courses listed are offered every year.

Doctor of Philosophy

Admission Requirements

An M.Sc. or M.A.Sc. in a suitable discipline is prerequisite. Outstanding M.A.Sc. and M.Sc. students who have demonstrated clear evidence of research ability may be transferred to a Ph.D. program after one year's residence at UBC, subject to Faculty of Graduate and Postdoctoral Studies regulations.

Program Requirements

As detailed in the Academic Regulations of the Faculty of Graduate and Postdoctoral Studies, all doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements. See additional departmental guidelines at Materials Engineering (<http://www.mmat.ubc.ca>).

Master of Science

Admission Requirements

Graduation in physics, chemistry, or mathematics with at least upper-second class standing is prerequisite for admission to the program leading to the M.Sc.

Program Requirements

As detailed by the Academic Regulations of Faculty of Graduate and Postdoctoral Studies, and as per Materials Engineering (<http://mtrl.ubc.ca/prospective-students/graduate-students/application-process>) guidelines.

Master of Applied Science

Admission Requirements

Graduation in materials engineering, metallurgical engineering, mechanical engineering, chemical engineering, or engineering physics, with at least upper-Second class standing (76%) is prerequisite for admission to the program leading to the M.A.Sc.

Program Requirements

As detailed by the Academic Regulations of Faculty of Graduate and Postdoctoral Studies, and as per Material Engineering (<http://mtrl.ubc.ca/prospective-students/graduate-students/application-process>) guidelines.

For information about the professional M.Eng. program, visit the [Faculty of Applied Science](#) or [Materials Engineering](#) (<http://www.mmat.ubc.ca>).

Contact Information

Department of Materials Engineering
309-6350 Stores Road
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Fax: 604.822.3619
Email: gradsec@mtrl.ubc.ca
Web: www.mtrl.ubc.ca (<http://www.mtrl.ubc.ca>)

Last updated: June 4, 2021

Degree Programs > Mathematics

Degrees Offered: Ph.D., M.Sc.

Members

Professors

A. Adem, O. Angel, R. P. Anstee, N. Balmforth, K. Behrend, M. Bennett, J. Bryan, S. Cautis, A. Chau, J. Chen, J. Colliander, D. Coombs, M. Doebeli, J. Feng, A. Fraser, M. Friedlander, I. Frigaard, R. G. Froese, D. Ghioca, N. Ghousseub, S. Gustafson, C. Hauert, K. Karu, L. Keshet, Y. H. Kim, I. Laba, Y-X. Li, P. D. Loewen, B. Marcus, G. Martin, C. Ortner, A. Peirce, M. Pramanik, S. Ramdorai, A. Rechnitzer, Z. Reichstein, G. Slade, J. Solymosi, T-P. Tsai, S. van Willigenburg, V. Vatsal, A. Wachs, M. Ward, J. Wei, B. Wetton, O. Yilmaz.

Associate Professors

S. Bachmann, E. Cytrynbaum, J.Y. Gordon, C. Macdonald, K. W. Nagata, R. Ollivier, L. Silberman, L. Watson.

Assistant Professors

K. Dao Duc, J. Hermonn, M. Murugan, S. Picard, Y. Plan, E. Robeva, G. Schiebinger, T. Williams, J. Zahl.

Program Overview

The Department of Mathematics offers programs of study in most branches of pure and applied mathematics. Students should see the Mathematics website for descriptions of courses and of programs as well as information on financial assistance and application forms. Students particularly interested in applied mathematics and/or statistics should also see the Institute of Applied Mathematics (Calendar page: <http://www.calendar.ubc.ca/vancouver/index.cfm?t=10,319,0,0#241>) and Statistics.

Doctor of Philosophy

Admission Requirements

A master's, or equivalent, in a relevant discipline is prerequisite. Outstanding master's students with one year of study in the master's program who meet the Faculty of Graduate and Postdoctoral Studies transfer requirements may be promoted to the Ph.D. program. Exceptional students may be admitted directly to the doctoral program from the bachelor's level, with approval from the Faculty of Graduate and Postdoctoral Studies.

Part-time Doctoral Classification is also available. Students who wish to be classified as part-time must obtain approval from their proposed supervisor and graduate program advisor as part of the admission process.

For detailed information and requirements for degree programs, please see Mathematics (<http://www.math.ubc.ca>).

Program Requirements

Although there are few formal course requirements, courses are selected in accordance with the recommendation of the program and the student's supervisory committee. All doctoral students are required to complete a comprehensive examination successfully. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program normally possess a bachelor's degree in Mathematics or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

For detailed information and requirements for degree programs, please see Mathematics (<http://www.math.ubc.ca/>).

Program Requirements

The M.Sc. program requires 30 credits, including a 3-credit essay (MATH 589) or a 6- or 12-credit thesis (MATH 549). Courses may be selected from



Mathematics and a wide range of related programs on campus, in consultation with the student's supervisor and the supervisory committee.

Contact Information

Department of Mathematics
121-1984 Mathematics Road
Vancouver, BC, Canada V6T 1Z2
Tel: 604.822.3079
Fax: 604.822.6074
Email: grad-coord@math.ubc.ca
Web: www.math.ubc.ca (<http://www.math.ubc.ca>)
Roseann Kinsey, Graduate Program Coordinator

Last updated: June 4, 2021

Degree Programs > Mathematics Education

Degrees Offered: M.A., M.Ed.

Members

Professors

A. Anderson.

Associate Professor

S. Gerofsky, C. Nicol.

Program Overview

The graduate programs (M.Ed. and M.A.) in Math Education are part of the graduate offerings in the Department of Curriculum and Pedagogy. Students can pursue a wide variety of research and professional interests in mathematics teaching and learning. Large scale research projects, such as the Early Numeracy Project, can bring students into a number of regional, national, and international studies on mathematics.

Master of Arts

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Studies requirements, the program normally requires:

- 1. 18 credits of senior coursework or a professional concentration in the area of interest, and
- 2. two years of teaching experience or other relevant professional experience.

Program Requirements

The program consists of 30 credits; a thesis, normally 9 credits, is included. At least 15 credits must be at 500-level or higher. A maximum of 6 credits may be taken at the 300- or 400-level.

Master of Education

Admission Requirements

Same as for the M.A.

Program Requirements

The program consists of a minimum of 30 credits, of which 24 must be courses numbered at the 500- level. A maximum of 6 credits may be taken at the 300- or 400-level. Students select: either a program consisting entirely of courses (30 credits); or one with 27 credits of coursework, plus a 3-credit graduating project.

Contact Information

Department of Curriculum and Pedagogy



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Vancouver, BC, Canada V6T 1Z4
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Alan Jay, Graduate Program Assistant

Last updated: June 4, 2021

Degree Programs > Measurement, Evaluation, and Research Methodology

Degrees Offered: Ph.D., M.A., M.Ed.

Members

Professors

A. Hubley, S. Mathison, B. Zumbo.

Associate Professor

A. Wu.

Assistant Professor

E. Kroc, Y. Liu.

Professors Emeriti

M. Arlin.

Associate Professors Emeriti

N. Kishor

Program Overview

The graduate program in Measurement, Evaluation, and Research Methodology (MERM) offers Ph.D., M.A., and M.Ed. degrees. The MERM area focuses on the preparation of graduate students to be methodological and measurement specialists. We strive to promote in our research, student supervision, and teaching the highest standards of measurement and research methodology in our discipline. Upon degree completion, our master's and Ph.D. students are employed as university faculty, data analysts, research scientists, test developers, directors of research in school districts or government, research consultants, assessment and testing specialists in business, industry, and education, certification and credentialing professionals, and psychometricians at research and testing organizations.

MERM students generally fit into one of three categories:

1. Students who have an applied interest in educational and psychological measurement, program evaluation, or data analysis. Although they may have some preparation in measurement and data analysis in their undergraduate studies, this is not always the case. These students are more oriented toward the use of measurement, program evaluation, or data analysis techniques in fields such as education, psychology, or health.
2. Students who have strong theoretical interests in technical problems related to areas such as test theory, item response theory, assessment, statistics, factor analysis, and multi-level modelling. Although some of these students come to the Program with some statistical and/or mathematical background, often obtained while studying in another social science discipline such as psychology or sociology, other students arrive with degrees in statistics or mathematics as well.
3. Students who find it compatible with their career goals to give equal attention to both applied and theoretical aspects of this program.

Doctor of Philosophy

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Studies general Academic Requirements (<http://grad.ubc.ca/apply/how/require.asp>) for the Ph.D. program, the following requirements must be satisfied: a master's degree in ECPS or in a closely related discipline (e.g., education, psychology, statistics, health sciences) with a First Class average (80% or better) in all senior-level coursework, relevant training or experience in area of specialization, GRE (General Test), evaluation of research potential from three qualified referees, and a match in the research and professional interests of the applicant and at least one faculty member. The GRE is not required for students who have graduated from UBC's MERM Master's Program.

Part-time Doctoral Classification is also available. This must be approved at the point of admission



<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,204,341,187>

Program Requirements

Specific coursework requirements for the MERM doctoral program are determined on a case-by-case basis, as outlined in an individualized Program of Graduate Studies (PGS) developed for each student, in consultation with his/her Academic Advisor and a Faculty Advisory Committee. A representative program would normally include coursework, seminars, consultations, directed readings, and, where appropriate, practical and field work related to the student's major area of interest selected to prepare the student for the comprehensive examination and dissertation.

All doctoral students are required to complete a comprehensive examination successfully. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Arts

Admission Requirements

Admission into the M.A. program is granted to applicants who meet the minimum Academic Requirements (<http://grad.ubc.ca/apply/how/require.asp>) of the Faculty of Graduate and Postdoctoral Studies. In addition, academic background in any domain of educational or counselling psychology, psychology, education, statistics, health, or related fields is necessary. Students lacking appropriate background or academic preparation may be required to complete courses in addition to the normal 30-credit requirement.

Program Requirements

Students must complete EPSE 481 (Introduction to Research in Education) and EPSE 482 (Introduction to Statistics for Research in Education) or equivalent with 80% or better. Students who have not taken these courses may apply to the program, but if admitted will be required to take the appropriate courses early in the graduate program, in addition to the usual course requirements. The M.A. in MERM is a 30-credit program. The core coursework includes 12 credits in research designs and measurement, 6-9 credits in approved methodology electives, 3-6 in non-MERM areas. The master's thesis is 6 credits. Specific coursework enables an individualized Program of Graduate Studies (PGS) developed for each student, in consultation with the Academic Advisor and a Faculty Advisory Committee.

Master of Education

Admission Requirements

Same as for the M.A.

Program Requirements

Students must complete EPSE 481 (Introduction to Research in Education) and EPSE 482 (Introduction to Statistics for Research in Education) or equivalent with 80% or better. Students who have not taken these courses may apply to the program, but if admitted will be required to complete the appropriate courses with 80% or better within the first year of the graduate program, in addition to the usual course requirements. The M.Ed. in MERM is a 30-credit program. It is entirely based on coursework in core MERM courses, methodology electives, and approved non-MERM courses. The coursework enables an individualized Program of Graduate Studies (PGS) developed for each student, in consultation with the Academic Advisor and a Faculty Advisory Committee.

Contact Information

Department of Educational and Counselling Psychology, and Special Education
2125 Main Mall
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Tel: 604.822.6371
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Web: www.ecps.educ.ubc.ca (<http://www.ecps.educ.ubc.ca>)
Karen Yan, Graduate Program Assistant

Last updated: June 4, 2021

Degree Programs > Mechanical Engineering

Degrees Offered: Ph.D., M.A.Sc.

Members

Professors Emeriti

K.V. Bury, S.M. Calisal, R.L. Evans, M. S. Gadala, E. Hauptmann, G.M. Homsy, S.G. Huttons, M. Iqbal, D.W. McAdam, H. Ramsey, M.E. Salcudean, F.



Sassani, H. Vaughan, I. Yellowley

Professors

Y. Altintas, M. Chiao, C. W. de Silva, H. -Y. S. Feng, I. A. Frigaard, S. I. Green, A. J. Hodgson, W. Merida-Donis, C. F. Ollivier-Gooch, J.A. Olson, T. R. Oxland, S. N. Rogak, R. N. Rohling, G. S. Schajer, B. Stoerber, A. Szeri.

Associate Professors Emeriti

A.B. Dunwoody, D. Romilly.

Associate Professors

W. K. Bushe, G. Elfring, D. Grecov, R. Jaiman, P. Kirchen, H. Ma, R. Nagamune, A. S. Phani, H. F. M. Van der Loos.

Assistant Professors

M. Bacca, A. Giang, J. Jelovica, X. Jin, M. Noh, M. Ponga de la Torre, C. Wu, N. Zimmerman.

Program Overview

Fields of research include: acoustics; aerodynamics and fluid mechanics; automatic controls; robotics and industrial automation; energy conversion, combustion, thermodynamics and heat transfer; vibrations and space dynamics; solid mechanics; bioengineering and biomechanics; design and manufacturing processes; industrial engineering, fuel cells, micro-electromechanical systems, mechatronics, and CAD; and naval architecture. Applicants for graduate degrees may be considered for appointment as research assistants, teaching assistants, or markers in the Department. Courses are selected in consultation with faculty. Not all courses listed in Course Descriptions (<http://www.calendar.ubc.ca/vancouver/courses.cfm?code=MECH>) are offered every year.

For information about the professional Master of Engineering (M.Eng.) program, see *M.Eng.* in the Faculty of Applied Science, or visit the Program (<http://www.mech.ubc.ca>).

Doctor of Philosophy

Admission Requirements

Applicant must have a master's degree or recognized equivalent from an accredited university-level institution in the relevant field of study. It is normal departmental practice to register students initially for the M.A.Sc. Transfer from the M.A.Sc. to the Ph.D. program is permitted by Faculty of Graduate and Postdoctoral Studies regulations.

Please see [TOEFL](#) requirements for more information.

Program Requirements

Requirements for the Ph.D. include satisfactory completion of a minimum of 33 credits of courses beyond the bachelor's level, original research under the supervision of a faculty member, and a thesis. Where appropriate, the student's supervisory committee can require the completion of additional courses. A typical completion time for a Ph.D. is four to five years. Students holding a master's degree from another institution will have the course requirements for the Ph.D. assessed on an individual basis. All doctoral students are required to complete a comprehensive examination successfully. The major requirement for the Ph.D. is completion of a research thesis meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Applied Science

Admission Requirements

Students admitted to the M.A.Sc. program will normally possess a bachelor's degree in mechanical engineering, or a related area, with a minimum average of 76%-79%.

Please see [TOEFL](#) requirements for more information.

Program Requirements

The Master of Applied Science (M.A.Sc.) is a graduate-level study program that includes a research investigation and the writing of a thesis. Requirements for the M.A.Sc. include satisfactory completion of 30 credits of graduate-level courses (up to 6 credits may be at the undergraduate level in courses numbered 300 to 499), original research under the supervision of a faculty member, and a thesis. The thesis is assigned 6 to 12 credits and is counted as part of the coursework requirement. A typical completion time for the M.A.Sc. is 24 months. Subject to satisfactory progress and acceptance by a faculty supervisor, a successful M.A.Sc. graduate may transfer to a course of studies leading to the Ph.D.



Contact Information

Department of Mechanical Engineering
2054-6250 Applied Science Lane
Vancouver, BC, Canada V6T 1Z4
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Web: www.mech.ubc.ca (<http://www.mech.ubc.ca>)

Last updated: June 4, 2021

Degree Programs > Media and Technology Studies Education

Degrees Offered: M.A., M.Ed.

Members

Professor

M. Milner-Bolotin, S. Petrina.

Associate Professors

S. Khan.

Assistant Professor

J. Code.

Program Overview

Graduate programs (M.Ed. and M.A) in Media and Technology Studies Education (MTSE) focus on learning, research, and teaching in media and technology. This includes applications and design of digital and physical processes and works for educational purposes as well as their economics, history, philosophy, and psychology. This also includes implications of how and why mediated and technological works are processed, coded, made, used, and recycled.

Master of Arts

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Studies requirements, the program normally requires:

1. 18 credits of upper-level coursework or a professional concentration in the area of interest, and
2. two years of teaching experience or other relevant professional experience.

Program Requirements

The program consists of 30 credits, including a thesis, normally 9 credits. At least 15 credits of coursework must be at the 500-level or higher. A maximum of 6 credits may be taken at the 300- or 400-level.

Master of Education

Admission Requirements

Same as for the M.A.

Program Requirements

The program consists of a minimum of 30 credits; at least 24 credits of coursework must be courses numbered at the 500- level or higher. A maximum of 6 credits may be taken at the 300- or 400- level. Students select either a program consisting entirely of courses (30 credits), or 27 credits of coursework plus a 3-credit graduating project.

Contact Information



Department of Curriculum and Pedagogy
2125 Main Mall
Vancouver, BC, Canada V6T 1Z4
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Web: www.edcp.educ.ubc.ca (<http://www.edcp.educ.ubc.ca>)
Alan Jay, Graduate Program Assistant

Last updated: June 4, 2021

Degree Programs > Medical Genetics

Degrees Offered: Ph.D., M.Sc.

Members

Professors Emeriti

P. Baird, L. Field, J. Hall, D. Juriloff, R. Kay, D. L. Mager, B. McGillivray, S. Wood.

Associate Professors Emeriti

M. Harris.

Professors

L. Arbour, J. Austin, I. Birol, R. Brinkman, A. Brooks-Wilson, C. J. Brown, M. Burgess, B. Carleton, L. A. Clarke, E. Conibear, C. J. Eaves, J. M. Friedman, W. Gibson, D. Goldowitz, M. R. Hayden, P. A. Hieter, R. Holt, P. Hoodless, D. Huntsman, W. Jefferies, X. Jiang, S. Jones, M. Kobar, S. F. Langlois, B. Leavitt, M. Lorincz, M. Marra, W. R. McMaster, K. M. McNagny, F. Miller, B. Nelson, J. Penninger, W. P. Robinson, F. Rossi, A. D. Sadovnick, E. M. Simpson, M. I. Van Allen, W. W. Wasserman, J. Wong, P. Zandstra.

Associate Professors

L. Brunham, A. Elliott, L. Lefebvre, G. Morin, M. Pouladi, C. Ross, S. Taubert, C. Van Raamsdonk

Assistant Professors

J. Dennis, L. Evgin, C. Vilarinho-Güell.

Program Overview

The Department of Medical Genetics offers Master's and PhD degree programs, attracting students from across Canada and around the world. Trainees conduct research in laboratories affiliated with the University of British Columbia, an institution that consistently ranks among the world's best universities. UBC is located in Vancouver, British Columbia, one of the world's most livable cities.

Faculty members in the Department of Medical Genetics are at the forefront of their fields, employing cutting edge genetic, epigenetic, genomic and bioinformatic methodologies to gain insight into diseases such as cancer, diabetes, obesity, neurodegenerative and neurological disorders, and other genetic diseases. Researchers in the Department are highly interactive and collaborate with local, national, and international colleagues, which further enriches the research experience for trainees.

Areas of Research

- Cancer Genetics & Genomics
- Clinical Genetics, Genetic Counselling, Ethics & Policy
- Developmental Genetics and Birth Defects
- DNA Repair & Genome Stability
- Epigenetics, Epigenomics & Gene Regulation
- Genetic Epidemiology & Population Genetics
- Genomics & Bioinformatics
- Immunogenetics
- Neuroscience & Neurodegenerative Disease Genetics
- Pharmacogenomics
- Proteomics
- Stem Cells & Gene Therapy



Individual labs conduct clinical and/or translational research and basic experimental research engaging a wide variety of approaches including the use of model organisms such as mice, flies (*D. melanogaster*), worms (*C. elegans*), and yeast (*S. cerevisiae*). Research facilities are located at the UBC Vancouver campus as well as additional affiliated sites.

Doctor of Philosophy

Admission Requirements

Students applying to Ph.D. studies in Medical Genetics normally hold a M.Sc. degree in genetics or a related field. In exceptional cases (<http://grad.ubc.ca/prospective-students/application-admission/minimum-academic-requirements-canadian-or-us-credentials>), high-ranking applicants may be eligible for admittance to Ph.D. studies directly from an honours Bachelor's degree.

Applicants must have a strong overall grade point average and a first class standing in upper-level courses in genetics and/or genomics; and in one or more of the following: biochemistry, molecular biology, biostatistics (statistics) and bioinformatics.

Eligibility is based on academic background and achievement, relevant laboratory research experience, and letters of recommendation. Academically admissible applicants must also obtain the commitment of a research supervisor in the Department of Medical Genetics before receiving an admission offer from the Program and the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

Ph.D. students typically take 12 credits of Medical Genetics core courses and up to six credits of electives in their first year. See the Medical Genetics courses (<http://www.calendar.ubc.ca/vancouver/courses.cfm?page=name&code=MEDG>) listing in the UBC Calendar.

All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. degree is the completion of a research dissertation and defence that meets the Faculty of Graduate and Postdoctoral Studies guidelines.

Master of Science

Admission Requirements

Students applying to M.Sc. studies in Medical Genetics must have a strong overall grade point average and a first class standing in upper-level courses in genetics and/or genomics; and in one or more of the following: biochemistry, molecular biology, biostatistics (statistics) and bioinformatics.

Eligibility is based on academic background and achievement, relevant laboratory research experience and letters of recommendation. Academically admissible applicants must also obtain the commitment of a research supervisor in the Department of Medical Genetics before receiving an admission offer from the Program and the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

M.Sc. students are required to take 12 credits of Medical Genetics core courses and six credits of electives in their first year. See the Medical Genetics courses (<http://www.calendar.ubc.ca/vancouver/courses.cfm?page=name&code=MEDG>) listing in the UBC Calendar. The major requirement for the M.Sc. degree is the completion of a research thesis and defence that meets the Faculty of Graduate and Postdoctoral Studies guidelines.

Contact Information

Medical Genetics Graduate Program
Life Sciences Centre
Room 1364-2350 Health Sciences Mall
Vancouver, BC Canada V6T 1Z3
Tel: 604.822.5312
Fax: 604.822.5348
Email: medical_genetics@ubc.ca
Web: medgen.med.ubc.ca/ (<http://medgen.med.ubc.ca/>)
(Ms.) Cheryl Bishop, Graduate Program Assistant

Last updated: June 4, 2021

Degree Programs > Medical Physics

Degrees Offered: Ph.D., M.Sc.

Members

This is an interdisciplinary program. Professors come from a number of faculties and departments. The department website (<http://www.phas.ubc.ca/researchers>) provides a list of all faculty members associated with the program.

**Professors Emeriti**

A. Celler, A. MacKay.

Professors

V. Sossi, Q-S. Xiang.

Associate Professors

N. Ford, S. Kolind, P. Kozlowski, C. Laule, A. Rahmin, A. Rauscher, S. Reinsberg.

Affiliated Members

H. Zeng (Professor)

Program Overview**Master of Science****Admission Requirements**

Students must meet the Faculty of Graduate and Postdoctoral Studies master's degree admission requirements.

The prerequisite for admission to the program is either: a B.Sc. in physics (single or combined major), astronomy, or mathematics; or a B.A.Sc. in engineering physics or electrical engineering. Applicants with a degree in an engineering discipline or another science discipline are expected to have completed coursework that is the equivalent of a minor in physics. An overall average of 80% or better in third- and fourth-year courses is required for admission to the program.

English language requirements for admission to the program are higher than the minimum specified by the Faculty of Graduate and Postdoctoral Studies. Please see English Language Proficiency Standards and GRE Requirements (<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,204,345,0>) for more details.

Program Requirements**• Required courses (23 credits)**

- PHYS 500 (3) Quantum Mechanics I
- PHYS 534 (3) Radiotherapy Physics I
- PHYS 535 (3) Radiotherapy Physics II
- PHYS 536 (3) Advanced Radiation Biophysics
- PHYS 539 (3) Radiation Dosimetry
- PHYS 540 (3) Radiological Imaging
- PHYS 545 (3) Anatomy, Physiology and Statistics for Medical Physicists
- PHYS 546 (2) Clinical Experience in Medical Physics

One additional elective (3 credits each)

- PHYS 541 (3) Nuclear Medicine
- PHYS 542 (3) Nuclear Magnetic Resonance Imaging
- PHYS 543 (3) Biomedical Optics

Research thesis (12 credits)

- PHYS 549 Thesis

Doctor of Philosophy**Admission Requirements**

Students are normally admitted to the Ph.D. program after obtaining an M.Sc. or M.A.Sc. and must meet the Faculty of Graduate and Postdoctoral Studies PhD degree admission requirements. Alternatively, well-qualified students admitted to the M.Sc. program in Medical Physics may transfer to the Ph.D. program after one year of study and the completion of a minimum of 12 credits of coursework at the 500-level with a minimum overall average of 85%, clear evidence of research ability, and departmental approval.

Program Requirements



A minimum of 12 credits in graduate level courses in any Science, Applied Science, or Medicine department are required for the Ph.D., with details of the course load determined in consultation with the dissertation advisor and supervisory committee. Students must also satisfy all the course requirements of the M.Sc. program in Medical Physics. Students who do not already have credit for the required master's degree courses or the equivalent graduate level courses from another university (approved by Graduate Chair) must take these courses in the Ph.D. program. Direct transfer students require a further 12 credits of graduate-level coursework in any Science, Applied Science, or Medicine department for the Ph.D. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Contact Information

Department of Physics and Astronomy
6224 Agricultural Road
Vancouver, BC, Canada V6T 1Z1
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Email: gradsec@physics.ubc.ca
Web: www.physics.ubc.ca (<http://www.physics.ubc.ca>)

Last updated: June 4, 2021

Degree Programs > Microbiology and Immunology

Degrees Offered: Ph.D., M.Sc.

Members

Professors

N. Abraham, Y. Av-Gay, J. T. Beatty, L. Eltis, R. Fernandez, B. Finlay, E. Gaynor, M. R. Gold, S. Hallam, R. E. W. Hancock, M. Horwitz, W. Jefferies, P. Johnson, J. Kronstad, M. Levings, A. Manges, R. McMaster, W. W. Mohn, D. Money, M.E. Murphy, S.J. Ono, R. Redfield, N. Reiner, T. Steiner, C. Suttle, C. Thompson, S. Turvey.

Associate Professors

S.Crowe, K. W. Harder, M. Hirst, F. Jean, L. Sly.

Assistant Professors

K. Brown, C. Haney, L. Osborne., M. Sadarangani, E. Tocheva, M. Tokuyama, C. Tropini.

Program Overview

The Department of Microbiology and Immunology offers opportunities for original research in the areas of molecular and applied microbiology, biotechnology, cell and developmental biology, epigenetics, geomicrobiology, molecular biology, molecular genetics, molecular immunology, microbial ecology, microbial pathogenesis, and virology. The Department has excellent research funding and a commitment to high quality research. A list of faculty and associate members and their research interests is available from the Department.

Students must satisfy the admission requirements of the Faculty of Graduate and Postdoctoral Studies. International students are required to submit an English proficiency exam such as the TOEFL or IELTS.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess a master's degree in microbiology or a related area, with clear evidence of research ability or potential. Transfer from the master's to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies. Exceptional students may be admitted directly to the Ph.D. program from the bachelor's level.

Program Requirements

During their first year, students entering with a B.Sc. will be required to complete 12 credits of coursework with a first class standing, including 6 credits of Microbiological and Immunological Research (MICB 506). Students entering the Ph.D. program with an advanced degree (such as an M.Sc.) will be required to take 3 credits of MICB 506 within the first year in the program. Other course requirements will be at the discretion of the dissertation supervisory committee. A maximum of 6 credits may be taken as 300- or 400-level courses. All doctoral students are required to successfully complete a comprehensive examination within 18 months of starting their program. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.



Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program normally possess a bachelor's degree in microbiology or related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

Students must complete a total of 12 credits of coursework, including Microbiological and Immunological Research (MICB 506, 6-credit version) which will be taken in the first year of the program. In addition, the student must perform research work under a research supervisor and write and defend the 18-credit MICB 549 thesis based on this research.

Contact Information

Department of Microbiology & Immunology
Life Sciences Centre
2350 Health Sciences Mall
Vancouver, BC, Canada V6T 1Z3
Tel: 604.822.3615
Fax: 604.822.6041
Email: grad@microbiology.ubc.ca
Web: www.microbiology.ubc.ca (<http://www.microbiology.ubc.ca>)
Darlene Birkenhead, Graduate Program Coordinator

Last updated: June 4, 2021

Degree Programs > Mining Engineering

Degrees Offered: Ph.D., M.A.Sc.

Members

Professors

W. S. Dunbar, B. Klein, M. Pawlik, M. Scoble, D. J. A. van Zyl, M. M. Veiga.

Associate Professors

D. Elmo, J. Steen.

Assistant Professors

M. Holuszko, N. Kunz, A. Madiseh, I. Miskovic, S. Miskovic.

Program Overview

The graduate program in Mining Engineering offers opportunity for study in the fields of mining and mineral processing, including mine environment and coal preparation. Areas of research interest are indicated below.

- **Mining.** Mine economics and valuation, mine design, drilling and blasting methods, rock mechanics and slope stability, optimization and simulation of mining operations, advanced mining methods, mine services (particularly mine ventilation), and climatic control.
- **Mineral processing.** Unit operations, comminution, process modelling and optimization, expert systems, instrumentation and computer control. Flotation, surface chemistry, fines recovery, coal recovery, treatment of fine and oxidized coal, and precious metals recovery.
- **Mining and Environment.** Acid rock drainage, environmental protection, effluent control and treatment. Social and legal aspects of sustainable mining practices, small-scale mining in developing countries.

Applicants must satisfy the admission requirements of the Faculty of Graduate and Postdoctoral Studies (<http://www.calendar.ubc.ca/vancouver/proof/edit/index.cfm?tree=12,204,340,0>). For applicants with credentials from international institutions, this includes the English language proficiency requirement.

Students should note that not all courses listed are offered every year.

Doctor of Philosophy



Admission Requirements

Students admitted to the Ph.D. degree program normally possess an M.A.Sc. degree in Mining Engineering or a related area, with clear evidence of research ability or potential. All applicants must meet the Faculty of Graduate and Postdoctoral Studies' minimum academic standards for admission. Transfer from the master's to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies.

Interested applicants should contact the Department for further information. Students who wish to be considered for financial assistance should apply for admission as early as possible.

Program Requirements

The Ph.D. program combines coursework with a research dissertation. Students select their courses in consultation with faculty to suit their research needs.

All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Applied Science

Admission Requirements

Students admitted to the M.A.Sc. degree program normally possess a bachelor degree in mining engineering or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.A.Sc. program combines research and coursework and requires a total of 30 credits. A research thesis is assigned between 6 to 12 credits by the head of the Department in consultation with the research supervisor.

For information about the professional Master of Engineering (M.Eng.) program, please see the *Faculty of Applied Science* or visit the Program (<http://www.mining.ubc.ca>).

For information about the Graduate Certificate in Global Mine Waste Management Program, please see the Faculty of Applied Science - Graduate Certificate Programs (<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,195,1018,0>) or visit the Program (<http://www.mining.ubc.ca>).

Contact Information

Norman B. Keevil Institute of Mining Engineering
517-6350 Stores Road
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.2540
Fax: 604.822.5599
Email: gradprogram@mining.ubc.ca
Web: www.mining.ubc.ca (<http://www.mining.ubc.ca>)
Dr. Marek Pawlik, Graduate Advisor
Anne Broženský, Graduate Student Support

Last updated: June 4, 2021

Degree Programs > Modern Language Education

Degrees Offered: M.A., M.Ed.

Members

Professors

P. Duff, L. R. Kubota.

Associate Professor

M. Bournot-Trites.

Assistant Professor

.....



M. Wernicke.

Program Overview

The graduate program in Modern Language Education (MLED) examines the social, linguistic, educational, cognitive, cultural, and political processes affecting the teaching, learning, assessment, and use of languages other than English, whether learned as a first, second/additional, or heritage language. The program faculty have special expertise in MLED teaching methods, language assessment, bilingualism, French as a Second Language, French immersion education, multilingual literacies, Asia-Pacific languages in education, heritage language education, technology in language education, language policy, and research on classroom teaching/learning of modern languages.

Students who would like to undertake a Ph.D. specializing in Modern Language Education can do so through the program in [Language and Literacy Education](#).

Full-time and part-time study options are offered.

Master of Arts

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Studies requirements, the program normally requires:

1. 18 credits of senior coursework or a professional concentration in the area of interest, and
2. two years of teaching experience or other relevant professional experience.

Program Requirements

The program consists of 30 credits. A maximum of 6 credits may be taken at the 300- or 400-level. A 9-credit thesis (LLED 599) is included.

Master of Education

Admission Requirements

Same as for the M.A.

Program Requirements

The program consists of a minimum of 30 credits, of which 24 must be courses numbered at the 500-level. A maximum of 6 credits may be taken at the 300- or 400- level. Students select either a program consisting entirely of courses (for example, ten 3-credit courses) or 27 credits of coursework plus a graduating project (3 credits).

Contact Information

Department of Language and Literacy Education
2013-6445 University Boulevard
Vancouver, BC, Canada V6T 1Z2
Graduate Programs Assistant
Tel: 604.822.8259
Fax: 604.822.3154
Email: lled.gradassistant@ubc.ca
Web: www.lled.educ.ubc.ca (<http://www.lled.educ.ubc.ca>)

Last updated: June 4, 2021

Degree Programs > Museum Education

Degrees Offered: M.M.Ed.

Members

Professor

D. Anderson.



Associate Professor

C. Nicol.

Program Overview

The primary focus of the Master of Museum Education program is to examine how all aspects of a museum support the facilitation of learning with visitors of all ages and children in Kindergarten to Grade 12. The program is designed for museum educators, museum professionals interested in the educative process, teachers, and dedicated community members who are interested in examining the potentials of learning in the context of museums and other informal settings.

Master of Museum Education**Admission Requirements**

In addition to the Faculty of Graduate and Postdoctoral Studies requirements (<http://www.grad.ubc.ca/prospective-students/application-admission/minimum-academic-requirements-canadian-or-us-credentials>), the program normally requires:

1. 18 credits of senior-level coursework or a professional concentration in the area of interest, and
2. a minimum of two years of teaching experience or other relevant professional experience.

Program Requirements

The Master of Museum Education (M.M.Ed.) program consists of a minimum of 30 credits, of which 24 must be courses numbered at the 500-level. A maximum of 6 credits may be taken at the 300- or 400-level. Students select either a program consisting entirely of courses (for example, ten 3-credit courses), or 27 credits of coursework, plus a 3-credit graduating project.

The following are required courses (3 credits each):

- ANTH 518 Museum Methods (Museum Practices)
- EDCP 565 Teaching in Museums (*Teaching in Informal Settings*)
- EDCP 558 Science Learning in Informal Environments (*Learning Theory*)
- EDCP 567 Curriculum Issues & Theories in Museums (*Curriculum Theory*)
- EDCP 598 Field Experiences (*Professional Practice in Museums*)
- EDUC 500 Research Methodology in Education (*Research Inquiry*)

Electives will be chosen from the following list:

- ANTH 431 (3/6)d Museum Practice and Curatorship
- ANTH 541 (2-6)d Advanced Seminar and Workshop on Museum Studies
- CCST 501 (3) Contemporary Contextual Issues for Critical and Curatorial Practice
- CCST 502 (3) Case Studies in Exhibitions and Institutions
- EDCP 328 (3) Environmental Education
- EDCP 447 (3) Technology-based Science Education
- EDCP 449 (3) Teaching Earth and Space Science Beyond the Textbook
- EDCP 450 (3) Teaching Life Science Beyond the Textbook
- EDCP 451 (3) Teaching Physical Science Beyond the Textbook
- EDCP 504 (3-12)c Review of Research in Art Education: Theory and Practice
- EDCP 510 (3) Video Ethnography in Educational Research: Culture, Technology, and Interpretation
- EDCP 512 (3/6)d Educational Action Research
- EDCP 513 (3) Case-study Research and Cross-Case Analysis
- EDCP 514 (3) Arts-based Educational Research: A/R/tography
- EDCP 520 (3) Perspectives, Practice, and Curriculum Issues in Contemporary Art Education
- EDCP 522 (3) Psychological Foundations of Art Education
- EDCP 523 (3/6)d Seminar in Art Education
- EDCP 538 (3) Theory and Research in Environmental Education
- EDCP 541 (3) Problems in Historical Understanding
- EDCP 555 (3) Critical Analysis of Curriculum in Science Education
- EDCP 557 (3) Conceptual and Practical Issues in Teaching and Learning of the Sciences
- EDCP 559 (3) Research in the Teaching and Learning of the Sciences
- EDCP 566 (3) Curriculum Change, Planning, and Implementation
- EDCP 590 (3) Graduating Paper
- ETEC 521 (3) Indigeneity, Technology, and Education

Contact Information



Department of Curriculum and Pedagogy
2125 Main Mall
Vancouver, BC, Canada V6T 1Z4
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Email: edcp.grad@ubc.ca
Web: www.edcp.educ.ubc.ca (<http://www.edcp.educ.ubc.ca>)
Alan Jay, Graduate Program Assistant

Last updated: June 4, 2021

Degree Programs > Music

Degrees Offered: Ph.D., D.M.A., M.A., M.Mus.

Members

Professors

T.P. Carrabré, D. Chang, S. G. Chatman, A. Fisher, K. A. Hamel, C. Hamm, N. J. Hermiston, N. Hesselink, G. Langager, D. J. Metzger, J. B. Roeder, R. Sharon, R. Taylor, M. Tenzer, J. Wood.

Associate Professors

M. Anderson, D. Gillham, J. Girard, H. Law, R. Pritchard, L. van Handel, E. J. Wilson.

Assistant Professors

J. Franch-Ballester, E. Poudrier, J.P. Raftery, M. Thibeault, C. Vellutini, V. Whitney.

Program Overview

The School of Music offers graduate programs and degrees in three broad fields of specialization: performance, composition, and music scholarship. The Master of Music (M.Mus.) is offered in composition, conducting (emphases in choral, orchestral, or wind), guitar, harpsichord, opera, organ, orchestral instruments, piano, or voice. The Doctor of Musical Arts (D.M.A.) is offered in composition and performance concentration in piano, voice, or orchestral instruments. The Master of Arts (M.A.) and the Doctor of Philosophy (Ph.D.) in Music are offered with emphases on theory, historical musicology, and ethnomusicology.

The School occupies a well-equipped building, which includes the recently-renovated Roy Barnett Recital Hall (255 seats). The School also occupies the adjacent Old Auditorium building, which features a beautiful renovated 525-seat proscenium theatre with orchestra pit and fly system, where the majority of UBC Opera Ensemble rehearsals and performances take place. The nearby Chan Centre for the Performing Arts includes the 1,400-seat Chan Shun Concert Hall, where the UBC Symphony Orchestra and Symphonic Wind Ensemble rehearse and perform. The School maintains an ethnomusicology studio in Room 105 of the Asian Centre where the Balinese Gamelan, Korean Percussion Ensemble, Chinese Music Ensemble, and African Music and Dance Ensemble rehearse. The Music, Art and Architecture Library houses the second largest collection in Canada, including over 70,000 books and scores. The School owns a growing collection of instruments, including 100 pianos, several important violins, a 64-rank organ by Casavant (1969), many historical wind and string instruments (including two harpsichords and a forte piano), and instruments representing several world music traditions and used by numerous ensembles.

Doctor of Philosophy

Admission Requirements

Admission to the Ph.D. program requires a master's degree and evidence of research competence. In addition, all applicants must meet the Faculty of Graduate and Postdoctoral Studies' minimum academic standards for admission. Areas of specialization include scholarly studies in musicology, music theory, and ethnomusicology, with individual programs subject to explicit orientation and certification in one of these three major directions.

Transfer from the M.A. to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The program is designed to provide thorough training in the techniques and applications of musical research and analysis. The dissertation is expected to demonstrate a capacity for doing research which enhances or qualifies existing bodies of knowledge, or which presents important new interpretations of prevailing materials and methods.

Credit requirements for the Ph.D. are: 21 credits of coursework, comprehensive examinations, and a dissertation. For language requirements, a Graduate Programs brochure is available from the School of Music.



Doctor of Musical Arts

The D.M.A. program is designed for performers and composers who have already reached a high level of proficiency and artistry in their fields and who may wish to teach at the university level. This program offers an opportunity to bring creative and performance achievement to a high level while enriching individual backgrounds with cognate studies in performance practice, music literature, music theory, and music history. Graduate student composers work closely with faculty in composition and music theory, and are expected to compose major works for public performance in addition to fulfilling course requirements.

Admission Requirements

In addition to meeting the Faculty of Graduate and Postdoctoral Studies' minimum academic standards for admission, applicants must possess an M.Mus. degree or equivalent and outstanding performing ability. Transfer from the M.Mus. to the D.M.A. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

Requirements for the D.M.A. in composition are: 30 credits of coursework (15 of which are in the major field, the remainder being in academic seminars in music history, music theory, and ethnomusicology; and elective courses); a comprehensive examination in the field; a completed portfolio of works; and a thesis comprising a major musical composition and supporting written document.

The D.M.A. in performance requires 43 to 45 credits (of which 60% are in the major field, the remainder being in academic seminars in music history, music theory, and ethnomusicology; and elective courses); a comprehensive examination in the major field; and a multi-part thesis requirement comprising performances as specified by the appropriate division within the School of Music, a lecture-recital, and a supporting written document.

Master of Arts

The M.A. program, offered in the fields of historical musicology, music theory and ethnomusicology, is designed to acquaint the student with methods of scholarly research.

Admission Requirements

In addition to meeting the Faculty of Graduate and Postdoctoral Studies' minimum academic standards for admission, applicants must fulfill supplemental admission requirements as outlined by the Program (<http://www.music.ubc.ca/application-requirements-by-program/#ma>).

Program Requirements

The Program provides broad general training in addition to opportunities for specialized research in particular areas of inquiry. Prescribed curricula are flexible, providing latitude to meet diverse individual needs.

Credit requirements for the M.A. are 30-32 credits in a mixture of prescribed and elective courses, depending on the field of emphasis. Proficiency in one appropriate language must be demonstrated. A thesis is normally required; substitution with appropriate coursework requires approval from the School of Music. The program normally takes two years to complete.

Master of Music

The M.Mus. degree with specializations in composition, conducting, guitar, harpsichord, opera, organ, orchestral instruments, piano, or voice is offered to students who have achieved necessary levels of attainment and productivity at the undergraduate level, and who give reasonable promise of further significant accomplishment. This degree is often a final academic step for the musician who wishes to enter the professional world, although it may prove to be an intermediate step for those wishing to prepare for university teaching.

Admission Requirements

In addition to meeting the Faculty of Graduate and Postdoctoral Studies' minimum academic standards for admission, applicants must possess outstanding performing ability.

Program Requirements

Students in Performance present a recital or opera performance in lieu of thesis, while the graduate composition student presents a program of original works. A two-year residency is the norm.

Credit requirements for the M.Mus. are: 33-39 credits (including a 6-credit thesis comprised of one or more required recitals, and 18-25 credits of required courses, including private study).

Contact Information

School of Music
6361 Memorial Rd.



Vancouver, BC, Canada V6T 1Z2
Web: www.music.ubc.ca (<http://www.music.ubc.ca>)

Katherine Evans, Manager for Admissions and Recruitment
Tel: 604.827.1595
Fax: 604.822.4884
Email (music.admissions@ubc.ca)

Amy Farahbakhsh, Academic Advisor
Tel: 604.827.5502
Fax: 604.822.4884
Email (music.advisor@ubc.ca)

Last updated: June 7, 2021

Degree Programs > Music Education

Degrees Offered: M.A., M.Ed.

Members

Professors

P. Gouzouasis.

Associate Professors

S. Goble.

Program Overview

The graduate programs (M.Ed. and M.A.) in Music Education are part of the graduate offerings in the Department of Curriculum and Pedagogy.

The Program actively encourages cross-faculty involvement (e.g., with the School of Music). Specializations include: conducting (choral and instrumental), pedagogy, curriculum development, distance education and distributive learning, early childhood music, cultural studies, music and media studies, evaluation and assessment, music psychology, new media and music technologies, and teacher education. Research approaches include ethnography, experimental and correlational research, historical research, narrative inquiry and other forms of arts-based educational research, and philosophical and critical analysis.

Master of Arts

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Studies requirements, the Program normally requires:

- 18 credits of senior coursework or a professional concentration in the area of interest, and
- two years of teaching experience or other relevant professional experience.

Program Requirements

The program consists of 30 credits. At least 15 credits must be at 500-level or higher. A maximum of 6 credits may be taken at the 300- or 400-level. A thesis, normally 9 credits, is included.

Master of Education

Admission Requirements

Same as for the M.A.



Program Requirements

The program consists of a minimum of 30 credits, of which 24 must be courses numbered at the 500-level. A maximum of 6 credits may be taken at the 300- or 400- level. Students select either a program consisting entirely of courses (30 credits) or 27 credits of coursework plus a 3-credit graduating project.

Contact Information

Department of Curriculum and Pedagogy
2125 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.5367
Email: edcp.grad@ubc.ca
Web: www.edcp.educ.ubc.ca (<http://www.edcp.educ.ubc.ca>)
Alan Jay, Graduate Program Assistant

Last updated: June 7, 2021

Degree Programs > Neuroscience

Degrees Offered: Ph.D., M.Sc.

Members

Professors Emeriti

K. G. Baimbridge, J. Church, C. M. Clark, K. Dorovini-Zis, S. J. Kehl, B. Gorzalka, C. McIntosh, J. G. McLarnon, W. K. Milsom, C. C. G. Naus, J. J. Oger, A. Rose, D. R. Stapells, S. R. Vincent, J. Weinberg, A. Zis.

Professors

V. J. Auld, J. Austin, S. Bamji, J. J. S. Barton, L. Boyd, L. Brotto, B. E. Cairns, N. Cashman, K. Christoff, L. Clark, A. M. Craig, M. S. Cynader, A. Diamond, D. Doudet, E. Eich, J. Eng, J. T. Enns, D. Fedida, S. Floresco, S. Frangou, L. A. M. Galea, D. Giaschi, D. Goldowitz, P. Graf, C. Gregory-Evans, K. Gregory-Evans, R. Grunau, K. Haas, M. R. Hayden, R. Holt, W. G. Honer, J. Illes, T. Inglis, A. Kingstone, A. V. Krassioukov, R. Krausz, U. Kumar, B. Kwon, R. Lam, T. Lam, B. Leavitt, P. C. K. Leung, T. Liu-Ambrose, B. A. MacVicar, J. A. Matsubara, M. J. McKeown, R. S. Molday, T. H. Murphy, T. Oberlander, T. O'Connor, D. Pai, P. Pavlidis, J. Penninger, A. Phillips, C. H. Rankin, L. A. Raymond, P. B. Reiner, A. J. Roskams, B. R. Sastry, J. Seamans, C. Shaw, E. M. Simpson, T. Snutch, P. J. Soja, K. Soma, W. Song, J. Stoessl, N.V. Swindale, W. Tetzlaff, A. L. Traboulsee, H. Tremlett, V. Viau, Y. T. Wang, L. M. Ward, C. Wellington, J. Werker, C. Winstanley, T. Woodward, L. N. Yatham.

Associate Professors Emeriti

R. M. Douglas, K. Y. N. Kwok.

Associate Professors

E. Accili, D. Allan, A. Barr, C. Beasley, M. Gordon, A. Herdman, R. Hsiung, L. F. Kastrukoff, S. Kolind, D. Lang, C. Laule, O. Moritz, H. Moukhles, E. Ngan, J. R. O'Kusky, I. Oruc, E. Puterman, M. Ramer, A. Rauscher, R. Rensink, C. Ross, N. Shahnaz, J. Snyder, M. Spering, R. Tam, R. Todd, N. Virji-Babul.

Assistant Professors

M. Cembrowski, T. Chakrabarty, J. LeMoult, B. Matthews, H. Nygaard, D. Palombo, C. Pollock, J. Quandt, M. Ranger, F. Vila-Rodriguez, A. Vogel-Ciernia.

Program Overview

The Neuroscience program is administered by the Neuroscience Advisory Committee which is responsible to the Dean of the Faculty of Graduate and Postdoctoral Studies. The Neuroscience program is flexible and is intended to accommodate the diverse background of students wishing to enter it, and also takes into account the broad nature of neuroscience research. The program accepts applicants with undergraduate majors in a variety of disciplines including but not restricted to biology, biochemistry, computer sciences, engineering, mathematics, neurosciences, pharmacology, physics, physiology, psychology, and zoology. Applicants with credentials from a university outside of Canada in which English is not the primary language of instruction must present acceptable [English language proficiency](#) test results (either TOEFL or IELTS). Graduates with a professional degree (M.D., D.M.D., D.V.M.) may also be accepted into the program.

Doctor of Philosophy

Admission Requirements



Prerequisites include either a master's degree, or a bachelor's degree with first class standing or equivalent. Transfer from the M.Sc. to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations.

Acceptance into the program is dependent upon:

- meeting the general entrance requirements of the Faculty of Graduate and Postdoctoral Studies,
- acceptance by the Neuroscience Admissions Committee, and
- acceptance from a faculty member willing to act as the student's supervisor in a graduate program in Neuroscience.

Program Requirements

The student's graduate program will be decided upon by the student and the student's supervisory committee. The program aims for flexibility so that the individual needs of students with different interests in neuroscience can, as far as possible, be accommodated.

Courses taken at other universities or during an undergraduate program will be taken into consideration in planning core course curriculum.

All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Prerequisites include a bachelor's degree or its academic equivalent in a related subject.

Admission to the M.Sc. requires an overall average of 80% or better in all third- and fourth-year courses expected for entry into the program.

Acceptance into the program is dependent upon:

- meeting the general entrance requirements of the Faculty of Graduate and Postdoctoral Studies,
- acceptance by the Neuroscience Admissions Committee, and
- acceptance from a faculty member willing to act as the student's supervisor in a graduate program in Neuroscience.

Program Requirements

The M.Sc. program consists of at least 18 credits of coursework, usually taken in the first year (no more than 6 credits at the 300- or 400-level), and a 12-credit research thesis, for a total of 30 credits.

The graduate program will be decided upon by the student and their supervisory committee. The program aims for flexibility so that the individual needs of students with different interests in neuroscience can, as far as possible, be accommodated.

Contact Information

Graduate Program in Neuroscience
3402-2215 Wesbrook Mall, DM Centre for Brain Health
Vancouver, BC Canada V6T 1Z3
Tel: 604.822.7375
Fax: 604.822.0361
Email: ubc.neuroscience@ubc.ca
Web: www.neuroscience.ubc.ca (<http://www.neuroscience.ubc.ca>)
Jennifer K. Campbell, Graduate Program Coordinator

Last updated: June 7, 2021

Degree Programs > Nursing

Degrees Offered: Ph.D., M.S.N., M.P.H./M.S.N., M.N.-N.P.

Members

Professors Emeriti

W. A. Hall, M. J. Lynam.



Professors

G. Boschma, A. Browne, V. Bungay, M. MacPhee, J. Oliffe, A. Phinney, E. Saewyc, S. Thorne, C. Varcoe, S. Wong.

Associate Professor Emeritus

P. Rodney.

Associate Professors

J. Baumbusch, H. Brown, S. Campbell, L. Currie, S. Dahinten, B. Garrett, M. Moss.

Assistant Professors

K. Haase, F. Havaei, S. Hirani, L. Hung, F. Howard, E. Jenkins, E. Ojukwu, M. Ranger, L. Wytenbroek.

Program Overview

The School of Nursing offers four graduate degrees: a Master of Science in Nursing (M.S.N.), a Master of Nursing (M.N.), the Doctor of Philosophy (Ph.D.), and the Master of Health Leadership and Policy in Seniors Care (M.H.L.P. in S.C.) in partnership with Applied Science, as well as one dual degree with the School of Population & Public Health – a Master of Public Health and Master of Science in Nursing (MPH/MSN). These graduate degree programs provide advanced professional leadership, clinical scholarship, and research training.

Doctor of Philosophy

Admission Requirements

Applicants to the program are admitted on the basis of outstanding achievement in their master's program; evidence of potential for research and scholarship; an ability to be self-directed; and articulated goals in keeping with the resources available in the program, including available faculty support and programs of research. The number of qualified applicants that can be accepted in any given year is determined by faculty resources and other factors. Applicants must at minimum meet the admission requirements of the Faculty of Graduate and Postdoctoral Studies. Canadian students must hold practising nurse registration in BC or another province. International students must meet general eligibility criteria for nurse registration in BC.

Transfer from the M.S.N. to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The Ph.D. program in Nursing is designed to prepare researchers and leaders to develop the knowledge base of nursing. The program combines core courses totaling 9 credits and support courses as specified by the supervisory committee. All doctoral students are required to successfully complete a comprehensive examination and an oral candidacy examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science in Nursing

The M.S.N. program is designed to prepare graduates to function as leaders in a range of roles such as education, advanced practice, policy implementation, health care management, and nursing knowledge development.

Admission Requirements

Applicants must be registered nurses with a bachelor's degree, normally in nursing, who meet the admission requirements of the UBC Faculty of Graduate and Postdoctoral Studies. Successful applicants will be drawn from the top-ranked candidates who have a minimum overall average of 76% at the third- and fourth-year levels, with a first class standing (80% or above) in 12 credits or more of nursing courses in their baccalaureate program. In order to be included among the top-ranked candidates, there must be clear evidence that the applicant is competent to pursue studies in the English language. Completion of a satisfactory TOEFL (Test of English as a Foreign Language), may be required before any offer of admission can be made.

Program Requirements

The program provides basis for leadership in professional nursing practice and also creates a foundation for doctoral studies. Students complete a total of 30 credits, comprising core, focus, and elective courses. The student must complete either a 3-credit research project (NURS 595) or a 9-credit thesis (NURS 599). Completion of NURS 599 master thesis includes an oral examination.

Dual Degrees: Master of Public Health/Master of Science in Nursing

This program permits students to obtain a dual M.P.H. (Master of Public Health) - M.S.N. (Master of Science in Nursing) degree. Students may apply to the School of Population and Public Health and the School of Nursing to pursue an enriched curriculum in public health and nursing studies. For more information on the dual degree program, see [Population and Public Health](#).



Master of Nursing

The M.N. degree is designed to prepare graduates in a specialized area of nursing practice within the context of a professional graduate education.

Nurse Practitioner

The M.N. Nurse Practitioner (M.N.-N.P.) program prepares nurse practitioners who will work in primary care settings. Graduates will be prepared to assess, diagnose, and treat common and predictable conditions across the lifespan, and will be eligible to apply for registration as Nurse Practitioner (Family) in British Columbia.

Admission Requirements

Applicants must meet general requirements of the UBC Faculty of Graduate and Postdoctoral Studies for admission, including a minimum overall average of 76% at the third- and fourth-year levels, with a First class standing (80% or above) in 12 credits or more of nursing courses in their bachelor's program. In addition, they must hold current registration as a Registered Nurse in British Columbia and have completed a minimum of three years of clinical practice as a registered nurse, demonstrate clinical excellence, and provide evidence of their ability to work autonomously. Applicants with previous graduate level preparation in nursing or course equivalence established by the British Columbia College of Nurses and Midwives (BCCNM) may be considered for advanced standing in the M.N.-N.P. program or for exemptions from specified coursework. Exemptions will be determined on an individual basis by the M.N.-N.P. Program Admissions Committee.

Program Requirements

In accordance with the professional and regulatory requirements associated with this form of advanced nursing practice, this option normally comprises 56 credits of coursework, combining 9 credits of graduate level theory courses in common with the M.S.N. program core requirements, up to 44 credits of primary health care theory and practice training, and a 3-credit culminating scholarly project.

Master of Health Leadership and Policy in Seniors Care (M.H.L.P. in S.C.)

The Master of Health Leadership and Policy in Seniors Care (M.H.L.P. in S.C.) professional program is designed to prepare professionals to lead, design, and deliver comprehensive care and services for seniors in a range of community and institutional settings in both the public and private sectors. The goal of the program is to provide learning experiences that enable graduates to complement their knowledge of the health of seniors with both substantive knowledge related to seniors care and knowledge of business operations.

Students may apply through Applied Science Professional Programs. For more information on the M.H.L.P. program see the professional programs portal (<http://apscpp.ubc.ca/>).

Contact Information

School of Nursing
T201-2211 Wesbrook Mall
Vancouver, BC, Canada V6T 2B5
Tel: 604.822.7446
Fax: 604.822.7466
Web: www.nursing.ubc.ca (<http://www.nursing.ubc.ca>)

Prospective Students and Applicants:
Tel: 604.822.7446
Fax: 604.822.7466
Email: gino.kim@ubc.ca
www.nursing.ubc.ca/graduate-learning/admissions-1 (<http://www.nursing.ubc.ca/graduate-learning/admissions-1>)

Current Students Registered in Degree Programs
academic.support@nursing.ubc.ca
www.nursing.ubc.ca/graduate-learning/academic-requests/academic-request-instructions
(<http://www.nursing.ubc.ca/graduate-learning/academic-requests/academic-request-instructions>)

Last updated: June 7, 2021

Degree Programs > Nutrition and Dietetics

This program is pending final approval by the Ministry of Advanced Education and Skills Training.

Degree Offered: M.N.D.

Program Overview



The Master of Nutrition and Dietetics (MND) is an entry-to-practice professional graduate program that meets the accreditation standards for the dietetics profession in Canada. Graduates of the MND program will be eligible to write the national exam to qualify to register with a provincial dietetic regulatory body in order to use the designation Registered Dietitian (or Dietitian) and practice dietetics. The program involves 28 months of study with practice education placements occurring throughout the program and across British Columbia. The curriculum includes courses that focus on advanced clinical nutrition, food provision management, leadership, business and entrepreneurship, counselling, Indigenous People's health, social justice and professional dietetic practice. This program is intended for applicants who hold an undergraduate degree. Applicants who do not hold an undergraduate degree are invited to apply to the entry-to-practice undergraduate Dietetics Major.

Admission Requirements

Admission to the program is offered on a competitive basis due to annual enrolment limits. Applicants must meet the minimum admission requirements established by the Faculty of Graduate and Postdoctoral Studies. Note there is an English proficiency requirement.

Additional admission requirements include:

Successful completion and an academic standing of at least 72% (B) final mark is required in each pre-requisite course (or their equivalents)*:

- Human Physiology (3 credits), e.g. BIOL 155, BIOL 153, CAPS 301.
- Introductory Biochemistry (3 credits), e.g. BIOL 201, BIOC 202
- Statistics (3 credits), e.g. STAT 200, LFS 252, BIOL 300, EPSE 482, FRST 231.
- Introductory Nutrition (3 credits), e.g. FNH 250.
- Introductory Food Science (3 credits), e.g. FNH 200.

*Note: Many of the above courses have required pre-requisite courses. Applicants should seek out appropriate advising from LFS Graduate Student Advising to ensure they meet admissions requirements.

Non-academic Application Components:

- (1) Cover letter, resume, and references
- (2) Interview. These application components are used to assess an applicant's commitment to and suitability for the profession of dietetics.

Non-academic application components are assessed on a variety of metrics. For details, refer to the program website.

Candidates are selected for interviews based on competitive academic standing in senior-level courses and non-academic components.

Fulfillment of the minimum requirements, however, does not guarantee an interview. For more information on admission score and factors that will be considered for an applicant's suitability for the program, refer to the program website.

Program Requirements

The program consists of 87.5 credits, 39 of which are practice education placements (practicum).

Students must successfully complete all academic requirements of coursework:

FNH 380, HUNU 500, 510, 515, 525, 540¹, 541², 545, 550, 560, 573, 575, 576, 577, 579³, 580, 581³, 582³, 583³.

¹ Course registrants are required to possess a current Food Safe I Certificate.

² Students are required to possess a current Food Safe II Certificate.

³ Practice education placement (practicum) courses.

Once admitted to the MND Program, all students are required to abide by program-specific policies and maintain a good academic standing (<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,204,342,615>). Students must also meet the following program-specific advancement requirements: they must pass all courses, maintain an academic average at or above B- (68%). If a student is unable to pass a practice education placement component of the program, the student is permitted to redo one practicum placement (of a maximum duration of 4 weeks) once to achieve competency. Students who are unable to demonstrate competency during their practice education placements will fail the course and are required to withdraw from the program.

Students can expect to relocate for part or all of the practice education component of the program to ensure well rounded experiences and equitable placement rotation between all students in the province. Exemptions for attending an out-of-town placement are granted only under certain limited circumstances. Relocation accommodations for students in specific circumstances (e.g. care of a dependent) will be considered in placement decisions.

Contact Information

Dietetics Education Coordinator, Faculty of Land and Food Systems



Degree Programs > Occupational Therapy

Degree Offered: M.O.T.

Members

Professors

C. Backman, S. J. Forwell, T. Jarus, W. H. Miller.

Associate Professors

L. Holsti, B. Mortenson, L. Nimmon, J. Zwicker.

Assistant Professors

S. Barbic, S. Huot, L. B. Sakakibara, J. Schmidt.

Professor Emeritus

I. Dyck

Associate Professor Emeritus

L. Jongbloed, S. J. Stanton, M. Suto.

Assistant Professor Emeritus

L. N. Quastel

Program Overview

Occupational therapists provide specialized rehabilitation services to maintain, restore, or improve the ability of children and adults to perform the occupations of daily life, which may be impaired as a result of illness, injury, congenital or acquired disabilities, or social disadvantage. Occupational therapists focus on adapting the environment or improving the person's skills, to enhance performance in the areas of self-care (eating, dressing, personal hygiene), productivity (household work, employment, school), and leisure activities, thereby improving overall health and quality of life.

Master of Occupational Therapy

Admission Requirements

Candidates must meet minimum entry requirements (<http://grad.ubc.ca/prospective-students/application-admission/admission-requirements>) established by Graduate and Post-Doctoral Studies.

Admission is offered on a competitive basis due to the annual enrolment limits. Admission requirements include:

- Completion of a recognized baccalaureate degree in any field (equivalent to a UBC 4-year Bachelor's degree in any field, from any accredited post-secondary institution)
- Successful completion of the following prerequisites:
 - social sciences (3 credits);
 - behavioural sciences (3 credits)
 - human anatomy¹ (3 credits; focus on gross anatomy of musculoskeletal system of upper and lower limbs and trunk. See M.O.T. Admissions (<http://osot.ubc.ca/admissions/admission-requirements/admission-requirements-for-canadian-applicants/human-anatomy-course-review/>) for specific course requirements), and
 - a minimum of 70 hours of volunteer or paid work with individuals with disabilities at no more than two facilities.
- Response to a Question (<http://osot.ubc.ca/prospective-students/admission-requirements/>) requirement
- Completion of online assessment (CASPer Test-Computer Based Assessment for Sampling Personal Characteristics) (<http://osot.ubc.ca/prospective-students/admission-requirements/>)

¹A 3-credit course covering the following areas: 1) Upper limbs: bones, joints, muscles, nerves, and blood vessels in the upper limbs of the human body; 2) Lower limbs: bones, joints, muscles, nerves, and blood vessels



in the lower limbs of the human body; 3) Trunk: bones, joints, muscles, nerves, and blood vessels in the back and thorax of the human body. The Department Head will review course outlines that are not listed on M.O.T. Admissions (<http://osot.ubc.ca/admissions/admission-requirements/admission-requirements-for-canadian-applicants/human-anatomy-course-review/>) to evaluate course equivalency.

Admission is offered on a competitive basis. The annual enrolment and class size is limited.

Primary consideration for admission of domestic applicants is given to residents of British Columbia. Applicants are considered BC residents if they hold a currently valid BC Care Card at the time of application to the program.

Applicants who meet the above minimum requirements are eligible for interview consideration. Candidates are selected for interviews based on competitive academic standing in senior-level courses. The interview will comprise a verbal interview and an examination of written English proficiency. Fulfillment of the minimum requirements, however, does not guarantee an interview.

Applicants who would like to be considered for admission to the Master of Occupational Therapy's Northern and Rural Cohort must meet all admissions requirements and must complete a supplementary application form, available to download on the M.O.T Program website. This form is used to assess candidates' suitability for the cohort.

Program Requirements

The Master of Occupational Therapy degree provides the professional education necessary to obtain a licence to practice occupational therapy. It differs from the advanced or research master's degree in *Rehabilitation Sciences* which prepares practitioners with advanced research skills and requires completion and defense of a thesis.

Successful completion of all academic requirements (65 credits), including RHSC 420, OSOT 511, 513, 515, 519, 525, 527, 528, 538, 545, 547, 549, 551, 553, and 558, as well as fieldwork requirements as outlined by the Program (<http://osot.ubc.ca/programs/masters-of-occupational-therapy/curriculum/>).

Academic Progress

The Master of Occupational Therapy program is modular, meaning each course is made up of several specific evaluation components. The curriculum is sequential in design and students must build upon the knowledge and skills acquired in each term in order to progress to the subsequent term. Students are required to successfully complete course content (as stated in course outlines) within each term in sequence, unless otherwise approved by the department.

In addition to adhering to the Faculty of Graduate and Postdoctoral Studies requirements for satisfactory progress, students must also meet the following standard.

Students must achieve a minimum of 60% on all specific evaluation components related to professional competencies in order to pass the course. These components are identified in the course outline. Failed components must be repeated in order to demonstrate competency. If less than 60% is received on an evaluation component, the original grade will stand for purposes of calculating the cumulative course grade. Students must achieve a minimum of 65% on any repeated course component or they will fail the course unless otherwise stated in the course outline.

Only one component per course may be reevaluated for competency. Therefore students who receive a failing grade (less than 60%) in two or more components of any course will fail the entire course.

Fieldwork placements are considered specific evaluation components and are evaluated on a Pass/Fail basis. An additional placement in a similar practice area will be required if a student fails in a fieldwork placement. A competency demonstration placement is only offered once; and only one such placement can be offered throughout the program. Students who fail the competency demonstration placement will be required to withdraw from the program.

Contact Information

Department of Occupational Science and Occupational Therapy
T325-2211 Wesbrook Mall
Vancouver, BC, Canada V6T 2B5
Tel: 604.822.7196
Fax: 604.882.7624
Email: mot.admissions@ubc.ca
Web: osot.ubc.ca (<http://osot.ubc.ca>)
David Tsukada, MOT Program Manager

Last updated: June 7, 2021

Degree Programs > Occupational and Environmental Hygiene

Degrees Offered: Ph.D., M.Sc.

Members



Professors Emeriti

T. W. Anderson, M. L. Barer, P. Danielson, J. D. Forrester, S. Kennedy, S. A. Marion, R. G. Mathias, M. McDonald, R. E. Modrow, B. J. Morrison, G. Poole, S. B. Sheps; K. E. Teschke, D. H. Uyeno, C. van Netten.

Professors

K. Bartlett, M. Brauer, L. Frank, M. Koehoorn, A. Yassi.

Associate Professors

H. Davies, C. McLeod.

Assistant Professor

Kate Weinberger.

Program Overview

The graduate program in Occupational and Environmental Hygiene is offered by the School of Population and Public Health and is a complement to its graduate programs in Population and Public Health. The vision of the graduate program in Occupational and Environmental Hygiene is a world in which risks from occupational and environmental hazards are minimized by their recognition, evaluation, and control, to the benefit of workplace and community health and well-being.

Students interested in research or professional careers in any aspect of workplace or community environmental exposures and their impact on human health are encouraged to apply. The program's major research themes include acoustics, noise and vibration; exposure assessment; analytical methods development using immunological, biological, chemical and microsensor methods; occupational and environmental epidemiology; and risk assessment and translation of research to policy.

For additional information, see the [School of Population and Public Health](http://www.spph.ubc.ca) or SPPH (<http://www.spph.ubc.ca>).

Doctor of Philosophy

Admission Requirements

The Occupational and Environmental Hygiene doctoral program is no longer accepting applications for admission. Graduate study in occupational and environmental hygiene is available within the School of Population and Public Health. Interested parties should consult the existing [SPPH Ph.D. program](#).

Program Requirements

Students with a master's degree in occupational or environmental sciences must complete a minimum of 9 credits of courses; those from other disciplines must complete a minimum of 18 credits of courses, including 9 credits selected from a list of specified core courses. Specific course requirements are determined by the student's supervisory committee in consultation with the student; additional courses may be necessary in support of the proposed dissertation research. As research is the cornerstone of any doctoral program, emphasis will be on courses that promote an understanding of research methodologies. In addition to standard coursework all doctoral students must participate in the School's research seminars throughout their doctoral program. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Applicants to the M.Sc. program are expected to meet the Faculty of Graduate and Postdoctoral Studies' [Admission Requirements](#).

Program Requirements

Students in the M.Sc. program may choose to follow a project or thesis option. Because of the varied backgrounds of students, both options are relatively course-intensive and include specific non-credit requirements related to adult education in addition to regular coursework.

Students in the **project option** must complete 27 credits chosen from a list of specified core courses, a further 9 credits of approved electives, and a 6-credit project based on a four-month co-op placement (culminating in a comprehensive technical report and presentations) to make up a total of 42 credits of course and project work.

Students in the **thesis option** must complete 18 credits chosen from a list of specified core courses, a further 12 credits of approved electives, and a 12-credit research thesis (culminating in an oral examination) to make up a total of 42 credits of course and research work.



The minimum duration of the Program is 20 months.

Further details regarding required courses and non-credit activities are available from SPPH (<http://www.spph.ubc.ca>).

Contact Information

Shaine Meghji, Senior Program Assistant
School of Population and Public Health
2206 East Mall
Vancouver, BC Canada V6T 1Z3
Tel: 604.822.9437
Email: oe@spph.ubc.ca
Web: www.spph.ubc.ca/programs/msc-oe/ (<http://www.spph.ubc.ca/programs/msc-oe/>)

Last updated: June 7, 2021

Degree Programs > Oceanography

Degrees Offered: Ph.D., M.Sc.

Members

Professors

S. Allen, R. Andersen, R. Francois, M. Maldonado, E. Pakhomov, R. Pawlowicz, C. Suttle, P. Tortell.

Professors Emeritus

W. Hsieh.

Associate Professors

S. Crowe, K. Orians.

Assistant Professors

B. Hunt, S. Waterman.

Program Overview

Oceanographers investigate both fundamental and applied problems relating to the physics, mathematics, biology, chemistry, and geology of the sea, often working across traditional academic disciplines. Research carried out both independently and in collaboration with federal government laboratories occurs in many different oceanographic regimes, including coastal BC fjords, the inland sea of the Strait of Georgia, open ocean regions of the Subarctic Pacific, and many other locations, including the Arctic and Antarctic Oceans. The types of problems that can be studied include fundamental questions about the flow of stratified fluids at scales ranging from tens of meters to thousands of kilometers, applied research in estuaries, coastal, and deep-ocean processes, general ocean circulation and climate change issues, marine chemistry, geochemistry, and biogeochemistry, natural product chemistry, marine viruses, fisheries oceanography, plankton ecology and physiology, and primary production of the sea. The Department is well equipped to carry out research in the field (using either its own boat or larger vessels in the oceanographic fleet), at the laboratory bench, and in the numerical heart of a computer. Most problems involve aspects of all three.

Students in Oceanography may select courses, depending on their interest, from the following areas of specialization:

- biological oceanography
- marine chemistry and geochemistry
- physical oceanography and atmospheric sciences

Students are encouraged to broaden their knowledge by taking courses outside their area of specialization. Courses related to Oceanography are also offered in the Departments of Botany, Chemistry, Civil Engineering, Geography, Physics and Astronomy, and Zoology.

Oceanography students normally begin their studies in September but may sometimes arrange to start their thesis/dissertation work in the summer before their first Winter Session. A student wishing to do graduate work in Oceanography should first discuss the proposed program with appropriate faculty in the Department of Earth, Ocean and Atmospheric Sciences.



Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess a master's degree in an area of science or applied science, with clear evidence of research ability or potential. Transfer from the master's to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations.

Program Requirements

The Ph.D. program consists of appropriate coursework chosen in consultation with the student's committee. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program normally possess a bachelor's degree in an area of science or applied science, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.Sc. program consists of 12 credits of thesis and 18 credits of coursework, or 30 credits of coursework and an essay (EOSC 548, 3 credits).

Contact Information

Department of Earth, Ocean and Atmospheric Sciences
2020-2077 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.2713
Fax: 604.822.6088
Email: gradsec@eoas.ubc.ca
Web: www.eoas.ubc.ca (<http://www.eoas.ubc.ca>)

Last updated: June 7, 2021

Degree Programs > Oceans and Fisheries

Degrees Offered: Ph.D., M.Sc.

Members

Professors

W. Cheung, V. Christensen, S. Donner, C. Harley, E. Pakhomov, D. Pauly, T. Pitcher, R. Sumaila, C. Suttle, A. Trites, A. Vincent.

Associate Professor

M. McAllister.

Assistant Professors

M. Auger-Méthé, B. Hunt, D. Rosen.

Professors Emeriti

D. Newell, C. Walters.

Program Overview

The Institute for the Oceans and Fisheries (IOF) provides interdisciplinary graduate studies through the Oceans and Fisheries graduate program (OCF). The mission of IOF is to lead the way to healthy and sustainable marine and freshwater systems through excellent research, inspirational education, and innovative societal engagement. The graduate program trains marine and freshwater scientists to undertake basic and applied research that will help foster healthy marine and freshwater ecosystems and sustainable resource use. Students will deepen and broaden their interdisciplinary expertise by acquiring in-depth training in fisheries science, aquatic ecology, environmental physiology, natural resource economics, marine governance, and climate change. In



doing so, students will develop the research capacity and knowledge translation skills necessary for rewarding careers in academia, industry, government, NGOs and consulting.

Students in OCF formulate and follow academic programs that are specific to their individual educational goals and that can draw on the expertise of faculty at UBC and other affiliated universities, and also the private and public sectors. To enable this, OCF offers either a 12 credit thesis or 18 credit thesis Master of Science degree, and a Ph.D. degree. Graduate student supervisors are chosen from the IOF, and other units and departments within the faculties of Science, Forestry, Arts, and Land and Food Systems.

Doctor of Philosophy

Admission Requirements

Students must meet the Faculty of Graduate and Postdoctoral Studies PhD degree admission requirements.

English language requirements for admission to the program are higher than the minimum specified by the Faculty of Graduate and Postdoctoral Studies. Please see English Language Proficiency Standards and GRE Requirements (<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,204,345,0>) for more details.

Program Requirements

- Candidates admitted to the Ph.D. program will be required to take FISH 500 (3).
- Additional coursework is to be selected in consultation with the student's supervisory committee and is to be approved by the IOF graduate advisor.
- For further details on program requirements please refer to the departmental program website (<http://www.oceans.ubc.ca/graduate-program/current-students/program-requirements/doctor-phd/>)
- Candidates must pass a comprehensive examination taken within 24 months of registering in the program.
- Candidates must be enrolled in FISH 699 beginning in the second term of the 2nd year.

The expected time to completion is 4 years.

Master of Science

Admission Requirements

Students must meet the Faculty of Graduate and Postdoctoral Studies master's degree admission requirements.

English language requirements for admission to the program are higher than the minimum specified by the Faculty of Graduate and Postdoctoral Studies. Please see English Language Proficiency Standards and GRE Requirements (<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,204,345,0>) for more details.

Program Requirements

The M.Sc. in Oceans and Fisheries requires a minimum of 30 credits, including either a 12-credit or 18-credit thesis (FISH 549(12/18)).

Students writing the 12-credit thesis must complete a minimum of 18 credits of courses. Students writing the 18-credit thesis must complete a minimum of 12 credits of courses.

Students completing a 12-credit thesis must complete: FISH 500 (3), FISH 520 (6) and 9 credits of electives.

Students completing an 18-credit thesis must complete FISH 500 (3) and 9 credits of electives.

Students have flexibility in their choice of elective courses including graduate courses and up to 3 credits of senior undergraduate courses. For specific program requirements, including required courses and suggested elective courses for the 12-credit thesis and the 18-credit streams please refer to the UBC Institute for the Oceans and Fisheries M.Sc. Program website: [Link to: <https://oceans.ubc.ca/graduate-program/current-students/program-requirements/masters-msc/>.] Together with a research supervisor, students may also design their own courses in the form of a "Directed Studies" supervised by a faculty member. Students' academic program must be approved by the supervisory committee and the IOF graduate advisor.

Research conceived independently of the student's research supervisor is encouraged. However, the minimum requirement for the M.Sc. degree is to successfully complete directed research. The expected time to completion is two years.

Elective Categories

1. Ocean and Fisheries Assessment and Scientific Methods: EOSC 478, FISH 504, FISH 505, FISH 509, FISH 510, EOSC 573, EOSC 578, EOSC 510.
2. Ecological, Economic & Social Studies. FISH 501, FISH 502, FISH 506, FISH 508, EOSC 575, RES 510.



3. Governance & Policy. FISH 503, FISH 507, RES 586, FISH 520 (if the student is in the 18 credit thesis stream (see below)).
4. Aboriginal Ocean and Fisheries Management. FISH 506.
5. Conservation Science. BIOL 416, RES 506.
6. Science Communication. ANTH 478, FRST 544, FRST 545.

No more than 3 credits at the senior undergraduate level (300- or 400-level) may count towards the 30 credits required to complete the M.Sc.

Students' academic program must be approved by the supervisory committee and the IOF graduate advisor.

The expected time to completion is 2 years.

Contact Information

Institute for the Oceans and Fisheries
AERL 2202 Main Mall
Vancouver, B.C. Canada V6T 1Z4
Tel: 604-822-2731
Email: graduate.program@oceans.ubc.ca
Website: www.oceans.ubc.ca (<http://www.oceans.ubc.ca>)

Last updated: June 7, 2021

Degree Programs > Pathology and Laboratory Medicine

Degrees Offered: Ph.D., M.Sc.

Members

Professors

M. Allard, S. Aparicio, M. Bally, D. Brooks, A. M. Churg, N. Cimolai, H. Cote, D. Devine, D. Granville, D. Huntsman, A. Karsan, J. Kizhakkedathu, M. Krajden, G. Krystal, W. Lam, V. Ling, H. Luo, I. Mackenzie, T. Nielsen, C. Seow, P. Sorensen, C. Steidl, F. Takei, B. Verchere, P. Watson, C. Wellington, A. Weng, J. L. Wright, D. Yang.

Professors Emeriti

K. Dorovini-Zis, E. Evans, J. Frohlich, B. Gilks, W.J. Godolphin, D. F. Hardwick, J. C. Hogg, J. B. Hudson, A. B. Magil, B. McManus, M. Noble, D.A. Owen, M. Petric, P. H. Pritchard, R. Tan, V. White, H. Ziltener.

Associate Professors

K. Bennewith, A. Devlin, C. Laule, J. O'Kusky, T. Podor.

Associate Professors Emeriti

C. J. Carter, J. Y. C. Tai, D. Walker.

Assistant Professors

R. Klein Geltink, J. Lan, P. Lange, Y. Park, J. Quandt.

Program Overview

Experimental Pathology refers to research in any area of biomedical investigation that is relevant to human disease. Since it is necessary to understand the normal working of the system to fully define the changes associated with disease, the areas represented at UBC cover a wide range of fields and approaches. Work at all levels of biological organization is involved, from protein to lipoprotein biochemistry and molecular biology through cell and tumour biology, animal models for studies on pulmonary and cardiovascular pathophysiology and viral and bacterial infection processes, to clinical studies on human population and the AIDS epidemic. Projects suitable for graduate research are active in all these areas; current research funding awarded to faculty within the Department of Pathology exceeds \$6 million annually.

Doctor of Philosophy

Admission Requirements



Students admitted to the Ph.D. degree program either: possess a master's degree in pathology or a related area with clear evidence of research ability or potential; or transfer from our M.Sc. program having achieved a first class academic standing and demonstrated the ability to do research to the satisfaction of the supervisor and committee, or have completed a first-class honours degree in a relevant field.

Program Requirements

Students entering with an M.Sc. degree are required to complete PATH 501, PATH 502, PATH 635, and, if necessary, PATH 547. Other courses may be suggested by the Supervisory Committee.

Students who qualify to enter the Ph.D. directly with a bachelor's degree must, during the first year of study, complete 12 credits with a first class average. Normally, 9 credits must be at the 500-level or higher, and at least 9 credits must be of first-class standing.

Students who wish to transfer from the Master's to the Ph.D. program are required to complete one year of study in the Master's program, with 12 credits at a first-class average. Normally, 9 credits must be at the 500-level or higher, and at least 9 credits must be of first-class standing.

The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements. Each student must meet with his or her Supervisory Committee once a year and requires the Committee's consent to prepare the dissertation. This dissertation is first presented and defended before a Departmental examination committee containing two individuals not on the Supervisory Committee.

All Ph.D. students must pass a comprehensive examination within the first 18 months of initial registration. The examination consists of preparation of a research proposal (written according to the regulations for an application for a grant-in-aid from the Canadian Institutes of Health Research) on a topic that may be related to the student's own research project, but that must be distinct from it. The proposal is presented and defended orally before an examination committee.

The program is expected to be completed in four to five years.

Master of Science

Admission Requirements

To enter the M.Sc. program students must possess a bachelor's or M.D. degree with the academic background outlined in the Eligibility section.

During the first year, students must register for 12 credits of coursework, at least 9 of which must be graduate level courses.

Program Requirements

12 credits of coursework, plus an 18-credit thesis, are required for completion. All students must register for PATH 501 (2), PATH 502 (2), PATH 535 (2), and, if a similar such course has not been taken, PATH 547 (3). The remaining courses are chosen by the student and supervisor, with consideration of the student's background and the thesis research area.

Each student must meet with their Supervisory Committee, which consists of at least three faculty members, at least once a year for a review of progress. The final examination consists of an oral presentation of the thesis and its defense before an examining committee.

The program is expected to be completed in two to three years.

Contact Information

Department of Pathology and Laboratory Medicine
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Email: heather.cheadle@pathology.ubc.ca
Web: www.grad.pathology.ubc.ca (<http://www.grad.pathology.ubc.ca>)
Heather Cheadle, Graduate Program Coordinator

Last updated: June 7, 2021

Degree Programs > Pharmaceutical Sciences

Degrees Offered: Ph.D., M.Sc.

Members



Professors

B. Cairns, T. Chang, A. Collier, M. Coughtrie, U. Hafeli, S. Jarvis Selinger, U. Kumar, F. Lalji, S. Li, L. D. Lynd, J. McCormack, C. Nislow, B. Rodrigues, R. Sindelar, P. J. Soja, J. M. Y. Wong, P. J. Zed.

Associate Professors

M. De Vera, A. Frankel, G. Giaever, M. J. Harrison, P. S. Loewen, C. Ross, M. Sadatsafavi, K. Wilbur, H. Wong.

Assistant Professors

A. Conklin, J. Cragg, S. Hedtrich, A. Maharaj, B. Page, R. Turgeon, K. Williams.

Program Overview

The Faculty of Pharmaceutical Sciences offers opportunities for advanced study leading to the Master of Science (M.Sc.) and Doctor of Philosophy (Ph.D.) in the following research areas: nanomedicine, drug delivery; drug metabolism, pharmacokinetics and toxicology; pharmacogenomics and pharmacogenetics; diabetes, cardiovascular and molecular pharmacology; neuropharmacology; cancer pharmacology; pharmaceutical health outcomes and pharmacotherapeutics; and pharmaceutical education.

The research interests of the individual members are found in the Department's faculty section (<http://www.grad.ubc.ca/prospective-students/faculties/faculty-pharmaceutical-sciences>). The Faculty ranks in the top tier of Canadian pharmaceutical sciences faculty and provides outstanding research mentoring opportunities.

The Faculty graduates highly qualified personnel. There is a high demand for our graduates in academic and clinical institutions, pharmaceutical and biotechnology companies, and government.

The program is open to those holding undergraduate or graduate degrees from recognized universities, whether in pharmaceutical sciences or a related discipline.

Doctor of Philosophy

Admission Requirements

Applicants to the Ph.D. program are expected to meet the Faculty of Graduate and Postdoctoral Studies [Admission Requirements](#). Transfer from the M.Sc. to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations.

Please see the [English Language Proficiency Test](#) requirements for more information.

Program Requirements

All doctoral students are required to complete a comprehensive examination successfully. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements. Ph.D. students must also complete PHAR 648 (Graduate Seminar), PHAR 590 and PHAR 591. For details, please visit the Program (<http://pharmsci.ubc.ca/current-students/graduate-students>).

The regulations that apply to M.Sc. students in terms of course requirements apply to doctoral students who have not taken these courses. Coursework is selected in consultation with the student's supervisory committee.

Master of Science

Admission Requirements

New graduate students holding a baccalaureate degree are generally admitted only into the M.Sc. program; however, we strongly encourage subsequent transfer into the Ph.D. program for those who wish to pursue a Ph.D. For information on transferring to the Ph.D. program see the Faculty of Graduate and Postdoctoral Studies (<http://www.grad.ubc.ca/current-students/managing-your-program/masters-phd-transfers>).

Please see the [English Language Proficiency Test](#) requirements for more information.

Program Requirements

Students are required to complete a minimum of 30 credits, including PHAR 549 (M.Sc. thesis), PHAR 548 (Graduate Seminar), PHAR 590, PHAR 591, and a minimum of 6 remaining course credits at the 500-level or higher. Appropriate coursework is selected in consultation with the student's supervisory committee. Students are encouraged to complete most of the graduate courses in the research area they have chosen. For details, please visit the Program (<http://pharmsci.ubc.ca/current-students/graduate-students>).



Contact Information

Faculty of Pharmaceutical Sciences
Office of the Associate Dean, Graduate and Postdoctoral Studies
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Tel: 604.827.0188
Fax: 604.822.3035
Email: phar.gradask@ubc.ca
Web: <http://pharmsci.ubc.ca/>
Shirley Wong
Manager, Office of Associate Dean, Graduate and Post-Doctoral Studies

Last updated: June 7, 2021

Degree Programs > Pharmacology

Degrees Offered: Ph.D., M.Sc.

Members

Professors

J. M. Ansermino, K. Bassett, P. T. L. Choi, D. Fedida, D. Knight, I. Laher, K. M. MacLure, C. C. Y. Pang, R. Preston, B.R. Sastry, S. K. W. Schwarz

Professors Emeriti

D. V. Godin, J. G. McLarnon, E. Puil, M. C. Sutter, C. van Breemen, M. J. A. Walker, J. M. Wright.

Associate Professors

A. M. Barr, P. N. Bernatchez, C. Dormuth, D. G. E. Griesdale, T. L. Hackett.

Associate Professors Emeriti

B. A. MacLeod, R. Rangno, R. A. Wall.

Assistant Professor

J. Kramer.

Program Overview

The graduate program in Pharmacology was established in 1951, and currently includes programs in cardiovascular pharmacology, neuropharmacology, viral pharmacology, free radical biology, and drug development. Additional training programs exist in therapeutics, evidence-based medicine, and clinical investigation. The pharmacology graduate program has strengths in basic science as well as translational research.

The graduate program in Pharmacology is a component of the newly formed Department of Anesthesiology, Pharmacology & Therapeutics, and formalizes the Department's historical research and academic interactions. Within this new structure, additional research programs reflecting the close association between the disciplines of anesthesiology, pharmacology, and therapeutics are now available. Courses in pharmacology are taught at the undergraduate science, medical, dental, and graduate levels.

The program adheres to an 'apprenticeship' model of graduate training, in which graduate students work in close collaboration with a faculty member who is also their graduate supervisor. The program has strengths in projects covering a wide range of scientific and clinical areas of investigation. The primary aim of our graduate training program is to provide students with the skills necessary to conduct research in pharmacology and therapeutics that can be published in first-rate journals. Thus, an important factor in an applicant's admissibility is a matching of research and professional interests of the student and a faculty member within the program.

The Department has facilities available for original investigations in cellular, biochemical, viral, autonomic, cardiovascular, clinical, and neuropharmacology.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess a master's degree and an advanced understanding in pharmacology, with clear evidence



of research ability or potential. Transfer from the master's to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations.

Program Requirements

Appropriate coursework may be selected in consultation with the student's supervisory committee and the graduate advisor. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program normally possess a B.Sc. in pharmacology (or related area) or a Doctor of Medicine (M.D. or equivalent), and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

Students are required to take 18 credits of graduate-level courses in pharmacology, in consultation with the student's supervisory committee and the graduate advisor, and thesis-related subjects, plus a 12-credit research thesis.

Contact Information

Department of Anesthesiology, Pharmacology and Therapeutics
2176 Health Sciences Mall
Vancouver, BC, Canada V6T 1Z3
Tel: 604.827.3289
Fax: 604.822.6012
Email: anae-pcth.ugmscphd@ubc.ca
Web: apt.med.ubc.ca (<http://apt.med.ubc.ca>)

Last updated: June 7, 2021

Degree Programs > Philosophy

Degrees Offered: Ph.D., M.A.

Members

Professors

M. Aydede, P. Bartha, J. Beatty, M. Bedke, S. Berryman, K. Brownlee, J. P. J. Ichikawa, C. S. I. Jenkins, D. Lopes, E. Margolis, C. Mole, A. W. Richardson, M. Schabas, O. Simchen, E. Slingerland, E. Thompson, A. Wylie

Professor Emeritus

S. F. Savitt.

Associate Professors

S. Anderson, R. Ballarin, M. Griffin, C. Stephens.

Assistant Professor

F. Amijee, C. Prueitt.

Program Overview

The Philosophy Graduate Program offers courses of instruction leading to both the M.A. and Ph.D. in most major areas of the discipline, including epistemology, metaphysics, ethics, political and social philosophy, philosophy of art, philosophy of mind, philosophy of language, logic, philosophy of science, philosophy of biology, philosophy of mathematics, and history of philosophy.

Doctor of Philosophy

Admission Requirements



Students admitted to the Ph.D. degree program normally possess an M.A. or an honours B.A. with first-class standing or equivalent. Transfer from the M.A. to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations.

Program Requirements

Coursework is selected in consultation with the student's supervisory committee. All doctoral students are required to pass a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

See the Department's graduate regulations (<http://philosophy.ubc.ca/grad/graduate-degree-requirements/>) for details.

Master of Arts

Admission Requirements

Students admitted to the M.A. degree program must have a B.A. or B.Sc. with at least 3-credits of coursework in formal logic and sufficient upper division work in the history of philosophy, ethics and value theory, and metaphysics, epistemology, or the philosophy of science to enable the student to undertake graduate-level work in these areas. They must also meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

There are two options for the M.A.:

1. **Thesis Option.** This option requires 18 credits of coursework (a maximum of 6 credits at the 300- and 400-level, and a minimum of 12 credits at the 500-level or above) and a 12-credit thesis.
2. **Non-thesis Option.** This option requires 30 credits of coursework. Of these, 6 credits may be at the 300- or 400-level.

Prerequisites for the M.A. program include a Bachelor of Arts or Bachelor of Science with at least one term course in formal logic and sufficient upper division work in the history of philosophy, ethics and value theory, and metaphysics, epistemology, or the philosophy of science to enable the student to undertake graduate-level work in these areas.

Emphasis in Science and Technology Studies for Doctoral and Masters Students

Both the Ph.D. and M.A. in Philosophy offer students an opportunity to focus a portion of their studies towards an emphasis in Science and Technology Studies (STS). The STS emphasis offers opportunities for advanced research and study of scientific work and thought from a variety of perspectives associated with the humanities and social sciences. Students in the STS emphasis are required to take STS 501 (3), STS 502 (3), and STS 597 (M.A.) or STS 598 (Ph.D.).

For more information on the STS emphasis, please see the STS Webpage (<http://sts.arts.ubc.ca/>).

Contact Information

Department of Philosophy
E370-1866 Main Mall
Vancouver, BC, Canada V6T 1Z1
Tel: 604.822.8837
Fax: 604.822.8782
Email: phil.gradprogram@ubc.ca
Web: www.philosophy.ubc.ca (<http://www.philosophy.ubc.ca>)
Mimi Yu, Graduate Program Assistant

Last updated: June 7, 2021

Degree Programs > Physical Therapy

Degree Offered: M.P.T.

Members

Professors

L. Boyd, J. Eng, M. Hunt, L. Li, T. Liu-Ambrose.

Professor Emerita



E. Dean, S. R. Harris.

Associate Professors

P. Camp, K. Campbell, J. Guenette, A. Scott, N. Virji-Babul.

Associate Professor Emerita

L. Bainbridge, D. MacIntyre.

Assistant Professors

C. Pollock, J. Whittaker.

Program Overview

Physical therapists specialize in the assessment and treatment related to movement. Common movement disorders result from impairment of the neuromuscular, musculoskeletal, respiratory or cardiovascular systems. Following assessment of their clients, physical therapists often use physical agents such as therapeutic exercise, heat, cold, and electrical stimulation to increase muscle strength and function, reduce pain, promote general health and fitness, and prevent disability. As specialists in movement dysfunction, physical therapists also provide expertise in human mobility, carefully analyzing gait patterns and prescribing treatment regimens or devices (such as braces, crutches, or wheelchairs) to enable clients to move independently through their environments.

The M.P.T. degree provides the professional education necessary to obtain a license to practice physical therapy. It differs from the advanced or research [M.Sc. in Rehabilitation Sciences](#), which prepares practitioners with advanced research skills and requires completion and defense of a thesis.

Master of Physical Therapy Distributed Program

The Master of Physical Therapy offers a distributed program involving 100 students at geographically separated campuses; the Master of Physical Therapy-North cohort located at the University of Northern British Columbia and the Master of Physical Therapy- Vancouver cohort located at UBC's Point Grey Campus in Vancouver.

Master of Physical Therapy

Admission Requirements

Candidates must meet [minimum entry requirements](#) established by Graduate and Post-Doctoral Studies

Admission is offered on a competitive basis. The annual enrolment and class size are limited. Admission requirements include:

Completion of a recognized bachelor's degree in any field and the successful completion of the following prerequisites:

- 3 credits of any university level Physics *;
- ENGL 112 (or equivalent);
- Human Anatomy (3 credits; UBC CAPS 391 or equivalent);
- Human Physiology (6 credits; UBC CAPS 301 or equivalent);
- Psychology (3 credits or equivalent);
- Statistics (3 credits or equivalent).

*This requirement can also be fulfilled by Physics 12 (or out of province equivalent Grade 12 Physics)

An academic standing of at least 72% (B) final mark is required in each pre-requisite course.

Academic standing of at least 76% (B+) average in senior-level courses (300- and 400-level).

All applicants must complete the Computer-based Assessment for Sampling Personal Characteristics (CASPer) as part of the admission process and request results be sent to the UBC Department of Physical Therapy. Information and online registration are available on the CASPer website. CASPer results are valid for one year. Applicants who completed the assessment in previous years must retake it for the current application cycle.

A minimum of 70 hours of volunteer or paid work that includes direct contact involving interaction with persons with cognitive, emotional, or physical disabilities at no more than two facilities.

Applicants who would like to be considered for admission to the distributed Master of Physical Therapy- North Cohort at the University of Northern British



Columbia must complete two supplementary application forms, available to download on the M.P.T Program website: the rural suitability form and the lived experiences form. These forms are used to assess candidates' suitability for the distributed cohort. Applicants to the Master of Physical Therapy- North cohort must meet all other admissions requirements.

Applicants from a university outside Canada in which English is not the primary language of instruction must present evidence of English language proficiency prior to being extended an offer of admission. For more information, refer to the Faculty of Graduate and Postdoctoral Studies' entry in the Academic Calendar regarding [English Language Proficiency Requirements](#). Required minimum English language proficiency scores for admission to the program are:

- TOEFL: 100 (iBT)
- MELAB: overall 85
- IELTS (Academic): overall 7.5, with a minimum score of 7.0 in each component
- CAEL: overall 80
- PTE (Academic): overall 70
- CELPIP (Academic): 4L

See program website (<http://physicaltherapy.med.ubc.ca/students/prospective-students-2/mpt-admissions/admission-requirements/>) for additional information on admission.

Primary consideration for admission is given to residents of British Columbia.

Applicants who meet the above minimum requirements are eligible for interview consideration. Candidates are selected for interview based on their academic standing in the last 30 senior-level credits plus the prerequisite courses. The interviews are in multi-mini interview format. Fulfilment of the minimum requirements does not guarantee an interview.

Program Requirements

Students must successfully complete all academic requirements (83 credits of coursework):

- ANAT 392
- RHSC 420
- PHTH 511, 514, 516, 517, 521, 524, 526, 527, 528, 531, 534, 538, 544, 545, 546, 548, 552, 554, 558, 564, 565, 566, 574, and 576
- Clinical Education Requirements (<http://www.physicaltherapy.med.ubc.ca>)

Master of Physical Therapy (M.P.T.) and Doctor of Philosophy (Ph.D.) in Rehabilitation Sciences Dual Degrees Program Option

Program Overview

The M.P.T./Ph.D. program is a dual degrees program option. Its purpose is to provide selected and highly qualified students the opportunity to combine their physical therapy learning experience with intensive scientific training in pursuing a career as clinician-scientists. Graduates of the M.P.T./Ph.D. program option are trained as competent physical therapists as well as skilled scientists who can sustain a successful and competitive clinical investigative career.

Admission Requirements

Students wishing to pursue the dual M.P.T./Ph.D. degrees program option must meet the admission requirements for and be accepted by both the M.P.T. and Ph.D. Ph.D. in Rehabilitation Sciences programs.

Applicants must apply to both programs concurrently, and indicate that they are seeking admission into the dual degrees program option. This process can be noted on the online application.

Students already admitted to one or the other program may apply to the dual degrees program option during their first year of enrolment. Students wishing to transfer to the program from another UBC program must meet the admission requirements and be accepted by both the M.P.T. and Ph.D. programs.

Potential candidates must be selected by the M.P.T. Admissions Committee prior to being accepted to the M.P.T./Ph.D. program option.

For details, see the [M.P.T. program](#).

For more details on the M.P.T./Ph.D. program, contact Dr. Michael Hunt, Program Director, at 604.827.4721.

Program Requirements

Students must complete all the required courses in the [Master of Physical Therapy program](#) as well as the [Ph.D. program in Rehabilitation Sciences](#), including RHSC 500 and RHSC 502. Appropriate elective coursework for the Ph.D. component is selected in consultation with the student's committee. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements (<http://w>



<http://www.grad.ubc.ca/current-students/dissertation-thesis-preparation>).

Contact Information

Department of Physical Therapy
Friedman Building
212-2177 Wesbrook Mall
Vancouver, BC, Canada V6T 1Z3
Tel: 604.822.8225
Fax: 604.822.1870
Email: mpt.studentadvisor@ubc.ca
Web: www.physicaltherapy.med.ubc.ca (<http://www.physicaltherapy.med.ubc.ca>)

Last updated: June 7, 2021

Degree Programs > Physics

Degrees Offered: Ph.D., M.Sc.

Members

Professors Emeriti

A. MacKay, W. McCutcheon, G. Sawatzky.

Professors

I. Affleck, M. Aronson, J. Bagger, M. Berciu, D. A. Bonn, D. Bryman, M. Choptuik, A. Damascelli, S. Dierker, M. Franz, C. Gay, B. Gladman, M. Halpern, M. D. Hasinoff, C. Hearty, J. S. Heyl, P. Hickson, G. Hinshaw, D. J. Jones, R. Kiefl, R. Kruecken, A. Marziani, J. M. Matthews, J. McKenna, S. M. Oser, J. Rottler, M. Rozali, D. Scott, G. W. Semenoff, V. Sossi, I. Stairs, P. Stamp, W. Unruh, M. Van Raamsdonk, L. Van Waerbeke, C. Waltham, L. Whitehead, J. Young, A. Zhitnitsky, F. Zhou.

Associate Professors

A. Boley, S. Burke, J. Folk, J. Karczmarek, A. Lister, K. W. Madison, T. Mattison, C. Michal, V. Milner, S. Plotkin, A. Rahmim, A. Rauscher, R. Raussendorf, S. Reinsberg, K. Schleich, K. Sigurdson.

Assistant Professors

A. Hallas, Z. Ye, K. Zou.

Program Overview

The Department of Physics and Astronomy is a broad-based department with a wide range of research interests covering many key topics in contemporary physics, astronomy, and applied physics. See elsewhere in the Calendar for graduate program descriptions of Astronomy and Engineering Physics. In addition, an accredited Master of Science program is offered with a sub-specialization in Medical Physics. Departmental research activities are supported by several computing and experimental facilities, and excellent electronics and machine shops. Much of the Department's research is enhanced by local facilities such as the TRIUMF National Laboratory, the Advanced Materials and Process Engineering Laboratory (AMPEL), and the BC Cancer Agency, UBC, and associated teaching hospitals, in addition to many specialized research laboratories housed within the Department. There is a great deal of collaboration and overlap of interests among the various groups, and incoming graduate students are currently attracted to research opportunities in many subfields of physics:

- Applied Physics
- Medical Physics
- Biophysics
- Nuclear and Particle Physics
- Astronomy and Astrophysics
- Atomic, Molecular, and Optical Physics
- Condensed Matter Physics
- Theoretical Physics

Full details on research programs and facilities are available at the Department (<http://www.physics.ubc.ca>) and AMPEL (<http://www.ampel.ubc.ca>).

Doctor of Philosophy



Admission Requirements

Students are normally admitted to the Ph.D. program after obtaining an M.Sc. or M.A.Sc. and meeting the admission requirements set by the Faculty of Graduate and Postdoctoral Studies. Alternatively, well-qualified students admitted to the M.Sc. program may transfer to the Ph.D. program after a year's residence at UBC if they have at least 12 credits in 500-level coursework with an overall average of at least 85%, clear evidence of research ability, and approval of the dissertation supervisor.

Program Requirements

A minimum of 12 credits in graduate level courses in any Science or Applied Science department are required for the Ph.D., with details of the course load determined in consultation with the dissertation advisor and supervisory committee. These credits may be from an M.Sc. degree at UBC or elsewhere. Student's programs must satisfy the Department's course requirements.

Students who do not already have credit for the required master's degree courses for their program or the equivalent graduate level courses from another university (approved by Graduate Chair) must take these courses in the Ph.D. program.

Students admitted with an M.Sc. or M.A.Sc. require a further 6 credits of graduate-level coursework in any Science or Applied Science department at UBC for the Ph.D.

All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

The prerequisite for the program is either: a B.Sc. in physics (single or combined), astronomy, or mathematics; or, a B.A.Sc. in engineering physics or electrical engineering. An overall average of 80% or better in third- and fourth-year courses is expected for entry into the program.

Program Requirements

The M.Sc. program requires a minimum of 30 credits, including an 18-credit thesis. The remaining 12 credits must be graduate courses in any Science or Applied Science department. All M.Sc. students are required to satisfy the Department's course requirements.

The Medical Physics streams within the Physics degree programs are no longer accepting new students; students should instead enter the programs for M.Sc. in Medical Physics or Ph.D. in Medical Physics.

All M.Sc. students must give a public presentation of their research work. This can be done at a research seminar in the department, or as an oral presentation at a conference, workshop, or meeting.

Contact Information

Department of Physics and Astronomy
6224 Agricultural Road
Vancouver, BC, Canada V6T 1Z1
Tel: 604.822.4245
Fax: 604.822.5324
Email: gradsec@physics.ubc.ca
Web: www.physics.ubc.ca (<http://www.physics.ubc.ca>)
Olivia dela Cruz-Cordero, Graduate Coordinator

Last updated: June 7, 2021

Degree Programs > Planning

Degrees Offered: Ph.D., M.C.R.P., M.A.P., M.Sc.P.

Members

Professors

H. Campbell, S. E. Chang, L. D. Frank, P. C. Gurstein, L. Sandercock.

Professors Emeriti



P. Boothroyd, A. H. J. Dorsey, T. McDaniels, V.S. Pendakur, W. E. Rees, M.Y. Seelig.

Associate Professors

L.C. Angeles, A. Bigazzi, J. Honey-Rosés, M. Leaf, M. Senbel, M. Stevens.

Assistant Professors

M. Low, M. Tran.

Program Overview

The School of Community and Regional Planning (SCARP), a unit within the Faculty of Applied Science, was created in 1952 and has one of the largest planning programs in Canada. The School's mission is to advance the transition to sustainability through excellence in integrated policy and planning research, professional education, and community service. We emphasize an integrated approach to planning that encompasses urban policy and community development, international development, environmental and natural resources, urban design, and planning processes and methods. The School's professional master's degree, the MCRP, is recognized by the Canadian Institute of Planners and the American Institute of Certified Planners.

SCARP's research arm, the Centre for Human Settlements (<http://scarp.ubc.ca/centre-human-settlements>), through its faculty associates is involved in a variety of planning research projects focusing on urban development issues in North and South America and Asia. Four SCARP faculty members have cross-appointments in the Institute for Resources, Environment and Sustainability (<http://ires.ubc.ca>); School of Population and Public Health; the Institute for Gender, Race, Sexuality and Social Justice (<http://grsj.arts.ubc.ca>); and the Department of Civil Engineering (<http://www.civil.ubc.ca>).

Full details are available at the School of Regional and Community Planning (<http://www.scarp.ubc.ca>).

Doctor of Philosophy

Admission Requirements

The School offers a Ph.D. program for advanced study and research in the areas of its competence. Applicants for admission must have a master's degree in planning, or its equivalent, with high academic standing. To ascertain the School's ability to fulfill potential students' objectives, a statement of about 1000 words is required describing their research interests and objectives which should be submitted at least one month before the application deadline.

Transfer from the Master's to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies.

For more information, visit the School of Community and Regional Planning (<http://www.scarp.ubc.ca>).

Program Requirements

The Ph.D. is primarily a research degree, so that students should enter with a strong background in their field of study. After two years of coursework and examinations, candidates devote their efforts toward dissertation research.

All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Community and Regional Planning

The School of Community and Regional Planning's (SCARP) professional master's program, the Master of Community and Regional Planning (M.C.R.P.), prepares students to be practising planners in a rapidly changing and urbanizing world. Cumulative program requirements provide students with real world experience and prepare them for entry into a wide variety of planning jobs. The curriculum features a strong core sequence of courses tailored to the evolving demands of the profession. Students additionally undertake concentrated study through a sequence of courses customized for their interests and professional aspirations. The program culminates in a studio that integrates theories and methods covered throughout the curriculum into a single team-based project with a real or simulated client or community group. All students complete a capstone project on a topic of their own choosing in consultation with their advisor.

Admission Requirements

All applicants must meet the admission requirements of Graduate and Postdoctoral Studies. English language proficiency standards, including TOEFL and GRE requirements are listed under [English Language Proficiency Standards and GRE Requirements](#).

In addition to meeting the University's academic standards for admission, SCARP requires that students submit a 500-word statement outlining their specific interests as well as providing information on their professional experience and community involvement. The SCARP Admissions Committee oversees the admissions process to the School.

Transfer Credit



Transfer credit will be granted in accordance with the Faculty of Graduate and Postdoctoral Studies policy on [Transfer Credit](#).

Program Requirements

The total program credit requirement is 48 credits, including 18 credits of required courses that incorporate accreditation performance criteria and essential background for planning. These are:

PLAN 508 (3) Foundations of Planning Theory and History
PLAN 509 (2) Urbanism as a Global Way of Life
PLAN 510 (2) Environment and Sustainability Concepts for Planning Practice
PLAN 521 (3) Quantitative Skills for Planners
PLAN 522 (2) Qualitative Data Collection and Analysis
PLAN 523 (2) The Profession of Planning
PLAN 524 (2) Legal Concepts for Professional Planning
PLAN 525 (2) Planning Practice Methods

In addition, each student is required to complete a capstone project (PLAN 528) for 3 or 6 credits, a 6-credit studio (PLAN 526) and a 3-credit internship (PLAN 527). For the remaining 12 credits, students can choose courses tailored to their interests through consultation with an advisor, or they can choose between one of two pre-determined concentrations: Urban Design or Indigenous Community Planning.

Visit the School of Community and Regional Planning for information on [Academic Regulations](#).

Master of Arts in Planning

Admission Requirements

All applicants must meet the admission requirements of the [Faculty of Graduate and Postdoctoral Studies](#).

Program Requirements

The M.A.P. degree is awarded upon satisfactory completion of 34 credits including a 12-credit thesis, over twelve to eighteen months.

Students in the Master of Arts in Planning program will have a Bachelor of Arts undergraduate degree (or equivalent), and must complete PLAN 558, PLAN 559, and PLAN 560 and at least one 3-credit course in *qualitative* methods for research in another UBC department. The course must be approved by the faculty advisor.

Master of Science in Planning

Admission Requirements

All applicants must meet the admission requirements of the [Faculty of Graduate and Postdoctoral Studies](#).

In addition to meeting the University's academic standards for admission, SCARP requires that students applying to the M.Sc.P. submit a proposed thesis topic and samples of their academic research and writing. These submissions are used together with letters of reference to make an overall assessment of a student's appropriateness for the program, to determine if the student's interests are compatible with SCARP faculty areas of interest and expertise, and to select each student's program advisor. The SCARP Admissions Committee oversees the admissions process to the School.

Program Requirements

The M.Sc.P. degree is awarded upon satisfactory completion of 34 credits and a thesis, over twelve to eighteen months.

Students in the Master of Science in Planning program will have a Bachelor of Science undergraduate degree (or equivalent), and must complete PLAN 558, PLAN 559, and PLAN 560 and at least one 3-credit course in *quantitative* methods for research in another UBC department. The course must be approved by the faculty advisor.

Contact Information

School of Community and Regional Planning
433-6333 Memorial Road
Vancouver, BC Canada V6T 1Z2
Tel: 604.822.4422
Email: grad.scarp@ubc.ca
Web: www.scarp.ubc.ca (<http://www.scarp.ubc.ca>)

Last updated: June 7, 2021



Degree Programs > Plant Science

Degrees Offered: Ph.D., M.Sc.

Members

Professors Emeriti

M. Isman, M. K. Upadhyaya.

Professor

J. Kronstad.

Associate Professors

S. Castellarin, E. Jovel, A. Riseman, R. Sargent.

Assistant Professor

J. Carrillo, T. Knipfer, G. Singh Brar.

Program Overview

The Plant Science Graduate Program offers M.Sc. and Ph.D. degrees in fundamental and applied topics related to plant production, plant protection, biotechnology, plant physiology and biochemistry, and plant-environment interactions. Specific areas of specialization include:

- plant-microbe interaction, bacterial and fungal diseases, plant virology, biological control of pests and diseases, insect physiology, natural insecticides, insect ecology and behaviour, and weed biology, ecology, and control, invasive species biology pollination biology
- plant nutrition, plant growth analysis, plant-plant interaction, biotic and abiotic stressor resistance, and environmental plant physiology
- vegetable culture, ornamental horticulture, plant breeding, and post-harvest physiology
- plant biochemistry, tissue culture, genetic engineering, and plant, fungal, and viral molecular genetics
- rangeland ecology and wildlife habitat studies
- cereal pathology, host-pathogen interactions, genetics of disease resistance, plant imaging, cereal and pathogen genomics, resistance breeding

The program is enriched through collaboration with colleagues in graduate programs such as Food Science, Soil Science, Botany, Zoology, and in agencies such as Agriculture and Agri-Food Canada, and the British Columbia Ministry of Agriculture, Fisheries and Food.

Plant Science teaching and research facilities are located in the UBC Biotech Laboratory and in the H.R. MacMillan Building. Research facilities include: the UBC Botanical Garden, Field Laboratory (8.1 ha land and orchards on-campus), greenhouses, controlled environment growth chambers, and modern analytical laboratories.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess an M.Sc. degree in plant science or a related area, with clear evidence of research ability or potential. Transfer from the M.Sc. to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations.

Program Requirements

Appropriate coursework may be selected in consultation with the student's supervisory committee. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Students admitted to the M.Sc. program normally possess a B.Sc. degree in plant science or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements



Completion of the M.Sc. program requires a thesis (12 or 18 credits) plus coursework, for a total of 30 credits. With a 12-credit thesis, students can include a maximum of 6 credits of senior undergraduate courses. With an 18-credit thesis, students can include a maximum of 3 credits of senior undergraduate courses and a maximum of 3 credits of directed study.

Contact Information

Admission & Administrative Coordinator
Faculty of Land and Food Systems
291-2357 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.8373
Fax: 604.822.4400
Email: ifs.gradapp@ubc.ca
Web: www.landfood.ubc.ca/graduate/plant-science-msc-phd/ (<http://www.landfood.ubc.ca/graduate/plant-science-msc-phd/>)

Last updated: June 7, 2021

Degree Programs > Political Science

Degrees Offered: Ph.D., M.A.

Members

Professors

B. Arneil, M. Byers, M. Cameron, P. Dauvergne, K. Harrison, K. Huebner, A. Jacobs, B. L. Job, S. LaSelva, R. M. Price, P. Quirk, Y. Tiberghien, A. Tupper, M. Warren.

Associate Professors

G. Baier, B. Baum, A. Chowdhury, K. Coleman, G. Coulthard, F. E. Cutler, A. Ellermann, L. Janara, G. Jeong, C. Kam, X. Li, S. Lightfoot, L. M. Sundstrom.

Assistant Professors

C. Cruz, C. Doberstein, A. Jurkevics, K. Ostwald, M. Weaver, M. Wright, Y-Y. Zhou.

Program Overview

The Department of Political Science offers opportunities for advanced study in the major fields of political science. It is a major centre for the study of Canadian politics with a strong core of faculty actively engaged in research touching on Canadian themes. The Department is a leading centre for the study of parties and elections in Canada. It has a long tradition of the study of federalism and the normative dimensions underlying Canadian politics. Much current work focuses on issues of public policy.

The University is one of North America's leading centres for Asian studies and the Department is an important element of that research strength with faculty members specializing in the study of the region. Several department members are associated with the First Nations and Indigenous Studies Program, the School of Public Policy and Global Affairs and the Institute of Asian Research on campus.

The Department has highly regarded expertise in the area of international relations, especially international security, global governance, institutions and non-state actors, norms and ethics, and global indigenous politics. Department faculty are also active in the interdisciplinary Liu Institute for the Study of Global Issues (<http://www.ligi.ubc.ca>).

The Department has recognized expertise in the study of democratization and democratic institutions from a variety of perspectives. Many faculty are engaged in the work of the Centre for the Study of Democratic Institutions (<http://democracy.arts.ubc.ca>) within the School of Public Policy and Global Affairs, and within the Department's own Institute for European Studies.

The Department is a recognized focal point for research in comparative politics, particularly political attitudes and political behaviour, parties, institutions, and political economy and policy in democracies.

The Department is also noted for its strengths in critical political theory, US politics, and indigenous politics. Individual faculty members' interests cover a broad spectrum of political systems and embrace a variety of methodological approaches.

The UBC Library is one of North America's major university research libraries and is a depository for UN, Canadian, and BC Government publications, as well as many US Government documents. The Asian Research Library is a particularly important research centre. The Department and UBC Library hold joint memberships in the Inter-University Consortium for Political Research and the International Survey Library Association. The UBC Library Data



Services has one of the largest collections of data sets in Canada, at Abacus Dataverse Network (<http://dvn.library.ubc.ca/dvn/>).

Doctor of Philosophy

Admission Requirements

As a general rule, the Department requires that applicants to the Ph.D. program have an undergraduate degree and an M.A. in Political Science. Criteria for admission include evidence of outstanding previous work, research interests compatible with those of the Department, and letters of reference indicating a strong potential to contribute to the discipline. Admission is competitive.

Transfer from the M.A. to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies and the Political Science Graduate Program. Please see the Department (<http://www.politics.ubc.ca>) for details.

Program Requirements

The basic requirements are 36 course credits in the first two years of study, including a methods requirement consisting of any political theory course and at least two methods courses designated by the department. Students are also required to fulfill the course requirements of a major and a minor field of study from among our several research subfields (that is, Canadian Politics, Comparative Politics, International Relations, Political Theory, and US Politics) and to pass a comprehensive examination in their chosen major field of study, normally in the fall of the third year. Students who enter our Ph.D. program from our M.A. program, or who have taken appropriate graduate courses in Political Science at other universities, may be excused up to 18 credits of coursework at the discretion of the Graduate Advisor.

The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Arts

Admission Requirements

As a general rule, successful applicants will have minimum first-class standing (80% or higher at UBC or equivalent) in each of the last 2 years of undergraduate study, in accordance with the Faculty of Graduate and Postdoctoral Studies criteria for admission.

All applicants must meet the Faculty of Graduate and Post-Secondary English Language Proficiency standards.

Program Requirements

This is a one-year program for full-time students. Students may also complete the degree on a part-time basis. The basic requirements normally include six one-term seminars and a thesis which has as its model a 35 page article for submission for publication. The grade assigned to a successful thesis will jointly be determined by the thesis supervisor and the second reader.

Contact Information

Department of Political Science
C425-1866 Main Mall, Vancouver, BC
Vancouver, BC, Canada V6T 1Z1
Tel: 604.822.2717
Fax: 604.822.5540
Email: poli.grad@ubc.ca
Web: www.politics.ubc.ca (<http://www.politics.ubc.ca>)
Josephine Calazan, Graduate Program Assistant

Last updated: June 7, 2021

Degree Programs > Population and Public Health

Degrees Offered: Ph.D., M.Sc., M.H.A., M.H.Sc., M.P.H., M.P.H./M.S.N.

Members

Professors Emeriti

T. W. Anderson, M. L. Barer, P. Danielson, J. D. Forrester, C. J. Frankish, C. Gotay, S. Kennedy, S. A. Marion, R. G. Mathias, M. McDonald, R. E. Modrow, B. J. Morrison, G. Poole, S. B. Sheps; K. E. Teschke, D. H. Uyeno, C. van Netten.

Professors



A. Anis, K. Bartlett, P. Berman, C. Black, M. Brauer, S. Bryan, M. Burgess, J. Buxton, E. Frank, L. Frank, P. Janssen, K.S. Joseph, R. Kassam, A. Kazanjian, M. Koehoorn, J. Kopec, M. Law, C. Lovato, A. Manges, L. Mâsse, K. McGrail, C. R. Mitton, S. Morgan, M. Naus, T. Oberlander, G. Ogilvie, E. Oviedo-Joekes, D. M. Patrick, M. T. Schechter, J. Singer, B. Sobolev, J. Spiegel, P. Spittal, J. Sutherland, A. Yassi.

Associate Professors

N. Bansback, J. Bettinger, M. Brussoni, S. Cox, H. Davies, T. Dummer, R. Elango, A. Ho, P. Kershaw, Y. MacNab, C. McLeod, D. Silver, D. Steel, H. Wong.

Assistant Professors

A. Gadermann, M. Guhn, M. Milloy, R. Murphy, E. Oberle, K. Weinberger.

Program Overview

The School of Population and Public Health (SPPH) offers research-oriented graduate programs leading to the:

- **Doctor of Philosophy** (with dissertation)
- **Master of Science in Population and Public Health** (with thesis)
- **Master of Science in Occupational and Environmental Hygiene** (with project or thesis options)
- **Master of Health Administration** (course-based), designed for health administrators
- **Master of Health Science** (course-based), designed to provide graduate education for physicians
- **Master of Public Health** (practicum-based), designed to provide graduate education for individuals currently in public health practice or wishing to enter the field
- **Combined Program Option:** Master of Public Health (practicum-based) with Diploma in Dental Public Health (course-based). This combined program option is a non-clinical specialty program that is offered in conjunction with a Master of Public Health (M.P.H.).

The programs may be focused on any of the faculty's areas of strength: epidemiology, clinical epidemiology, biostatistics, community health, global health, health services management and planning, health services research, health-care policy, health economics, occupational and environmental health, maternal-child health, and preventive medicine and health promotion

Prospective students should visit SPPH (<http://www.spph.ubc.ca>) online to learn more about the current research interests and projects of faculty members.

Applicants are strongly encouraged to contact faculty as potential supervisors and discuss research plans prior to applying for admission to the Ph.D. and M.Sc. programs. For those applicants who are not able to do so (e.g., due to distance), SPPH will assign a faculty advisor prior to the beginning of first term based on the application documentation regarding area of research focus and background.

Doctor of Philosophy

Admission Requirements

Applicants with a master's degree (or recognized equivalent) in the health or related sciences will be considered eligible to apply for admission. Applicants must meet the admission requirements of the Faculty of Graduate and Postdoctoral Studies, and must be accepted by the School of Population and Public Health's Admissions Committee.

Application deadline is January 15 for entry in September as outlined on the SPPH website (<http://www.spph.ubc.ca/programs/phd/how-to-apply>). Transfer from the master's to the Ph.D. program before completion of the first year of the master's program is permitted under Faculty of Graduate and Postdoctoral Studies regulations.

The PhD in Population and Public Health is offered as a full-time program, with an expectation that students will devote a minimum of 35-40 hours per week to their studies. Part-time classification is also available; this status must be approved at the point of admission. Once registered part-time, students cannot switch to full-time status.

Program Requirements

The Ph.D. program requirements include 16.5 credits of core courses and any additional courses determined by the student's supervisory committee in consultation with the student; additional courses may be necessary in support of the proposed dissertation research. Students with a master's degree equivalent to the Master of Science offered by the UBC School of Population and Public Health, as determined by the Ph.D. Program Director, must complete a minimum of 7.5 credits of core courses. Additional courses may be required by specific themes; please refer to the SPPH website (<http://spph.ubc.ca/programs-and-students/graduate-degree-programs/phd/>) for details.

All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements. For additional information visit the Ph.D. Program (<http://spph.ubc.ca/programs-and-students/graduate-degree-programs/phd/>).

Master of Science



Admission Requirements

Students admitted to the M.Sc. degree program must possess a bachelor's degree (or recognized equivalent) in the health sciences or a related area, and meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The program normally requires a minimum of two years of full-time study and a maximum of three years with the first eight months devoted primarily to coursework. It enables students to gain core knowledge and skills in epidemiology and biostatistics methods, health services and policy research, or population health to develop research experience by applying these methodologies to a research project under the supervision of a supervisory committee.

The minimum requirement for an M.Sc. is 30 credits. This usually includes the following core courses:

- SPPH 400 (3)
- SPPH 500 (3)
- SPPH 502 (3)
- SPPH 507 (1.5)
- SPPH 599 (12) – MSc Thesis

And at least one of the following core courses:

- SPPH 503 (3)
- SPPH 506 (3)
- SPPH 519 (3)

Any exceptions must be approved by the Program Director.

Electives should be chosen with the advice of the thesis supervisor and thesis committee.

The number of credits required can range from 36 to 42, and the actual courses required are at the discretion of program supervisors.

MSc in PPH: Health Economics concentration

This designation will appear on a student's transcript, but not on their parchment.

Course Requirements

In order to complete an MSc with a Health Economics concentration, students must complete the following:

Required Courses

- SPPH 400 (3)
- SPPH 500 (3)
- SPPH 502 (3)
- SPPH 507 (1.5)
- *SPPH 541 (3)
- *SPPH 542 (3)
- *SPPH 546 (3)
- SPPH 599 (12) – MSc Thesis

Elective Courses (two of four required)

- *SPPH 514 (3)
- *SPPH 543 (3)
- *SPPH 547 (3)
- *SPPH 549 (3)

*These courses are specific requirements of the Health Economics concentration

Students in the Health Economics Concentration must complete their thesis within the field of Health Economics.



Master of Health Administration

The M.H.A. program is offered by SPPH, Faculty of Medicine, in collaboration with the Faculty of Commerce and Business Administration.

The M.H.A. curriculum provides the educational and professional foundations for leadership in the health services field. It emphasizes analytical thinking and aims to provide graduates who are skilled professionals with in-depth applied administrative research tools. Graduates are expected to be capable of identifying and solving complex organizational and assessment problems in the health services sector.

The M.H.A. has a professional executive focus and is taught in modular (1.5 credit) format: Friday afternoon through to Sunday afternoon, approximately one weekend per month. The full program takes two calendar years to complete. All 24 courses are required, in addition to a 6-credit major Research Project (SPHA 590). The program is cohort-based and delivered at UBC Robson Square, and is therefore not available as a distance education or online option.

Admission Requirements

Applications for admission to the M.H.A. program will be evaluated based on a combination of academic achievement, GMAT/GRE results, or a similar standardized test (MCAT, LSAT, PCAT) or a grade of B+ or higher in an undergraduate statistics or mathematics course, and/or relevant work experience. In addition to the minimum requirements, applicants are required to include a letter of intent that outlines their motivation for completing the M.H.A. program, as well as a current resumé and three letters of reference.

Applicants must meet the admission requirements of the Faculty of Graduate and Postdoctoral Studies. Professional experience and publications may be considered for those who do not meet the minimum Faculty of Graduate and Postdoctoral Studies requirements.

Program Requirements

The M.H.A. program consists of 42 credits: 24 modules (1.5 credits each) plus the 6-credit SPHA 590: Research Project. At the discretion of the Program Director, a student may substitute SPHA 581: Directed Studies to meet a portion of the total credit requirement. The courses and project are normally completed within 22-24 months. For additional information please visit the M.H.A. Program (<http://www.mha.spph.ubc.ca>).

Master of Health Science

The M.H.Sc. program is designed to provide graduate education primarily for physicians. The emphasis is on the application of rigorous methodology to the study of health issues in populations, spanning assessment, and policy development and assurance.

Coursework is in a wide variety of topics: etiologic research; data base analysis; assessment of diagnostic tests; clinical trials; policy analysis; utilization studies; investigations of occupational and environmental health issues. The program's goal is to enhance the students' development of critical thinking and skills in research design and conduct.

Admission Requirements

Applicants will be considered for admission if they have an M.D., meet the general requirements of admission to the Faculty of Graduate and Postdoctoral Studies and satisfy the M.H.Sc.'s minimum admission prerequisites (<http://spph.ubc.ca/programs/mhsc/admissions-information/how-to-apply/>).

All application materials must be received by February 1 for entry in September.

Program Requirements

Students are required to take a minimum of 30 credits, including 12 credits of specified core courses (SPPH 400, 500, 502, and 513), pass a comprehensive exam, and complete a major paper (SPPH 529). For more information, see SPPH Courses (<http://spph.ubc.ca/programs-and-students/graduate/http://spph.ubc.ca/programs-and-students/graduate-degree-programs/mhsc>).

Courses will be recommended by the Program Director, depending on the student's background and proposed career goals to a minimum of 30 credits. The comprehensive exam is held in the last two weeks of April for students who have completed the 30 course credits requirement.

Master of Public Health

The M.P.H. is a two-year (6 term) non-thesis program with a 12-week, full-time practicum.

M.P.H students will develop competencies related to the following themes:

- Colonization & public health
- Ethics & public health practice
- Statistics for public health practice
- Qualitative data for public health practice
- Epidemiological methods
- Social determinants of health



- Climate change, environment & One Health
- Policy
- Economics
- Evaluation
- Knowledge translation
- Leadership

Admission Requirements

Applicants must meet the minimum admission requirements for masters degree programs set by the Faculty of Graduate and Postdoctoral Studies. Preference will be given to applicants who are already working in relevant disciplines.

Applicants must demonstrate evidence of ability to manage quantitative curriculum. This can be provided either by submitting scores from a Graduate Record Exam taken within the last five years or, alternatively, an official transcript in which the applicant has received at least a B+ or higher in an undergraduate or college mathematics or statistics course taken within the past ten years. Alternative test scores may be accepted in lieu of the GRE; please contact our office for more information.

Applicants must demonstrate work experience or skills in a field related to public health.

For additional information on eligibility requirements, please visit the MPH website (<http://www.spph.ubc.ca/programs/mph/prospective-students/admissions/>).

Program Requirements

The M.P.H. is a two-year non-thesis degree consisting of a minimum of 60 credits. Students must take 36 credits of core courses related to the above core themes.

The M.P.H. program identifies courses that satisfy these requirements on its website (<http://www.spph.ubc.ca/programs/mph/current-students/program-requirements/>).

Students are required to successfully complete 18 additional course credits, to be selected in consultation with their Program Director or Manager. See the program website for pathways by which students can fulfill these elective credits.

In addition, students must complete a 12-week, full-time-equivalent practicum worth 6 credits.

Further information about pathways to complete the program curriculum is available on the M.P.H. website (<http://www.spph.ubc.ca/programs/mph/>).

Combined Program Option: Master of Public Health/Diploma in Dental Public Health

The combined Master of Public Health/Diploma in Dental Public Health is not currently accepting applications for admission.

This combined program option is a non-clinical specialty program that is offered in conjunction with the Master of Public Health (M.P.H.).

The combined program provides education and training for potential dental public health workers, researchers, and teachers.

The M.P.H. and Diploma in Dental Public Health are awarded conjointly and both must be completed to graduate. The combined program will require 2.5 years to prepare the student for dental public health practice and a research career.

Graduates with a Doctor of Dental Medicine (D.M.D.) or equivalent will be eligible to take the examinations for specialty certification in Dental Public Health of the Royal College of Dentists of Canada and the American Board of Dental Public Health.

Students without a D.M.D. or equivalent will not be able to take the exam in dental public health at the Royal College of Dentists of Canada and the American Board of Dental Public Health.

Admission Requirements

Students wishing to pursue the combined program must meet the admission requirements for the [Faculty of Graduate and Postdoctoral Studies](#), [Dentistry](#), and [School of Population and Public Health](#).

Applicants must hold a Doctor of Dental Surgery or Dental Medicine or equivalent, or a Dental Hygiene degree or equivalent, from a recognized university.

Applicants must demonstrate evidence of ability to manage quantitative curriculum. This can be provided either by submitting scores from a Graduate



Record Exam taken within the last five years or, alternatively, an official transcript in which the applicant has received at least a B+ or higher in an undergraduate or college mathematics or statistics course taken within the past ten years. Scores from GMAT, MCAT, LSAT, VCAT, PCAT, and DATS will be accepted as alternatives to the GRE score.

Completed applications are reviewed and selected for interview by committee. Personal interviews are mandatory.

For additional information on eligibility requirements, please visit the M.P.H. Program (<http://spph.ubc.ca/programs/mph/prospective-students/admissions/>).

Dual Degrees: Master of Public Health/Master of Science in Nursing

The dual Master of Public Health/Master of Science in Nursing is not currently accepting applications for admission.

This program permits students to obtain a dual M.P.H. (Master of Public Health) - M.S.N. (Nursing) degree. Students may apply to the School of Population and Public Health and the School of Nursing to pursue an enriched curriculum in public health and nursing studies. For information specific to the M.S.N. degree portion see, [Nursing](#).

Admission Requirements

Students wishing to pursue the dual M.P.H./M.S.N. degrees program must meet the admission requirements for and be accepted by both the M.P.H. and M.S.N. programs.

Students already admitted to one or the other program may apply to the dual degrees program option during their first year of enrolment. Students wishing to transfer to the program from another UBC program must meet admission requirements and be accepted by both the M.P.H. and M.S.N. programs.

Program Requirements

The two master's degrees, M.P.H. and M.S.N., are awarded on the completion of 60 credits of work approved by the Directors. Students must complete a total of 60 credits. Of these, at least 30 credits must be SPPH courses, including a 6 credit practicum. Unless otherwise approved by the graduate advisors, 30 credits must be NURS courses, including a 9 credit thesis or 3 credit SPAR (Scholarly Practice Advancement Research) project.

The M.P.H. and M.S.N. will be conferred at the completion of the dual program after all requirements for both degrees have been met. Students who choose to receive either the M.P.H. or the M.S.N. prior to completion of the dual degrees program may apply for one of the degrees provided all requirements for that degree have been satisfied. Students selecting this option must withdraw from the dual degrees program.

Contact Information

Ph.D., M.Sc.(Population and Public Health), and M.H.Sc.

Emily Van Gulik, Academic Programs Manager
School of Population and Public Health
2206 East Mall
Vancouver, BC, Canada V6T 1Z3
Tel: 604.822.9437
Fax: 604.822.4992
Email: spph.graduate-programs@ubc.ca
Web: www.spph.ubc.ca/programs/ (<http://www.spph.ubc.ca/programs/>)

Sherisse Sy, Senior Education Manager

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2206 East Mall
Vancouver, BC, Canada V6T 1Z3
Tel: 604.822.2366
Fax: 604.822.4994
Email: sherisse.sy@ubc.ca

M.P.H., M.H.A., and M.Sc. (Occupational and Environmental Hygiene)

Gina Abernethy, Professional Programs Manager
School of Population and Public Health
2206 East Mall
Vancouver, BC, Canada V6T 1Z3
Tel: 604.822.9207
Fax: 604.822.4994
Email: mph@spph.ubc.ca
Web: www.spph.ubc.ca/programs/ (<http://www.spph.ubc.ca/programs/>)

M.Sc. Occupational and Environmental Hygiene

Shaine Meghji, Senior Program Assistant
School of Population and Public Health
2206 East Mall



Vancouver, BC, Canada V6T 1Z3
Tel: 604.822.2827
Fax: 604.822.4994
Email: oeh@spph.ubc.ca
Web: www.spph.ubc.ca/programs/msc-oeh/ (<http://www.spph.ubc.ca/programs/msc-oeh/>)

Last updated: June 7, 2021

Degree Programs > Psychology

Degrees Offered: Ph.D., M.A.

Members

Professors

L. Alden, K. Christoff, L. Clark, A. DeLongis, E. Dunn, E. Eich, J. T. Enns, S. Floresco, L. A. M. Galea, P. Graf, D. G. Hall, J. K. Hamlin, T. Handy, S. Heine, P. L. Hewitt, C. Hoppmann, A. Kingstone, D. Klonsky, A. Mikami, A. Norenzayan, D. L. Paulhus, C. H. Rankin, V. Savalei, M. Schaller, T. Schmader, K. Soma, J. Tracy, L. M. Ward, J. Werker, C. Winstanley, S. Woody.

Professors Emeritus

D. G. Dutton, C. Johnston, D.R. Lehman, W. Linden, L.J. Walker.

Associate Professors

A. S. Baron, J. Biesanz, S. A. J. Birch, F. Chen, K. Laurin, D. Odic, R. Rensink, A. Shariff, J. Snyder, R. Todd, J. Zhao.

Assistant Professors

S. J. Dawson, C. M. Kerns, E. S. Kim, J. LeMoult, D. Palombo, J. D. Rights, N. D. Silverberg, N. L. Sin.

Program Overview

The Psychology Graduate Program offers advanced study leading to both the Master of Arts (M.A.) and Doctor of Philosophy (Ph.D.) degrees in most major areas of the discipline, including: behavioral neuroscience, clinical psychology, cognitive science, developmental psychology, health psychology, personality and social psychology, and quantitative methods.

The clinical program is accredited by the Canadian Psychological Association.

Graduate education in the department follows an apprenticeship model in which students conduct research in close collaboration with a particular faculty member. Graduate study must be on a full-time basis. Students are typically assured of financial support (in the form of fellowships, teaching assistantships, and research assistantships) for two years at the master's level and four years at the doctoral level.

See the Department website (<http://www.psych.ubc.ca>) for complete details regarding the various psychology programs.

Doctor of Philosophy

Admission Requirements

Admission to the Ph.D. program requires a master's degree and evidence of research competence. Areas of specialization include behavioral neuroscience, clinical psychology, cognitive science, developmental psychology, health psychology, personality and social psychology, and quantitative methods.

Program Requirements

All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting as required by the Faculty of Graduate and Postdoctoral Studies. Clinical students must develop an acceptable level of clinical skill and serve a one-year internship in an approved applied setting.

Master of Arts

Admission Requirements

Admission to the M.A. program is restricted to those who intend to continue on to the Ph.D program. Areas of specialization include behavioral



neuroscience, clinical psychology, cognitive science, developmental psychology, health psychology, personality and social psychology, and quantitative methods. In addition, the Department offers an M.A. specialization in Human-Computer Interaction, in collaboration with the Media and Graphics Interdisciplinary Centre.

Program Requirements

Program requirements include coursework and a research thesis. Students are expected to complete all program requirements within two years.

Contact Information

Department of Psychology
2136 West Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.5002
Email: graduate.program@psych.ubc.ca
Web: www.psych.ubc.ca/graduate (<http://www.psych.ubc.ca/graduate>)
Jackie Shaw, Manager, Graduate Program

Last updated: June 7, 2021

Degree Programs > Public Policy and Global Affairs

Degree offered: M.P.P.G.A.

Members

Professors

T. Cheek, P. Evans, G. Hoberg, M. Kandlikar, P. Le Billon, A. MacFarlane, M. Quayle, M.V. Ramana, N. Ramankutty, R. Sumaila.

Associate Professors

E. Baines, D. Boyd, J. Dierkes, K. Hopewell, S. Lightfoot, K.-A. Park, T. Shakya, S. Shneiderman.

Assistant Professors

N. Kunz, M. Margulis, K. Ostwald.

Program Overview

The Master of Public Policy and Global Affairs (M.P.P.G.A.) is a professional degree program in global public policy that provides students the inter-disciplinary skills and substantive knowledge necessary to deal with complex problems of the 21st century across local, national, and global contexts. The program typically takes 20 months to complete. Students who apply and are accepted for the accelerated option of the program can complete in 16 months. The accelerated option may not be offered for every admissions cycle as it is contingent on demand. Students who apply to the accelerated option can indicate on their application whether they wish to be considered for the regular 20-month program should the accelerated option not go ahead or they do not meet the additional professional experience requirements. If the accelerated option does not go ahead, a student who has applied to the accelerated option and has indicated that they do not wish to be considered for the 20-month program will be refunded their application fee.

Students are not permitted to switch between the accelerated and regular tuition schedules (<http://calendar.ubc.ca/vancouver/index.cfm?tree=14,266,773,1450#18018>) after the initial payment of the tuition fees in the first term of the program.

The M.P.P.G.A. program offers the acquisition of multi-disciplinary policy analysis skills through a sequence of core courses, plus concentrated study in one of three streams: Development and Social Change; Resources, Energy, and Sustainability; and Global Governance and Security. The program takes advantage of UBC's strengths in these areas and its substantial faculty and program resources concerning contemporary Asia. Students will have opportunities for field-based learning and a client-based policy project. The program is delivered by the UBC School of Public Policy and Global Affairs (SPPGA).

Admission Requirements

All applicants must meet the [admission requirements](#) of the Faculty of Graduate and Postdoctoral Studies. Normally, applicants for a master's degree program must hold the academic equivalent of a four-year bachelor's degree from UBC with one of the following:

- A minimum overall average in the B+ range (76% at UBC) in third- and fourth-year level courses.
- Academic standing with at least 12 credits of third- or fourth-year level courses in the A grade range (80% or higher at UBC).
- Alternatively, applicants who do not meet the requirements stated above, but who have had significant formal training and relevant professional experience, and/or otherwise possess demonstrable knowledge or expertise that would prepare them adequately for successful study in the



M.P.P.G.A. program, may be granted admission on the recommendation of the M.P.P.G.A. Director and approval of the Dean of the Faculty of Graduate and Postdoctoral Studies.

All applicants offered admission to the M.P.P.G.A. program must demonstrate knowledge of microeconomics, macroeconomics, and statistics prior to the commencement of studies. See the program website (<http://mppga.ubc.ca/admissions/>) for additional information and applicable deadlines.

Applicants with a degree from a university outside Canada in which English is not the language of instruction must present evidence of competency prior to an offer of admission. Test scores within 24 months of application must meet the following standards:

- TOEFL: 600 (paper version), 100 (internet version) - with no component score lower than 22, or
- IELTS: minimum overall band score of 7.0 with no other component lower than 7.0, or
- MELAB: minimum overall score 81.

Applicants will be evaluated on the following components of their applications:

- academic transcripts
- application statements
- three required letters of reference
- an acceptable English test score, where applicable

Relevant professional experience (generally at least two years) and proficiency in a second or third language relevant to the student's planned program of study will be considered.

Applicants wishing to complete the accelerated version of the program must demonstrate additional years of professional experience as outlined on the MPPGA website (<http://sppga.ubc.ca/master-public-policy-global-affairs/admissions/>).

Applicants may be invited for an interview at the discretion of the selection committee. Meeting the minimum academic requirements does not guarantee admission in the event that the number of applicants exceeds the number of available spaces.

Transfer Credit

Transfer credit cannot be applied towards the 24 core curriculum credits. Up to 6 credits may be applied towards the 15 elective credits. In order to be eligible for transfer, the credits:

- must be completed with a minimum B+ standing (76% UBC-equivalency)
- must be graduate courses (500–600 level UBC equivalent)
- must not have been counted toward the completion of another degree or program
- must have been completed no more than five years prior to the time the student commences the M.P.P.G.A. program
- cannot be used as a basis for admission to the M.P.P.G.A. program.

Students participating in MPPGA approved exchanges can apply up to 12 credits from exchange towards their MPPGA elective requirements provided they meet the Transfer Credit Requirements (<http://calendar.ubc.ca/vancouver/index.cfm?tree=12,204,342,1529>) of the Faculty of Graduate and Postdoctoral Studies and with approval of the MPPGA Graduate Director.

Decisions concerning transfer credit are made by the M.P.P.G.A. Graduate Director and the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.P.P.G.A. program requires completion of 48.5 credits including a minimum of 27.5 500-level core required course credits from within the program, 15 elective credits across three streams, and a 6-credit global policy project. With permission, three elective credits may be taken outside the program. Language courses do not count for credit towards the M.P.P.G.A. degree. With permission, only three credits of senior-level undergraduate courses may be taken for credit towards the M.P.P.G.A. degree.

Stream 1: Development and Social Change

This stream focuses on the economics and institutions of development. It focuses on how policy making can enable countries and communities to grow and to manage social change in an inclusive manner.

Stream 2: Resources, Energy, and Sustainability

This stream addresses global and regional sustainability with a focus on policy making related to energy and natural resources. It bridges scientific understanding with the needs of policy making on energy and resource use, urbanization and the global environment.



Stream 3: Global Governance and Security

This stream uses the lens of governance to address human security. It examines how human rights and international relations play a key role in policy making at the national and global scale.

Contact Information

MPPGA Program
C.K. Choi Building
1855 Main Mall, UBC
Vancouver, BC, Canada V6T 1Z2
Tel: 604.822.3801
Email: mppga.program@ubc.ca
Web: sppga.ubc.ca/ (<http://sppga.ubc.ca/>)
Twitter: twitter.com/ubcMPPGA (<http://twitter.com/ubcMPPGA>)

Last updated: June 7, 2021

Degree Programs > Rehabilitation Sciences

Degrees Offered: Ph.D., M.Sc., M.R.Sc.

Members

Professors

C. Backman, L. Boyd, J. Eng, S. J. Forwell, M. Hunt, T. Jarus, L. Li, T. Liu-Ambrose, W. C. Miller.

Associate Professors

P. Camp, K. Campbell, J. Guenette, L. Holsti, B. Mortenson, L. Nimmon, A. Scott N. Virji-Babul, J. Zwicker.

Assistant Professors

S. Barbic, S. Huot, C. Pollock, B. Sakakibara, J. Schmidt, J. Whittaker.

Professors Emeriti

E. Dean, S. R. Harris,

Associate Professors Emeriti

L. Bainbridge, L. Jongbloed, D. MacIntyre, S. J. Stanton, M. Suto.

Program Overview

Potential scholars interested in pursuing graduate studies in rehabilitation science have four options at UBC. These include a [Doctor of Philosophy](#), [Master of Science](#), [Master of Rehabilitation Science](#), or a [Graduate Certificate in Rehabilitation](#) (<http://www.calendar.ubc.ca/vancouver/proof/edit/index.cfm?tree=12,209,883,0#16614>).

Doctor of Philosophy

The Ph.D. program offers opportunities for advanced research and original investigation in Rehabilitation Sciences. It prepares rehabilitation scholars and scientists for leadership roles in academia, public health, education, and industry.

Admission Requirements

A master's degree in rehabilitation sciences, or other related fields of study along with appropriate undergraduate and graduate courses, is required for admission. Applicants from non-Canadian or non-United States universities are generally required to provide general Graduate Record Examination (GRE) scores as part of their application, though in certain cases this requirement could be waived. Prospective applicants are advised to consult with their proposed supervising faculty member.

Students must contact one or more potential faculty supervisors to discuss their research interests prior to the application deadline. Transfer from the M.Sc. to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations.



Part-time **Doctoral Classification** is also available. Students who wish to be classified as part-time must obtain approval from their proposed supervisor and graduate program advisor as part of the admission process.

Program Requirements

The program may be pursued by full or part-time students. Appropriate coursework is selected in consultation with the student's committee. All students are required to complete a written and oral comprehensive examination after completion of program coursework. Following the comprehensive exam, students present a formal dissertation proposal for approval by the supervisory committee before proceeding to the research which will culminate in a final oral examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Physical Therapy (M.P.T.) and Doctor of Philosophy (Ph.D.) in Rehabilitation Sciences Dual Degrees Program Option

For details, see the [M.P.T./Ph.D. program option](#).

Master of Science

The Master of Science (M.Sc.) program prepares individuals to conduct research independently and in collaboration with other scientists. Students investigate an area of research relevant to rehabilitation through critical analysis of problems related to basic sciences, clinical practice, or to development of theory.

Admission Requirements

Minimum admission requirements include a degree in occupational therapy, physical therapy, or a related rehabilitation profession, an academic record that meets the requirements of the Faculty of Graduate and Postdoctoral Studies, and completion of a minimum of a 3-credit introductory course in research methods and/or analysis. Applicants from non-Canadian or non-United States universities are generally required to provide general Graduate Record Examination (GRE) scores as part of their application, though in certain cases this requirement could be waived. Prospective applicants are advised to consult with their proposed supervising faculty member. Preference will be given to applicants who hold degrees in occupational or physical therapy, are qualified to practice their rehabilitation profession in British Columbia, and who have had recent clinical experience providing rehabilitation care.

Program Requirements

The program may be pursued by full or part-time students. Full-time study would normally require approximately 24 months, including completion of the thesis. A minimum of 30 credits is required for the degree. This consists of 6 credits of required coursework in the Graduate Programs in Rehabilitation Sciences at the 500-level, an 18-credit thesis RHSC 549, and 6 elective credits. The elective credits may be selected from courses offered within the Program or from other academic units.

The specific courses taken will depend on the area of research chosen, in consultation with a research supervisor. Once accepted, each student must have a plan of studies approved by their research supervisor and supervisory committee.

Master of Rehabilitation Science

The Master of Rehabilitation Science (<http://www.mrsc.ubc.ca>) (M.R.Sc.), unlike traditional thesis-based research master's programs, is a combination of required and elective courses that include the option of completing a work- or practice-based research project. It is delivered online with part-time options to meet the needs of working health professionals.

Admission Requirements

Applicants must meet the [admissions requirements](#) of the Faculty of Graduate and Postdoctoral Studies. Admission is offered on a competitive basis, using the following guidelines:

- Degree: Completion of a recognized four-year baccalaureate degree at an accredited academic institution.
- Prior Education and Experience: Applicants must be an occupational therapist, physical therapist or rehabilitation practitioner in a related health and human services discipline. At least three years of rehabilitation work experience will be an asset.

Program Requirements

The Master of Rehabilitation Science (<http://www.mrsc.ubc.ca>) (M.R.Sc.) is a 30-credit, non-thesis, online master's degree program. In addition to requiring the five graduate courses in the Graduate Certificate in Rehabilitation (RHSC 501, 503, 505, 507, 509), or the five courses in the Graduate Certificate in Orthopaedic and Musculoskeletal Physical Therapy (RHSC 501, PHTH 580, PHTH 581, RHSC 587, RHSC 589), learners will complete additional RHSC electives for a total of 30 credits.

This master's degree program has been designed for occupational therapists, physical therapists and other health professionals with a baccalaureate degree who have already established their eligibility to practice in their discipline but want advanced knowledge to inform their practice.

Recommended: Completion of an introductory course in statistics.



Graduate Certificate in Rehabilitation

Please see Graduate Certificate in Rehabilitation.

Contact Information

Rehabilitation Sciences (M.Sc., Ph.D.)
T325 – Koerner Pavilion, 2211 Wesbrook Mall
Vancouver, BC, Canada V6T 2B5
Fax: 604.822.7324
M.Sc. and Ph.D.
Tel: 604.827.4055
Email: rehab.gradprogram@ubc.ca
Web: rehab.med.ubc.ca (<http://rehab.med.ubc.ca>)

Rehabilitation Sciences (M.R.Sc.)
T325-2211 Wesbrook Mall
Vancouver, BC, Canada V6T 2B5
M.R.Sc. (Online program)
Tel: 604.827.5374
Email: info@mrsc.ubc.ca
Web: www.mrsc.ubc.ca (<http://www.mrsc.ubc.ca>)

Last updated: June 7, 2021

Degree Programs > Religious Studies

Degrees Offered: Ph.D., M.A.

Members

Professors

L. Bablitz, E. Cooper, F. De Angelis, C. W. Marshall, T. Schneider.

Associate Professors

R. Cousland, G. E. Gardner, M. Griffin, S. McElduff, S. J. Milstein.

Assistant Professors

M. Daniels, K. Fisher, K. Huemoeller, G.A. Keddie, M. McCarty, F. Yoon.

Program Overview

The Religious Studies graduate program offers courses of instruction leading to both a Master of Arts (M.A.) and Doctor of Philosophy (Ph.D.). Studies leading to the M.A. degree are offered in the following areas of concentration: Biblical Studies; Christian Thought and Institutions; History of Religions; Islamic Studies; and Judaic Studies. The Ph.D. program at present provides training in Early Judaism, Christian Origins, and Religions of the Late Antique Mediterranean.

Doctor of Philosophy

Admission Requirements

In addition to fulfilling the Faculty of Graduate and Postdoctoral Studies admission requirements, prerequisites for the Ph.D. include an M.A. in Religious Studies or equivalent.

For details on the prerequisites and the graduate regulations (including language prerequisites and requirements), see the Program (<http://cnrs.ubc.ca/for-graduates/admission/>).

Program Requirements

The Ph.D. program consists of coursework, comprehensive examinations, and a research dissertation. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.



Master of Arts

Admission Requirements

In addition to fulfilling the Faculty of Graduate and Postdoctoral Studies admission requirements, prerequisites for the M.A. program include a B.A. in Religious Studies or equivalent.

Entry into the program requires at least 18 credits at the 300 and 400 level in Religious Studies (which may include up to 6 credits at the 300 or 400 level either in the study of Asian religions (ASIA) and/or of a classical language: Ancient Greek, Biblical Hebrew, Classical Arabic or Latin).

For details on language prerequisites, see the Program (<http://cnrs.ubc.ca/for-graduates/admission/>).

Program Requirements

The M.A. program requires 24 credits of coursework and the writing of an MA thesis worth 6 credits (CNRS 549). The 24 credits of coursework must include CNRS 500, and 18 must be numbered 500 or above (graduate courses), while the remaining 6 may, at the discretion of the program, be at the 300- or 400-level.

Modern Language Requirements

Students are required to demonstrate reading knowledge of an approved modern language (usually French, German or Italian). This requirement must be met before the end of the first year of study. Any courses taken to satisfy this requirement do not count towards the 30 credits required for the program.

Contact Information

Classical, Near Eastern and Religious Studies
Buchanan C227, 1866 Main Mall
Vancouver, BC, V6T 1Z1
Tel: 604.827.1635
Email: cnrs.grad@ubc.ca
Web: cnrs.ubc.ca (<http://cnrs.ubc.ca>)
Sheri Pak, Graduate Program Advisor

Last updated: June 7, 2021

Degree Programs > Reproductive and Developmental Sciences

Degrees Offered: Ph.D., M.Sc.

Members

Professors

M. Bedaiwy, L. Brotto, G. Hammond, D. Huntsman, K.S. Joseph, P. C. K. Leung, D. Money, T. Oberlander, W. Robinson, C. Roskelley, W. Vogl.

Professors Emeriti

N. A. Auersperg, J.T. Emerman, B. Gilks, R. Liston, P.F. McComb, Y. S. Moon, A. Perks, D. Rurak.

Associate Professors

A. Beristain, R. Cerri, A. Devlin, R. Elango, J. Hutcheon, S. Lisonkova, J. N. McAlpine, W. Norman, P. Yong.

Assistant Professors

M. Anglesio, H. Bayrampour Basmenj, , R. Flannigan, G. Hanley, , S. Mitchell-Foster, M. Ranger, A. Talhouk.

Program Overview

The goal of the graduate program in Reproductive and Developmental Sciences is to provide students with a broad knowledge of mammalian reproductive and developmental biology, as well as with in-depth expertise in at least one area of research, including reproductive and molecular endocrinology, immunology of reproduction, fertilization and early embryonic development, perinatal metabolism, and fetal neonatal physiology. M.Sc. and Ph.D. programs of study are offered. Both programs involve coursework and completion of a thesis/dissertation based on research carried out by the student.



Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess a master's degree in biological science or related area, or its academic equivalent (M.D., D.V.M., D.D.S.) with clear evidence of research ability or potential. Transfer from the master's to the Ph.D. program is permitted under Faculty of Graduate and Postdoctoral Studies regulations. Exceptional students may be admitted directly to the Ph.D. program from the bachelor's level.

Program Requirements

The program will be developed from the courses offered in the Department of Obstetrics and Gynaecology or other departments at UBC. All students must successfully complete OBST 506 (Seminars in Reproductive Biology). Additional coursework is selected in consultation with the student's supervisory committee. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program normally possess a bachelor's degree in biological science or related area, or its academic equivalent (M.D., D.V.M., D.D.S.) and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.Sc. program consists of at least 30 credits, including a thesis (OBST 549, 12-18 credits; students admitted from 2010W onwards must complete OBST 549 for 18 credits). The thesis is required to be submitted to and accepted by the Faculty of Graduate and Postdoctoral Studies. OBST 506 (Seminars in Reproductive Biology) must be taken by all students. Other courses will be determined by the M.Sc. Supervisory Committee to meet the student's academic requirements, as well as the requirements of the Faculty of Graduate and Postdoctoral Studies.

Contact Information

Department of Obstetrics and Gynaecology
Rm C420-4500 Oak St.
Vancouver, BC, Canada V6H 3N1
Tel: 604.875.3108
Email: natalie.twohey@cw.bc.ca
Web: obgyn.ubc.ca/education/graduate-studies/ (<http://obgyn.ubc.ca/education/graduate-studies/>)
Natalie Twohey, Senior Program Assistant

Last updated: June 7, 2021

Degree Programs > Resources, Environment and Sustainability

Degrees Offered: Ph.D., M.A., M.Sc.

Members

Professors

K. Chan, S. Chang, H. Dowlatabadi, L. Harris, M. Johnson, M. Kandlikar, C. Kremen, G. Öberg, N. Ramankutty, T. Satterfield, H. Wittman.

Associate Professors

D.R. Boyd, J. Zhao.

Assistant Professor

A. Giang.

Program Overview

The Institute for Resources, Environment and Sustainability (IRES) provides interdisciplinary graduate studies through the Resources, Environment and Sustainability program (RES). The mission of IRES is to foster sustainable futures through integrated research and learning concerning the linkages among human and natural systems and to support decision making for local to global scales. RES provides a home for graduate students focusing on the integration of the biophysical (ecological), socio-economic, and political realities of resource management within the context of a sustainable, healthy



environment.

Students in RES develop tailored academic programs for their graduate degrees to draw on the expertise of faculty from across the campus, as well as the private and public sectors. To enable students to develop unique graduate programs that capture the breadth of their previous educational experience and their academic and career goals, RES offers either a Master of Arts or Science degree as well as a Ph.D. Graduate student supervisors, as well as members of the supervisory committee, are selected from various units and departments across the University representing the faculties of Arts, Science, Forestry, Land and Food Systems, Commerce and Business Administration, Applied Science, Law, and Education.

Doctor of Philosophy

Admission Requirements

The academic program is flexible and, to a large extent, tailored to the educational goals of the student, though a strong interdisciplinary focus must be key to the student's plans. A dissertation proposal is required at the time of formal application to the program, as is a sample of academic writing by the applicant. The dissertation proposal facilitates the selection of an appropriate supervisor, supervisory committee, and individual academic direction. Students admitted to the Ph.D. degree program generally possess a master's degree, with clear evidence of research ability or potential.

Program Requirements

The Ph.D. program involves intensive research resulting in an original and scholarly contribution to knowledge in the field of study. The student is expected to initiate and develop a research plan in consultation with their supervisory committee. The program, because of its comprehensive nature, normally requires four years for completion. Students admitted to the RES program will be required to take RES 602, plus a methods course decided in consultation with the supervisory committee. In exceptional circumstances RES 602 may be substituted for a course approved by the supervisory committee and grad chair. Additional coursework may be selected in consultation with the student's supervisory committee and approved by the graduate program chair.

All doctoral students are required to successfully complete a comprehensive examination and required coursework within 24 months of entering into the Program. The major requirement for the Ph.D. is completion of a research dissertation that meets requirements of the Faculty of Graduate and Postdoctoral Studies.

Master of Arts

The master's degree provides students with the opportunity to broaden their academic and research experience. A student's background, thesis topic, approach to research, and program electives will govern whether they will pursue either the M.A. or M.Sc. degree program.

Admission Requirements

All applicants must meet the Faculty of Graduate and Postdoctoral Studies' minimum academic standards for admission. Additional requirements are stated on the RES program website.

A research investigation producing a scholarly contribution to the particular area of study is necessary. Normally, these programs will take two years to complete, including at least one year of residence.

Program Requirements

The master's degree requirement is a minimum of 30 credits, including a 12-credit thesis (RES 599). Of the remaining 18 credits of coursework, at least 12 credits must be in courses numbered 500 or above. The academic program must be approved by the supervisory committee and the graduate program chair. The intent of the program is to ensure that the student research and write an integrative thesis. Upon completion of the thesis, an external examiner (on or off campus) will be appointed to the examination committee for the thesis defence.

Master of Science

The master's degree provides students with the opportunity to broaden their academic and research experience. The student's background, the selection of the thesis topic, the approach to research, and the program electives, govern whether the M.A. or M.Sc. degree program is pursued.

Admission Requirements

Same as for the M.A.

Program Requirements

Same as for the M.A.

Contact Information

Institute for Resources, Environment and Sustainability
Resources, Environment and Sustainability Program
AERL 430-2202 Main Mall



Vancouver, BC Canada V6T 1Z4
Tel: 604.822.9034
Fax: 604.822.9250
Email: admissions@ires.ubc.ca
Web: www.ires.ubc.ca (<http://www.ires.ubc.ca>)

Last updated: June 7, 2021

Degree Programs > School and Applied Child Psychology

Degrees Offered: Ph.D., M.A., M.Ed.

Members

Associate Professors Emeriti

L. Miller.

Associate Professors

L. Ford, A. Kassan.

Assistant Professors

A. Cloth, W. McKee.

Program Overview

The School and Applied Child Psychology graduate programs prepare students to become psychologists who work in a variety of settings, including: research, academic, school, community, and private settings. The primary goal of the program is to develop professional psychologists whose research, training, and practice activities increase the educational and psychological well-being of children and youth. The program follows a scientist-practitioner model, with emphasis on the integration of theory, research, and clinical skills. Training encompasses academic, social, emotional, behavioural, consultation, intervention, and prevention domains. Students receive training in the integration of assessment and intervention, and in relevant professional, legal, and ethical issues. Science and professional practice are viewed as interactive and complementary, with research integrated across core psychological and educational foundations, as well as relevant practical experiences at all levels of the program. The program places a strong emphasis on evidence-based prevention, intervention, and systems-level change. In addition school and applied child psychology training at UBC maintains a strong appreciation for diversity, in terms of the populations served; the students admitted; languages spoken; issues and elements of practice examined and trained; and the provision of skills and experiences in working with a broad range of clients, families, and settings.

Doctor of Philosophy

The doctoral program in school and applied child psychology is designed to prepare psychologists who can serve as researchers, academics, practitioners, supervisors, and leaders in school and applied child psychology.

The Ph.D. program in School and Applied Child Psychology (SACP) has been accredited by the Canadian Psychological Association (CPA) since 2012. The next site visit is in 2020-2021.

Admission Requirements

In addition to the minimum admission requirements set by the Faculty of Graduate Studies, students admitted to the Ph.D. degree program normally possess an M.A. in School and Applied Child Psychology equivalent to the requirements of the UBC M.A. program and graduate or senior undergraduate preparation in human development, history and systems of psychology, biological bases of behaviour, and basic interviewing skills. Prerequisites not met prior to entry may be included in the doctoral program of study. Transfer from the M.A. to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies.

Students are required to complete the GRE with a minimum score of 153 on verbal and 144 on quantitative categories. Applicants for whom English is not their primary language should write the GRE but inform the admissions committee of this fact. Minimum TOEFL scores are 600 (paper), 250 (computer-based), or 100 (internet-based: 22 Reading, 22 Writing, 25 Listening, 25 Speaking).

Program Requirements

The typical doctoral program is 32 credits, beyond completion of the UBC School and Applied Child Psychology M.A. or equivalent program.

An emphasis of the program is on making systems level change. All students take coursework in all of the following areas:

- consultation (EPSE 551)community systems (EPSE 633)



- diversity (courses to be approved by the program advisor)
- professional practice (e.g., prevention, intervention, assessment; courses to be approved by the program advisor)
- psychological foundations (courses to be approved by the program advisor)
- research methodology (courses to be approved by the program advisor)

Students complete practicum experiences in at least two years of the program including on and off campus placements and experience doing supervision. A year-long pre-doctoral internship is also required. In addition, all doctoral students are required to successfully complete a comprehensive examination. The final requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Arts

Admission Requirements

In addition to the minimum admission requirements set by the Faculty of Graduate and Postdoctoral Studies (normally, a four-year bachelor's degree with a B+ average in third- and fourth-year level coursework) in a relevant area of study, students are required to meet the following pre-requisite requirements:

- a minimum of 18 credits in psychology, educational psychology, or special education and related disciplines, including CNPS 362 or an equivalent undergraduate course in basic interviewing skills.
- senior-level undergraduate coursework in measurement, statistics, and research methodology (with the permission of the faculty program advisor, a data-based undergraduate honours thesis can be used to meet the research methodology requirement).
- research experience which may be documented in a number of ways including an undergraduate honours thesis, paid research position, volunteer in a research lab for a semester or more, etc.
- evidence of suitability for professional work with school-aged populations, including successful work experience with school-aged populations, school-based experience, and/or teacher certification.

Students are required to complete the GRE with a minimum score of 153 on verbal and 144 on quantitative categories. Applicants for whom English is not their primary language should write the GRE but inform the admissions committee of this fact. Minimum TOEFL scores are 600 (paper), 250 (computer-based) or 100 (internet-based: 22 Reading, 22 Writing, 25 Listening, 25 Speaking).

Program Requirements

The School and Applied Child Psychology Master of Arts (M.A.) program requires two years of full-time study, including practicum experiences throughout the program. The full program requires 42 credits. In exceptional circumstances up to 12 credits of coursework may be waived in recognition of previous coursework and/or relevant work experience.

Students are required to complete a sequence in school and applied psychology practice, including coursework in all of the following areas:

- professional, ethical, and legal issues in school psychology (EPSE 550)
- cognitive, academic, and social-emotional assessment (EPSE 535, EPSE 556)
- educational and psychological prevention and intervention (courses to be approved by program advisor)
- psychopathology (EPSE 506)
- cognitive and affective theories (EPSE 553)
- measurement and psychometrics (EPSE 528)
- research methods (courses to be approved by program advisor).

Practicum is completed in both years of the program. All students must complete a data-driven thesis.

The program is designed for students who intend continue directly to doctoral study in school and applied child psychology upon M.A. program completion. Promotion to graduation or continuation in the program requires that students demonstrate interpersonal and ethical qualities commensurate with working in educational and community settings.

For B.C. teachers: Teacher Qualification Service requires a capstone experience, met in this program with the completion of a thesis.

Master of Education

Admission Requirements

In addition to the minimum admission requirements set by the Faculty of Graduate and Postdoctoral Studies (normally, a four-year bachelor's degree with a B+ average in third and fourth year-level coursework) in a relevant area of study, students are required to meet the following pre-requisite requirements:

- a minimum of 18 credits in psychology, educational psychology, or special education and related disciplines, including CNPS 362 or an equivalent undergraduate course in basic interviewing skills.
- senior-level undergraduate coursework in measurement, statistics, and research methodology (with permission of the faculty program advisor, a data-based undergraduate honours thesis can be used to meet the research methodology requirement).
- evidence of suitability for professional work with school-aged populations, including successful work experience with school-aged populations,



school-based experience, and/or teacher certification

Students are required to complete the GRE with a minimum score of 153 on verbal and 144 on quantitative categories. Applicants for whom English is not their primary language should write the GRE but inform the admissions committee of this fact. Minimum TOEFL scores are 600 (paper), 250 (computer-based) or 100 (internet-based: 22 Reading, 22 Writing, 25 Listening, 25 Speaking).

Program Requirements

The School and Applied Child Psychology Master of Education (M.Ed.) program requires three years of full time study, including both on-campus courses and school-based internship experiences. The full program requires 42 credits. In exceptional circumstances up to 12 credits of coursework may be waived in recognition of previous coursework and/or relevant work experience. Students are required to complete a sequence in School and Applied Child Psychology Practice, including coursework in all of the following areas:

- professional, ethical and legal issues in school psychology (courses to be approved by program advisor)
- consultation (courses to be approved by program advisor)
- cognitive, academic and social-emotional assessment (EPSE 555, EPSE 556)
- school-based psychological intervention and prevention (EPSE 552)
- psychopathology (EPSE 507)
- academic and behavioural interventions (EPSE 531, EPSE 576)
- measurement and psychometrics (EPSE 528)

An eight-month integrated field practicum is completed in year two in addition to the intensive 10-month school-based practicum/internship in year three. This internship includes the development of a professional portfolio that brings together the students' goals and objectives as well as their accomplishments and experiences in the program.

Promotion to graduation or continuation in the School and Applied Child Psychology program requires that students demonstrate interpersonal and ethical qualities commensurate with working in educational and community settings.

For B.C. teachers: Teacher Qualification Service requires a capstone experience, met in this program with the intensive internship and development of a professional portfolio.

Contact Information

Department of Educational and Counselling Psychology, and Special Education
2125 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.5351
Fax: 604.822.3302
Email: lee.smith@ubc.ca
Web: www.ecps.educ.ubc.ca (<http://www.ecps.educ.ubc.ca>)
Lee Smith, Graduate Programs Support

Last updated: June 7, 2021

Degree Programs > Science and Technology Studies

Degrees Offered: M.A.; STS is also a Research Stream in participating degree programs.

Members

Professors

T. Barnes, P. Bartha, J. Beatty, S. Berryman, A. Frank, K. Johnston, H. Gusterson, T. Kemple, R. Mawani, S. Petrina, K. PhilipM.V. Ramana, A. Richardson, M. Schabas, J. Segal, E. Thompson, J. Wang, G. Winthrop-Young, A. Wylie.

Professors Emeriti

D. Danielson, M. Fee, D. Newell.

Associate Professors

S. Anger, K. Bowers, R. Brain, C. Callison, A. Dick, I. Hill, I. Iurascu, A. Kojevnikov, V. Nardizzi, T. Smith, D. Steel, C. Stephens, H. Tworek, .

**Assistant Professors**

K. Bowers, D. Woods.

Program Overview

The Graduate Program in Science and Technology Studies offers opportunities for advanced research and study of scientific work and thought from a variety of perspectives associated with the humanities and social sciences. Associated Ph.D. and M.A. degrees appear as a research stream under the individual graduate programs in English, History, Philosophy, and Sociology, for example, "History—Science and Technology Studies".

The M.A. degree program in Science and Technology Studies offers graduate students firm grounding in the fundamental concepts, research methods, and discourses of STS, including disciplinary and theoretical perspectives on the question of scientific objectivity and methodology; sites of knowledge production; the development of scientific knowledge and technological practices; the uses of knowledge in policymaking and other social contexts; the political and social roles of scientists, engineers, and other experts; science, technology, and ethics; science, technology, and aesthetic representation; public perceptions of science and technology; the rhetoric of science; and critical analysis of interactions between science and technology and the broader literary and media cultures in which they are embedded.

Doctoral Research Streams in Science and Technology Studies are available in English, History, Philosophy, and Sociology graduate programs. For details, please see description under these graduate programs.

Master of Arts**Admission Requirements**

Students admitted to the M.A. Program normally possess a degree that is academically equivalent to a UBC 4-year Bachelor degree, with a minimum B+ average in third- and fourth-year-level coursework, or at least 12 credits of third- or fourth-year courses in the A- grade range (at UBC 80% or higher). Acceptance into the Program is dependent upon meeting the general admissions requirements of the Faculty of Graduate and Postdoctoral Studies and acceptance by the Program's Graduate Advisory Committee.

Program Requirements

Students accepted into the M.A. Program are expected to complete the program in two years. The program of study will include 18 credits of coursework and a 12 credit research thesis under the supervision of a faculty member.

In addition to coursework, students will demonstrate their ability to contribute original research to the field through thesis requirements. A student's overall program of study is decided upon by the student, in consultation with and subject to the approval of his or her research supervisor, and with the approval of the Program's Graduate Advisory Committee.

Contact Information

Science and Technology Studies Graduate Program
1866 Main Mall - E370
Vancouver, BC, Canada V6T 1Z1
Tel: 604.822.8837
Email: sts.gradprog@ubc.ca
Web: sts.arts.ubc.ca/ (<http://sts.arts.ubc.ca/>)
Mimi Yu, Graduate Program Administrator

Last updated: June 7, 2021

Degree Programs > Science Education

Degrees Offered: M.A., M.Ed.

Members**Professors**

D. Anderson, M. Milner-Bolotin, S. Nashon.

Associate Professors

S. Khan, M. Tan.

Program Overview



The graduate programs (M.Ed. and M.A) in Science Education are part of the graduate offerings in the Department of Curriculum and Pedagogy. Our graduate programs in Science Education offer students opportunities to pursue a wide range of research and professional interests in the areas of science education, including teacher education, learning and teaching at elementary, secondary, and post-secondary levels and in diverse contexts, such as museums and other institutions and technology-enhanced settings.

Part-time and full-time study options are available.

Mode of delivery: Blended (Courses available on-campus and online).

Master of Arts

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Studies requirements, the program normally requires:

1. 18 credits of upper-level coursework or a professional concentration in the area of interest, and
2. two years of teaching experience or other relevant professional experience.

Program Requirements

The program consists of 30 credits. At least 15 credits of coursework must be 500-level or higher. A maximum of 6 credits may be taken at the 300- or 400-level. A thesis, normally 9 credits, is included.

Master of Education

Admission Requirements

Same as for the M.A.

Program Requirements

The program consists of a minimum of 30 credits; at least 24 credits must be courses numbered at the 500-level. A maximum of 6 credits may be taken at the 300- or 400-level. Students select either a program consisting entirely of courses (30 credits) or 27 credits of coursework plus a graduating project (3 credits).

Contact Information

Department of Curriculum and Pedagogy
2125 Main Mall
Vancouver, BC, Canada V6T 1Z4
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Email: edcp.grad@ubc.ca
Web: www.edcp.educ.ubc.ca (<http://www.edcp.educ.ubc.ca>)
Alan Jay, Graduate Program Assistant

Last updated: June 7, 2021

Degree Programs > Social Studies Education

Degrees Offered: M.A., M.Ed.

Members

Professors

P. Clark, W. Ross.

Associate Professors

L. Loutzenheiser.

Assistant Professor

L. Gibson, H. Keenan.



Program Overview

The graduate programs (M.Ed. and M.A) in Social Studies Education are part of the graduate offerings in the Department of Curriculum and Pedagogy. Social Studies prides itself in offering a rich environment with unparalleled opportunities for graduate students desiring a wide range of backgrounds and interests including visual culture, anti-oppressive education, gender studies, historical consciousness, moral education, and the history and politics of curriculum. In addition to the required coursework, a vibrant graduate student community is fostered through speaker series, research centres, seminars, and study groups.

Master's programs offer flexibility depending upon student needs and desires. Full-time or part-time studies focusing on professional development and/or research are available. Core courses focus on research methods, principles of social studies education, and curriculum studies.

Part-time and full-time study options are offered.

Master of Arts

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Study Requirements, the program normally requires:

1. 18 credits of upper-level coursework or a professional concentration in the area of interest, and
2. two years of teaching experience or other relevant professional experience.

Program Requirements

The program consists of 30 credits. At least 15 credits of coursework must be 500-level or higher. A maximum of 6 credits may be taken at the 300- or 400-level. A thesis, normally 9 credits, is included.

Master of Education

Admission Requirements

Same as for the M.A.

Program Requirements

The program consists of a minimum of 30 credits; at least 24 credits of coursework must be at the 500-level or higher. A maximum of 6 credits may be taken at the 300- or 400-level. Students select either a program consisting entirely of courses (30 credits) or 27 credits of coursework plus a graduating project (3 credits).

Contact Information

Department of Curriculum and Pedagogy
2125 Main Mall
Vancouver, BC, Canada V6T 1Z4
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Email: edcp.grad@ubc.ca
Web: www.edcp.educ.ubc.ca (<http://www.edcp.educ.ubc.ca>)
Alan Jay, Graduate Program Assistant

Last updated: June 7, 2021

Degree Programs > Social Work

Degrees Offered: Ph.D., M.S.W.

Members

Professors

D. Baines, S. Marshall, D. O'Connor, T. Stainton, M. C. Yan.

Associate Professors

C. Bratotiis, L. Caragata, G. Charles, E. A. Kruk, H. Montgomery.



Assistant Professors

M. Ibrahim, H. Kia, B. Lee.

Professors Emeriti

G. Riches, M. Russell, F. Tester.

Associate Professors Emeriti

P. McNicoll, B. O'Neill, R. Sullivan, R.W. Vedan, M. Wright.

Program Overview

The Ph.D. in Social Work and the Master of Social Work provide students with backgrounds in social work, social policy, social development, opportunities for advanced scholarship, and professional growth in the context of research-intensive programs. Students are prepared for university teaching and research (theoretical and applied), including program evaluation. The program can also provide critical components for professional practice in research, policy analysis, and human service management.

Via their program of work, students are expected to acquire a basic grounding in the core theoretical paradigms relevant to their course of study and quantitative and qualitative research methods, as well as specialized competencies in the methodological skills necessary for productive scholarship in the substantive area of their chosen research. A research-based dissertation adding to the field's knowledge base is the capstone of this program.

Doctor of Philosophy

Admission Requirements

A master's degree in social work or related field is normally required for admission. Entering students are expected to have 3 credits of graduate-level courses in statistics, quantitative methods, and qualitative methods. One methods course can be made up in year one. Transfer from the master's to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies.

Part-time Doctoral Classification is also available. Students who wish to be classified as part-time must obtain approval from their proposed supervisor and graduate program advisor as part of the admission process.

Program Requirements

Students entering the Ph.D. program will be required to spend a minimum of two terms of uninterrupted duration (8 months) in full-time status at the University. Students in the program will be expected to take at least 15 credits of coursework including:

- SOWK 601: Social Work Doctoral Seminar
- SOWK 621: Social Theory, Ideology and Ethics
- A 3-credit substantive course selected with Advisory Committee's approval
- Two of the following three courses:
 1. SOWK 623: Advanced Data Analysis in Social Work
 2. SOWK 654: Advanced Qualitative Inquiry
 3. EPSE 591: Theory and Practice of Program Evaluation

Students may substitute one methods course with the approval of the Doctoral Program Coordinator.

Appropriate coursework will be selected in consultation with the student's supervisory committee and will depend on the student's background and field of study. All students are expected to be admitted to candidacy within two years of initial registration. To do this, students must:

- complete their residency and all required courses,
- pass their comprehensive examinations, and
- have their dissertation proposal approved.

All doctoral students are required to complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Professional Conduct for Social Work Students

Please see the policy on [Professional Conduct for Social Work Students](#).



Master of Social Work

There are two entry points into the M.S.W. Students with a B.S.W. can apply for entry into the one-year, 30-credit M.S.W. Students with a baccalaureate degree other than a B.S.W. can apply for entry into the two-year, 60-credit M.S.W. program.

Admission Requirements

General admission requirements for the one-year M.S.W. include a Bachelor of Social Work (B.S.W.) degree or equivalent and at least 3 credits of coursework in statistics. Other factors considered are: competitive academic standing (GPA), study plan, professional social work experience, and letters of reference.

General admission requirements for the two-year M.S.W. include a baccalaureate degree in social sciences or humanities or closely related professional field. Applicants are required to have completed at least 3 credits of coursework in both statistics and research methodology. For example, SOWK 320 Introduction to Social Work Research would meet the research methodology prerequisite. Other factors considered are: competitive academic standing (GPA), study plan, social service experience, and letters of reference.

Program Requirements

- Students with a B.S.W. can directly enter the second year of the program.
- The first year of study requires the completion of 24 credits of coursework, plus a 6-credit practicum.
- The second year requires completion of 30 credits.
- Students must take the course on social justice (SOWK 550), a minimum of 6 credits in research methods, and a practicum.
- Students must take an integrative seminar course (SOWK 559), and have the option of also writing a thesis - SOWK 549.
- Students elect one of the following fields of practice for the remainder of the credits: children and families, health and social care, or international/social development.
- A maximum of 6 credits of courses may be taken outside of the School.
- Part-time study is available.

Professional Conduct for Social Work Students

Please see the policy on [Professional Conduct for Social Work Students](#).

Contact Information

The School of Social Work
2080 West Mall
Vancouver, BC, Canada V6T 1Z2
Tel: 604.827.2164
Fax: 604.822.8656
Email: sowk.student-services@ubc.ca
Web: www.socialwork.ubc.ca (<http://www.socialwork.ubc.ca>)
Christine Graham, Program Advisor
Joyce Ma, Admissions Secretary

Last updated: June 7, 2021

Degree Programs > Society, Culture and Politics in Education

Degrees Offered: M.Ed.

Members

Professors

A. Abdi, V. Andreotti, M. Gleason, D. Kelly, A. Mazawi, L. Roman, C. Ruitenber, H. Wright.

Professors Emeriti

J. Archibald, D. Fisher, V. Strong-Boag, C. Ungerleider.

Associate Professors

C. Ahenakew, J. Ellis, S. Rocha, T. Webb.

Assistant Professor



A. Parent.

Program Overview

The goal of the Society, Culture and Politics in Education (SCPE) graduate program is to use the social sciences and humanities to study education and to address major issues affecting educational policy and practice. The program addresses social justice issues such as the unequal distribution of resources, disparity of educational outcomes, power relations, recognition and representation from a variety of perspectives, including but not limited to post-colonial, feminist, anti-racist, materialist, and First Nations perspectives.

The SCPE graduate program offers a Master of Education (M.Ed.) in Society, Culture and Politics in Education. The Master of Arts (M.A.) in Educational Studies program also offers a concentration in SCPE. Students wishing to pursue an M.A. in this concentration will consult with a supervisor to meet the requirements described in the [EDST M.A.](#) section. Both M.Ed. and M.A. programs are also available as part-time studies.

Students interested in the SCPE program have diverse academic, professional, and community backgrounds, varied research interests and represent a wide range of contexts and interests including but not limited to social justice education. SCPE faculty and students often bring their knowledge to current affairs, policymaking, community, classrooms, workplaces, and families. SCPE aims to develop scholars, researchers, and practitioners.

Master of Education

Admission Requirements

Applicants to the M.Ed. program are expected to meet the [Admission Requirements](#) of the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.Ed. is a 30-credit program designed for professionals in education whose primary focus is understanding and improving educational practice. It is primarily course-based. Requirements are as follows:

- EDST 509, EDST 577 and EDST 597
- One of EDUC 500, EDST 571, EDST 545 or EDST 546
- One three-credit SCPE-specific elective (e.g., EDST 502, EDST 506, EDST 570, EDST 576, EDST 578, EDST 593) and 12 credits of open electives
- Graduating paper (EDST 590) or one other 3-credit EDST graduate course

Contact Information

Department of Educational Studies
Education Centre at Ponderosa Commons
6445 University Boulevard
Vancouver, BC, Canada V6T 1Z2
Tel: 604.822.6647
Fax: 604.822.4244
Email: grad.edst@ubc.ca
Web: <http://edst.educ.ubc.ca/programs/society-culture-politics-in-education/> Graduate Program Assistant

Last updated: June 7, 2021

Degree Programs > Sociology

Degrees Offered: Ph.D., M.A.

Members

Professors Emeriti

D. Currie, D. R. Matthews, N. Guppy.

Professors

J. Berdahl, G. Creese, S. Fuller, A. Ghaziani, T. Kemple, A. Martin-Matthews, R. Mawani, B. Ross, G. Stecklov, D. Tindall, G. Veenstra, R. Wilkes.

Associate Professors

S. Abrutyn, C. Corrigan-Brown, S. Elliott, Q. Fu, A. Hanser, B. Hirsh, E. Huddart-Kennedy, K. Huyser, P. Johnson, S. Lauer, N. Lauster, L. Richardson C. Yodanis.



Assistant Professors

A. Cheong, M. Musto,, Y. Qian, T. Silva.

Program Overview

The Department of Sociology offers advanced study leading to both the Master of Arts (M.A.) and Doctor of Philosophy (Ph.D.) degrees. The department has specialization in the following core areas of study:

- Environment, community, and social movements;
- Family and the life course;
- Gender and sexuality;
- Health and healthcare;
- Knowledge, culture, and power;
- Race, ethnicity, and immigration; and
- Work, economy, and globalization.

The department is committed to providing its graduate students with theoretical and methodological training, mentorship, and professional development. Students typically receive extensive financial support in the form of graduate scholarships, teaching assistantships, and research assistantships. Students work closely with faculty members on their own thesis research projects and often have opportunities to work on departmental research projects as well.

Please visit the Department (<http://www.soci.ubc.ca>) for more information about graduate study in Sociology at UBC.

Doctor of Philosophy

Admission Requirements

The prerequisite for the Ph.D. program normally is a master's degree in sociology, which includes preparation in sociological theory and in research methods. Exceptional M.A. students may seek transfer to the Ph.D. program after the first year of graduate work, provided the student meets the regulations set by the Faculty of Graduate and Postdoctoral Studies and follows procedures set out by the Sociology Graduate Studies Committee.

Program Requirements

Appropriate coursework may be selected in consultation with the student's supervisory committee. All doctoral students are required to complete two comprehensive examinations successfully. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Arts

Admission Requirements

Students admitted to the M.A. degree program must hold a B.A. degree in sociology or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.A. program, which is available to both full-time and part-time students, requires courses which include sociological theory and research methods. Students must complete 30 credits of work that includes a 6-credit thesis.

Emphasis in Science and Technology Studies for Doctoral and Masters Students

Both the Ph.D. and M.A. in Sociology, offer students an opportunity to focus a portion of their studies towards an emphasis in Science and Technology Studies (STS). The STS emphasis offers opportunities for advanced research and study of scientific work and thought from a variety of perspectives associated with the humanities and social sciences. Students in the STS emphasis are required to take STS 501 (3), STS 502 (3), and STS 597 (M.A.) or STS 598 (Ph.D.).

For more information on the STS emphasis, please see the STS Webpage (<http://sts.arts.ubc.ca/>).

Contact Information

Department of Sociology
6303 NW Marine Drive
Vancouver, BC, Canada V6T 1Z1
Tel: 604.822.0503



Fax: 604.822.6161
Email: soci.grad@ubc.ca
Web: www.sociology.ubc.ca (<http://www.sociology.ubc.ca>)

May Chan, Graduate Program Coordinator

Last updated: June 7, 2021

Degree Programs > Soil Science

Degrees Offered: Ph.D., M.Sc., M.L.W.S.

Members

Professors Emeriti

L. M. Lavkulich, H. E. Schreier.

Professors

A. Black, C. Chanway, S. Grayston.

Associate Professor Emeritus

A. A. Bomke.

Associate Professors

M. Krzic., S. M. Smukler.

Assistant Professor

J. T. Cornelis.

Program Overview

Soil Science offers opportunities for advanced study and research leading to Ph.D. and M.Sc. degrees in the areas of soil microbial ecology, organic matter, soil physics, irrigation and drainage, biometeorology, soil pollution, soil and water conservation, soil management, and land use, with application to forest, agricultural, urban, and range soils, as well as a professional Master of Land and Water Systems (M.L.W.S.) degree. The Ph.D. and M.Sc. degrees include a combination of courses in both basic and applied sciences, with research leading to the completion of a thesis/dissertation. The M.L.W.S. degree is intended for students seeking a post-baccalaureate degree for professional practice in the land and water resources management realm. The program is designed to be completed in one calendar year.

Soil Sciences programs are enriched through collaboration with: colleagues in other graduate programs, such as Forestry, Geography, Plant Science, Institute for Resources and Environment, Integrated Studies in Land and Food Systems, and Landscape Architecture; and agencies such as Environment Canada, Canadian Forest Service, Agriculture and Agri-Food Canada, BC Ministry of Forests and Range, and other provincial, municipal, and regional government agencies.

Research facilities are housed both within the MacMillan and Forest Sciences Buildings and, on a shared basis, in other buildings on campus. Research facilities within the MacMillan Building include modern analytical laboratories and other equipment for conducting chemical and biometeorological research, while excellent facilities for soil biological research are located in the Forest Sciences Centre.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess an M.Sc. degree in soil science or a related area, with clear evidence of research ability or potential. Transfer from the M.Sc. to the Ph.D. program is permitted under regulations Faculty of Graduate and Postdoctoral Studies regulations.

Program Requirements

Appropriate coursework may be selected in consultation with the student's supervisory committee. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.



Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program normally possess a four-year B.Sc. degree in soil science or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The program consists of a minimum of 30 credits of coursework selected in consultation with the student's supervisory committee, and includes graduate courses in soil science and other areas relevant to the student's research. At least 24 credits must be at the 500-level or higher.

Master of Land and Water Systems

Admission Requirements

For admission to the Master of Land and Water Systems (MLWS) degree program, applicants must meet the admissions requirements of the Faculty of Graduate and Postdoctoral Studies and should have a science-based bachelor's degree, preferably in one of the following disciplines: soil science, agricultural science, environmental science, geology, geography, ecology, forestry, or environmental or civil engineering. A background in introductory (first-year university equivalence) economics, geology, physical geography and soil science is beneficial but not required for admission into the program.

Application for admission must include a letter outlining the applicant's previous experience as well as their intent for pursuing the MLWS degree and how it will enhance their career goals. Applicants may be interviewed by a MLWS advisor to determine any academic deficiencies, including lack of pre-requisites.

Admission may be contingent on concurrent completion of first-year introductory courses in deficient area(s) at UBC or a recognized post-secondary institution to meet the admission requirements of the program.

Program Requirements

The MLWS degree requires 33 credits of coursework, consisting of 21 credits of required courses plus 12 credits of electives.

Required Courses:

- LWS 501 (3)
- LWS 510 (3)
- LWS 550 (3)
- FRE 302 or equivalent (3)
- LWS 548 (6)
- At least one of LWS 515 (3) or LWS 517 (3) (Note: Student can get credit for both towards the degree)

If the 33 credits, a maximum of 6 credits may be at the 300 - 400 level, and 27 credits must be at the 500 - level or higher. Transfer credits for equivalent course content are acceptable but must be approved by the MLWS Director prior to entry into the program. Transfer credit information can be found in the Academic Calendar (<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,204,342,1529>).

The MLWS degree program is designed to be taken on a full-time basis. The program's course sequence is scheduled from September to April, and the capstone LWS 548 Major Project is completed from May to August, thus completing the degree in 12 months of intensive study. Completing the MLWS program requirements in a period longer than 12 months (part-time), must be discussed and approved by the Program Director prior to the student's program commencement.

Each student is required to complete a Major Project, modelled after a "professional paper" (LWS 548). This may be conducted off-campus and is co-supervised by a recognized professional (such as a Professional Agrologist, Biologist, Forester, Geoscientist), UBC Faculty member approved by the Academic Coordinator.

The MLWS program will allow students to gain credit towards accreditation in existing appropriate professional organizations and does not propose any new professional accreditation.

Contact Information

Admission & Administrative Coordinator

Faculty of Land and Food Systems
291-2357 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.8373
Fax: 604.822.4400
Email: ifs.gradapp@ubc.ca
Web (MLWS): www.mlws.landfood.ubc.ca (<http://www.mlws.landfood.ubc.ca>)



Degree Programs > Special Education

Degrees Offered: Ph.D., M.A., M.Ed.

Members

Professors

D. Butler, C. Holbrook, J. Jamieson, S. Mercer, P. Mirenda, N. Perry.

Associate Professors

J. Cannon, R. Ervin, J. Katz, J. Lucyshyn, K. Zebehazy.

Assistant Professors

V. Knight, O. Lo, W. McKee.

Professors Emeriti

E. Jordan, L. Siegel.

Program Overview

The Special Education area concerns the habilitation and education of students with exceptionalities, such as students with visual impairments, physical disabilities, emotional or behavioural disorders, learning disabilities, developmental disabilities, and students who are deaf or hard of hearing. The program also includes a focus on gifted and talented students. The master's programs focus on both research and practice. The M.A. is a research degree, appropriate preparation for doctoral studies, and incorporates a research thesis. The M. Ed. provides advanced professional preparation in areas of Special Education. Topics addressed in the master's programs include cognitive, language, and social development; learning and instructional design; and cultural and individual differences in relation to exceptional students.

UBC does not offer an undergraduate degree in special education.

The undergraduate courses in special education are open to students enrolled in the regular B.Ed. program or in one of the following post-B.Ed. special education programs: (1) Master of Education (M.Ed), (2) Master of Arts (M.A.), and (3) Diploma in Special Education. Most undergraduate courses are also available to Unclassified students.

Doctor of Philosophy

Admission Requirements

Typically, doctoral students in Special Education enter with extensive practical experience in general or special education, school administration, speech-language pathology, school psychology, or related professions. Doctoral education follows the scientist-practitioner model, with preparation in both research and professional skills.

Part-time Doctoral Classification is also available. This must be approved at the point of admission
<http://calendar.ubc.ca/vancouver/index.cfm?tree=12,204,341,187>

Program Requirements

Graduates are prepared to assume leadership roles in a wide variety of educational, academic, community, private practice, and research settings. The Ph.D. program is developed for each student, reflecting program requirements, individual professional and academic preparation, and career goals.

All Special Education doctoral students are required to: develop competence in at least two research methodologies; complete comprehensive examinations; and complete coursework that is determined on an individual basis. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Arts

Admission Requirements



Applicants must meet the minimum requirements established by the Faculty of Graduate and Postdoctoral Studies. Applicants require completion of EPSE 312 (Introduction to the Study of Exceptional Children) or EPSE 317 (Development and Exceptionality in the Regular Classroom) or equivalent, EPSE 482 (Introduction to Statistics for Research in Education) and EPSE 481 (Introduction to Research in Education) or equivalents, and have attained teacher certification. Applicants with equivalent academic preparation will be considered. The requirement of teacher certification may be waived where the applicant has met the University and ECPS Program requirements for admission and has adequate professional experience related to the field of Special Education.

Program Requirements

Students completing a Master of Arts degree in Special Education can choose courses in the following concentrations:

- Supporting Inclusive Education
- Autism/Developmental Disabilities
- Behaviour Disorders
- Blindness and Visual Impairment
- Education of the Deaf and Hard of Hearing
- High Ability
- Learning Disabilities
- Orientation and Mobility

M.A. concentrations require the completion of a minimum of 30 credits, including coursework (24 credits) and thesis (6 credits). The Blindness and Visual Impairment Concentration requires 45 credits (39 credits coursework, 6-credit thesis), and the Education for Deaf and Hard of Hearing Concentration, 56 credits (50 credits coursework, 6-credit thesis). The Orientation and Mobility Concentration requires 39 credits (33 credits coursework, 6-credit thesis).

For B.C. teachers: Teacher Qualification Service requires a capstone experience (e.g., thesis).

Master of Education

Admission Requirements

Admission is granted to those applicants who have completed EPSE 312 (Introduction to the Study of Exceptional Children) or EPSE 317 (Development and Exceptionality in the Regular Classroom) or equivalent, EPSE 483 (Reading and Interpreting Research in Education) or equivalent, and who have attained teacher certification. The requirement of teacher certification may be waived where the applicant has met the University and ECPS program requirements for admission and has adequate professional experience related to the field of Special Education.

Program Requirements

Students completing a Master of Education degree in Special Education can choose courses in the following concentrations:

- Supporting Inclusive Education
- Autism/Developmental Disabilities
- Behaviour Disorders
- Blindness and Visual Impairment
- Education of the Deaf and Hard of Hearing
- High Ability
- Learning Disabilities
- Orientation and Mobility

Concentrations require the completion of a minimum of 30 credits. The Blindness and Visual Impairment Concentration requires 39 credits and the Education for Deaf and Hard of Hearing Concentration requires 47 credits. The Orientation and Mobility Concentration requires 33 credits. Credits include the graduating seminar at the end of the student's program in which a professional portfolio is completed.

For B.C. teachers: Teacher Qualification Service requires a capstone experience (e.g., EPSE 590 Graduating Seminar).

Contact Information

Department of Educational and Counselling Psychology, and Special Education
2125 Main Mall
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.5351
Fax: 604.822.3302
Email: lee.smith@ubc.ca
Web: www.ecps.educ.ubc.ca (<http://www.ecps.educ.ubc.ca>)
Lee Smith, Graduate Programs Support



Degree Programs > Statistics

Degrees Offered: Ph.D., M.Sc.

Members

Professors Emeriti

R. Brant, A.J. Petkau.

Professors

J. Chen, P. A. Gustafson, N. E. Heckman, H. S. W. Joe, M. Salibián Barrera, W. J. Welch, L. Wu, R. H. Zamar.

Associate Professors

A. Bouchard-Côté, G. Cohen Freue, D. McDonald, N. Nolde.

Assistant Professors

M. Auger-Méthé, B. Bloem-Reddy, T. Campbell, K. Korthauer.

Program Overview

The program leading to the Master of Science is designed to prepare students for employment in government and industry or to serve as preparation for students planning to undertake a program leading to the Doctor of Philosophy. The studies leading to the Ph.D. are designed to equip students to carry out research, with a view toward a career in academia, industry, or government. Research interests of the faculty include biostatistics, environmetrics, mathematical modelling of biological systems, computational statistics, data mining, machine learning, theory of statistical inference, asymptotics, multivariate analysis, robustness, nonparametrics, design of experiments, smoothing, Bayesian methods, computational molecular biology, gene expression, and microarrays.

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess a master's degree in Statistics or a related area, with clear evidence of research ability or potential. Transfer from the M.Sc. to the Ph.D. program may be permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

Appropriate coursework may be selected in consultation with the student's supervisory committee. All doctoral students are required to successfully complete a comprehensive examination. The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements.

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program normally possess a bachelor's degree in Statistics or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

There are three options for the Master of Science:

1. **Thesis Option** This option requires 24 credits of coursework (6 credits at the 300-level or above and 18 credits at the 500-level or above) and a 6-credit thesis.
2. **Project Option** This option requires 27 credits of coursework (6 credits at the 300-level or above and 18 credits at the 500-level or above) and a 3-credit project.
3. **Co-operative Education Option** A Co-operative Education Option is available for graduate students in Statistics. The Program is intended to help prepare interested and qualified students for careers in statistics and involves 8 months of work placement supervised by practising professionals. Faculty advisors also visit students at their place of work and provide advice on technical reports required of all students in the Program.



The co-op option requires 36 credits. Students complete 30 credits of coursework (6 credits at the 300-level or above and 24 credits at the 500-level or above). Students in this option register for STAT 598 and 599 during their co-operative work placement.

Citizenship status is **not** a requirement for the co-op option.

A detailed description of placements and academic requirements are available from the Program (<http://www.stat.ubc.ca/Graduate/Details/mscprog.php#co-op>).

Contact Information:

Department of Statistics
3182 Earth Sciences Building, 2207 Main Mall

Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.0570
Fax: 604.822.6960
Email: gradinfo@stat.ubc.ca
Web: www.stat.ubc.ca (<http://www.stat.ubc.ca>)
Andrea Sollberger, Student Services Coordinator

Last updated: June 7, 2021

Degree Programs > Surgery

Degree Offered: M.Sc.

Members

Professors Emeriti

D. Cochrane, R. J. Finley, R. Simons.

Professors

S. W. Chung, C. Honey, Y. Hsiang, T. J. Kieffer, M. Levings, P. T. Phang, T. Pickles, A. K. Qayumi, E. Skarsgard, S. Wiseman.

Associate Professors

R. Cheifetz, N. L. Davis, G. Fradet, M. Meloche, A. Mui, C. Ong, G. J. Redekop, C. H. Scudamore, R. Sidhu, D. Taylor, E. Webber, J. Yee.

Program Overview

The Department of Surgery offers opportunities and facilities for full-time study leading to the Master of Science in Surgery.

Master of Science

Admission Requirements

The Master of Science in Surgery is not accepting applications for admission until further notice.

Applicants must satisfy the admission requirements of the Faculty of Graduate and Postdoctoral Studies as well as those required by the Surgery Graduate and Postdoctoral Studies Committee. Prerequisites for application are an M.D., M.B., D.M.D., D.V.M., or equivalent.

Program Requirements

A student's program will be determined by the program director in consultation with the student's supervisor. A supervisory committee will be chosen to represent the area of specialization elected by the candidate. The M.Sc. program consists of an 18-credit thesis (SURG 549), plus 12 credits of coursework, for a total of 30 credits. 12 credits of coursework must be at the 500-level, of which 8 credits should be from Department of Surgery courses numbered 502 to 548. The student, with the advice of the committee, may select other approved courses in related fields. Further information may be obtained from the M.Sc. program director in the Department of Surgery.

Contact Information

M.Sc. in Surgery Program



Department of Surgery
3rd floor, 910 West 10th Ave.
Vancouver, BC, Canada V5Z 4E3
Email: ubc.surgery.msc@ubc.ca
For more information, please see the Department of Surgery website (<http://surgery.med.ubc.ca/education/graduate-programs/>).

Last updated: June 7, 2021

Degree Programs > Teaching English as a Second Language

Degrees Offered: Ph.D., M.A., M.Ed.

Members

Professors

P. Duff, R. Kubota, G. Li, B. Norton, L. Shi.

Associate Professors

M. Early, S. Talmy.

Assistant Professors

M. Corella, S. Zappa-Hollman.

Program Overview

Teaching English as a Second Language (TESL) examines the social, linguistic, educational, cognitive, cultural and political processes affecting the teaching, learning, assessment, and use of English as an additional language locally and globally. The program faculty have expertise in TESL methods, applied linguistics, second language acquisition and socialization, content-based language education, pedagogical and functional grammar, second language writing, issues of language and identity, language in education, multilingual literacies, language policy, and English in immigrant and international communities. The program also jointly sponsors the UBC/Ritsumeikan Joint Academic Exchange Program.

Doctor of Philosophy

Students who would like to undertake a Ph.D. in Teaching English as a Second Language can do so through the program in [Language and Literacy Education](#).

Master of Arts

Admission Requirements

In addition to the Faculty of Graduate and Postdoctoral Studies requirements, the program normally requires:

1. 18 credits of upper-level coursework or a professional concentration in the area of interest, and
2. two years of teaching experience or other relevant professional experience.

Program Requirements

The program consists of 30 credits, including 9-credit thesis (LLED 599). At least 15 credits of coursework must be at the 500-level or higher. A maximum of 6 credits may be taken at the 300- or 400-level.

Full-time and part-time study options are offered.

Master of Education

Admission Requirements

Same as for the M.A.

Program Requirements

The M.Ed. program consists of a minimum of 30 credits, of which 24 must be courses numbered at the 500-level. A maximum of 6 credits may be taken at



the 300- or 400- level. Students select either a program consisting entirely of courses (for example, ten 3-credit courses) or 27 credits of coursework plus a graduating project (3 credits).

Full-time and part-time study options are available.

Contact Information

Department of Language and Literacy Education
2013-6445 University Boulevard
Vancouver, BC, Canada V6T 1Z2
Graduate Programs Assistant
Tel: 604.822.8259
Fax: 604.822.3154
Email: lled.gradassistant@ubc.ca
Web: www.lled.educ.ubc.ca (<http://www.lled.educ.ubc.ca>)

Last updated: June 7, 2021

Degree Programs > Theatre

Degrees Offered: Ph.D., M.A., M.F.A.

Members

Professors

R. Gardiner, S. Heatley, K. Johnston, E. Mathjis, T. Scholte.

Associate Professors

J. Firkins, S. Liu, G. Murphy, B. Powers.

Assistant Professors

H. Marshall, P. Pennefather, P. Rizzotti.

Program Overview

The Theatre Program offers opportunities for advanced studies leading to the Doctor of Philosophy (Ph.D.) and the Master of Arts (M.A.) in dramatic literature, theatre history, and criticism. The program also offers advanced studies leading to the Master of Fine Arts (M.F.A.) in the direction of plays and in the design of scenery, costume, and lighting. In cooperation with the School of Creative Writing, Theatre offers an M.F.A. in playwriting (see [Creative Writing/Theatre](#)).

The program has diverse offerings in both practical theatre and the academic study of dramatic literature, history, and criticism. Regular productions, directed and designed by faculty, graduate students, and guest artists, are presented in the Frederic Wood Theatre, the Telus Studio Theatre, and the Dorothy Somerset Studio Theatre. There is opportunity for participation in all aspects of production.

The program is supported by extensive library resources that currently include approximately 30,000 works of dramatic literature and books on theatre, and more than 70 periodicals. There are almost 500 recordings of drama in the Wilson Library.

Further information about graduate programs may be obtained from Theatre and Film (<http://www.theatre.ubc.ca>).

See also graduate programs in [Creative Writing](#) and [Cinema and Media Studies](#) (<http://theatrefilm.ubc.ca/graduate-studies/theatre-studies/>).

Doctor of Philosophy

Admission Requirements

The Ph.D. program in Theatre Studies is administered by the Graduate Committee in Theatre Studies. The Program can accommodate very few students, and admission is competitive.

Applicants should be able to match their research interests to those of the Graduate Committee: Canadian Studies, Dramaturgy, Post-Colonial Theatre, Asian Theatre, and some aspects of Nineteenth Century European and Modern British, American, and Canadian Theatre.



For detailed information about specific application and program requirements, please visit Ph.D. Theatre (<http://theatrefilm.ubc.ca/graduate-studies/theatre-studies/>).

Transfer from the M.A. to the Ph.D. program is permitted under regulations of the Faculty of Graduate and Postdoctoral Studies and the Program's Graduate Committee.

Program Requirements

A dissertation, plus 18 credits of coursework at the 500-level in Theatre, English, or any other department that offers seminars on drama, theatre, performance topics, or other topics related to the student's area of specialization in theatre. Coursework must include at least 3 credits of THTR 547. All students must participate in a series of non-credit workshops on research, methods, and professionalism.

All students in the Ph.D. program are expected to apply for SSHRC and/or UBC-affiliated awards to support their studies.

Master of Arts

Admission Requirements

The M.A. in Theatre is administered by the Graduate Committee in Theatre Studies. The Program can accommodate very few students, and admission is competitive.

Applicants should be able to match their research interests to those of the Graduate Committee: Canadian Studies, Dramaturgy, Post-Colonial Theatre, Asian Theatre, and some aspects of Nineteenth Century European and Modern British, American, and Canadian Theatre.

Applicants must meet the minimum admission requirements set by the Faculty of Graduate and Postdoctoral Studies. For detailed information about specific application procedures, please visit M.A. Theatre (<http://theatrefilm.ubc.ca/graduate-studies/theatre-studies/>).

Program Requirements

A minimum of 30 credits, including a 12-credit thesis, and 18 credits of graduate seminars related to drama, theatre, and performance topics. A maximum of 6 credits may be taken at the 300- or 400-level.

For detailed information about specific program requirements please visit M.A. Theatre (<http://theatrefilm.ubc.ca/graduate-studies/theatre-studies/>).

All students in the M.A. program are expected to apply for SSHRC and/or UBC-affiliated awards to support their studies.

Master of Fine Arts

The **M.F.A. in Design for Theatre** is an intensive graduate program intended to prepare students for design in the professional theatre in Canada. The Program can accommodate very few students, and admission is competitive.

Instruction in the M.F.A. Design for Theatre program centres around a core of studio classes emphasizing development of the designers' graphic, conceptual, and research skills. In addition, Design for Theatre students may assist faculty and other practising designers on projects outside the University, design theatre productions at UBC and elsewhere, and work in film. The program generally takes two or three years to complete, and culminates in a design thesis/theses.

The **M.F.A. Directing** program is a professionally-oriented intensive graduate program, intended for those who wish to extend and enhance their directing practice. The Directing program can accommodate very few students, and admission is competitive.

Admission Requirements

For information about applying to the **M.F.A. in Design for Theatre**, please see M.F.A. Design (<http://theatrefilm.ubc.ca/graduate-studies/theatre-practice/mfa-design-production/>).

For information about applying to the **M.F.A. in Directing**, please see M.F.A. Directing (<http://theatrefilm.ubc.ca/graduate-studies/theatre-practice/mfa-directing/how-to-apply/>).

Program Requirements

Students in the **M.F.A. Design for Theatre** program must complete a minimum of 30 credits of coursework, including 24 credits of coursework at the 500-level or higher. These credits include a 6- or 12-credit thesis, plus 12 credits from THTR 505, 506, 507, 508, 407, 550, 551, 547, 555, 556.

Students in the **M.F.A. Directing** program spend a year investigating a variety of preparation and rehearsal techniques and the demands of various theatrical performance styles. In their second year they direct two full-length productions, one of which is their thesis production.



Contact Information

Theatre Program
6354 Crescent Road
Vancouver, BC, Canada V6T 1Z2
Tel: 604.822.3880 Ext. 0
Fax: 604.822.5985
Email: thtr.sec@ubc.ca
Web: theatrefilm.ubc.ca (<http://theatrefilm.ubc.ca>)

Last updated: June 7, 2021

Degree Programs > Urban Design

Degree Offered: M.U.D.

Members

Professors

P. Condon, R. Kellett.

Assistant Professors

K. Lokman, S. Stevens.

Faculty in the Master of Urban Design program include faculty from Architecture and Landscape Architecture.

Program Overview

The Master of Urban Design (M.U.D.) program curriculum synthesizes urban design theory and practice. It provides a foundation in the seminal works of urban design theory and offers a myriad of opportunities to test and critique theory through community-based projects and design studios. Students have the necessary space to think freely and openly about urban design problems and become equipped with the skills essential for producing innovative and creative solutions. In parallel, students are exposed to the realities of urban policymaking and property development, forcing them to address the challenges that impact the urban design process. This dynamic, yet structured, curriculum capitalizes on the Vancouver region's international reputation as a leader in sustainable urban design policymaking and implementation, offering a constructive forum for critical analysis, review, and reflection.

Note: The M.U.D. program commences on May 1 of each year and runs until April 30.

Admission Requirements

All applicants must meet the admission requirements of the [Faculty of Graduate and Postgraduate Studies](#).

To be eligible for admission to the M.U.D. Program, students must hold a professional degree in architecture, landscape architecture, or planning.

The minimum admission requirement for students with graduate-level degrees is an overall average of 75% (UBC equivalency).

Applicants who do not meet the admissions minimum, but who have sufficient formal training and relevant professional experience to offset the academic deficiency, will be evaluated on a case-by-case basis.

Candidates are evaluated on the following components of the application: academic transcripts, statement of research interest, biographical statement, portfolio of professional or academic work, letters of reference, and an acceptable English test score where required. The portfolio must demonstrate the applicant's creative aptitude and ability to solve problems through design.

Transfer Credit

Courses taken as an Access Studies or non-degree student may be approved for transfer towards the M.U.D. program with the permission of the program Chair and the Faculty of Graduate and Postgraduate Studies.

Consistent with standard transfer credit regulations, students in the M.U.D. program are limited to transferring a maximum of 9 credits towards the M.U.D. program elective requirements. In order to be eligible for transfer, the course(s):



- must be completed with a minimum B standing (74% UBC equivalency)
- must not have been counted toward the completion of another degree or program
- must have been completed no more than five years prior to the time the student commences the program
- must not be used as a basis for admission to the graduate program

Program Requirements

The M.U.D. Program requires completion of at least 45 credits: a minimum of 36 core course credits in the program area at the 500-level and 9 elective credits, a minimum of 3 of which must be in history/theory.

A maximum of 6 credits of 500-level directed studies courses may be counted toward the program requirements.

Contact Information

School of Architecture and Landscape Architecture
379-2357 Main Mall
Vancouver, BC, V6T 1Z4
Tel: 604.827.7252
Email: mud@sala.ubc.ca
Web: www.sala.ubc.ca (<http://www.sala.ubc.ca>)

Last updated: June 7, 2021

Degree Programs > Visual Art

Degree Offered: M.F.A.

Members

Professors

X. Gu, A. Shelton, C. Soussloff, S. Watson.

Associate Professors

D. Claxton, G. James, J. Mansoor, J. Monteyne, M. Pina, M. Roy, T. Smith.

Assistant Professors

I. Adriasola, J. Frei Njootli, G. Makris, J. Orell, S. Salgirli, E. Silver, A. Thauberger.

Program Overview

The Department of Art History, Visual Art, and Theory (<http://www.ahva.ubc.ca>) (AHVA) offers advanced studies in visual art, leading to the Master of Fine Arts (M.F.A.).

For information on the Master of Arts in Art History, Critical Curatorial Studies, please see [Art History](#) or AHVA (<http://www.ahva.ubc.ca>).

Master of Fine Arts, Visual Art

The program provides a period of intensive conceptual and technical development for those students wishing to pursue a professional career in advanced contemporary art. The M.F.A. degree is also the standard qualifying degree for teaching visual arts at the post-secondary level. The M.F.A. program is dedicated to helping students understand both the making and theorizing of the art object against the background of the diverse intellectual environment of a major university.

Students in the program may work in any area of contemporary art production including painting, drawing, printmaking, performance, three-dimensional and installation work, photography, digital, multimedia, or in any interdisciplinary form. The program does not include training in applied art, commercial art and design, film, or television.

Admission Requirements

Applications will be considered from persons who hold a bachelor's degree and satisfy the requirements for admission to Graduate Studies. Applicants normally hold a B.F.A., B.A., or B.Ed. degree with a major in Visual Art. It is strongly advised that, at a minimum, an applicant have 18 academic credits (i.e.,



non-visual art courses) at the 300-level or above, with at least a 76% standing in each. This is to ensure that, if admitted, the student will benefit from the academic components of the program.

Important consideration governing the admission process is the assessment of the portfolio submitted as evidence of artistic standing. Assessment is also based on the Statement of Intent, letters of reference, academic record, and published writing, or other evidence of achievement.

Program Requirements

The M.F.A. program requires two academic years of coursework and completion within 26 months minimum and 5 years (60 months) maximum after initial registration. The degree requires 36 credits of coursework including:

1. VISA 581 (12 credits) and VISA 582 (12 credits). These courses constitute an integrated, 26-month Visual Art program worked out in consultation with the student, leading to the final major paper and exhibition.
2. VISA 583A (3 credits) and VISA 583B (3 credits). These courses will focus on writing and research towards the final major paper.
3. An additional 6 credits of coursework at the 500-level. Up to 3 credits may be taken at the 400-level upon approval of the Graduate Advisor.

The M.F.A. degree is awarded after the successful completion of all coursework, the round-table presentation, a final exhibition of art work, and completion of a major paper. The final exhibition of work must demonstrate to the satisfaction of the faculty the candidate's capacity for independent creative work. The major paper should focus on a topic related to the student's own interests and artistic practice placing the creative work in the context of both the intellectual interests of the candidate and a wider field of study. At least one external examiner will be involved in the examination of the final presentation and exhibition.

Contact Information

Department of Art History, Visual Art, and Theory
Graduate Program Coordinator, Bryn Dharmaratne
403-6333 Memorial Road
Vancouver, BC, Canada V6T 1Z2
Tel: 604.822.4340
Fax: 604.822.9003
Email: ahva.grad@ubc.ca
Web: www.ahva.ubc.ca (<http://www.ahva.ubc.ca>)

Last updated: June 7, 2021

Degree Programs > Vocational Rehabilitation Counselling

Degree Offered: M.A.

Members

Professor

I. Schultz.

Program Overview

UBC has developed a state-of-the-art professionally-oriented program in Vocational Rehabilitation Counselling which follows the scientist-practitioner training model and prepares students for independent practice in a wide spectrum of vocational rehabilitation service areas such as vocational assessment, vocational individual and group intervention, adjustment and rehabilitative counselling, job development and placement, return-to-work planning, case and disability management, and research and program evaluation. Supervised clinical experience in a Vocational Rehabilitation setting as well as coursework on psychosocial and medical aspects of disability are included in the curriculum. The program is responsive to the needs of Canadian vocational rehabilitation professionals and provides a uniquely Canadian perspective on vocational rehabilitation counselling and the environment where it is delivered.

The curriculum has been developed in accordance with future program accreditation requirements, and prepares graduates for licensing by respective licensing bodies for vocational rehabilitation professionals.

The program normally admits students every three years. Please check with the program to see if applications are being accepted for the upcoming academic year.

Master of Arts

Admission Requirements

The applicant must have an undergraduate degree, preferably with a concentration in related areas such as psychology, occupational therapy, social work, special education human resources management, or nursing and meeting the minimum requirements set by the Faculty of Graduate and Postdoctoral



Studies. The applicant will normally be required to have work experience, either paid or volunteer. Letters of reference attesting to the applicant's personal suitability for the field will be required.

Program Requirements

The program is broad and covers topics of relevance to the professional vocational rehabilitation counsellor such as vocational assessment of persons with disabilities, job placement, disability case management, counselling theory, and medical aspects of disability.

It is a 48 credits program including 15 credits of courses in Rehabilitation & Vocational Counselling, 9 to 12 credits of courses in Assessment (depending on the student's background), 18 credits of courses in Counselling and 6 credits of courses in Research Methodology. A supervised clinical experience in the vocational rehabilitation setting as well as coursework on psychosocial and medical aspects of disability are included in the curriculum.

The program is offered on a part time basis, to accommodate students currently working in the field, with classes arranged for late afternoon (4:30-7:00 pm) and additional spring and summer offerings.

Contact Information

Department of Educational and Counselling Psychology, and Special Education
2125 Main Mall
Vancouver, BC, Canada V6Z 1T4
Tel: 604.822.6371
Fax: 604.822.3302
Email: karen.yan@ubc.ca
Web: www.ecps.educ.ubc.ca (<http://www.ecps.educ.ubc.ca>)
Karen Yan, Graduate Program Assistant

Last updated: June 7, 2021

Degree Programs > Women+ and Children's Health Sciences

These programs are pending final approval by the Ministry of Advanced Education and Skills Training.

Degrees Offered: Ph.D., M.Sc.

Members

Professors

M. Bedaiwy, L. Brotto, B. Carleton, G. Cundiff, S. Dell, A. Eddy, R. Goldman, R. Grunau, D. Huntsman, K.S. Joseph, T. Kissoon, P. C. K. Leung, D. Matsell, J. McAlpine, D. Money, T. Oberlander, I. Pike, S. Sanatani, K. Schultz, S. Stockler, G. Stuart, S. Turvey, B. Vallance.

Associate Professors

A. Beristain, J. Bettinger, T. Blydt-Hansen, M. Brussoni, A. Devlin, Q. Doan, R. Elango, R. Geoffrion, K. Harris, J. Hutcheon, J. Kwon, J. Lim, S. Lisonkova, C. Maxwell, G. Meckler, A. Rauscher, G. Reid, M. Sadarangani, L. Sly, P. Yong.

Assistant Professors

M. Anglesio, K. Brown, G. Hanley, S. Mitchell-Foster, A. Talhouk.

Program Overview

The goal of the graduate program in Women+ and Children's Health Sciences is to provide students with a broad knowledge of research in women+ and children's health sciences including biomedical, clinical, health services, and populations. Students will develop critical thinking skills to independently design, execute, and evaluate research experiments directly related to women+ and children's health sciences. Core concepts will include biomedical, patient- and public-oriented translational research with consideration of social determinants of health and cultural competence, including sex and gender and indigenous health, and research methodologies. In addition, students will develop in depth expertise in at least one of the following areas of research that represent existing areas of faculty expertise within our departments:

- Acute or chronic diseases
- Brain development and function
- Implementation science
- Developmental origins of health and disease
- Placental, embryonic, foetal, perinatal, infant, child and/or youth: Development, physiology, and/or pathophysiology
- Reproductive biology
- Reproductive or childhood cancers



- Epidemiology specific to women+ or children
- Mental health specific to women+ or children
- Health services specific to women+ or children

Doctor of Philosophy

Admission Requirements

Successful applicants must meet UBC's graduate-level admission requirements (<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,204,340,181>), including the English Language Proficiency Requirements (<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12%2C204%2C345%2C0>).

Part-time Doctoral Classification is also available. Students who wish to be classified as part-time must obtain approval from their proposed supervisor and graduate program advisor as part of the admission process.

Program Requirements

- Candidates are required to successfully defend a PhD dissertation WACH 649 (0).
- A total of 12 credits are required to graduate from this program.
- Mandatory courses are WACH 501 (3) and WACH 502 (3).
- Elective courses include WACH 511 (3), WACH 521 (3), WACH 522 (3), WACH 531 (3), WACH 532 (3), WACH 533 (3), WACH 534 (3), and WACH 548 (1.5-6), or others selected in consultation with the student's supervisor/supervisory committee and program director.
- WACH MSc graduates, who subsequently enroll in the PhD program, are required to register in WACH 502 only.
- Students entering the program with an MSc must take WACH 501 and WACH 502 but can apply to the program to have other course requirements waived.
- Students are required to complete coursework and pass a comprehensive examination to advance to candidacy within 36 months of registering in the program.
- Prior to graduation and in consultation with their research supervisors, students can choose one of the following research streams: Women+ Health, Child health, or Reproductive and Developmental Sciences (RDS). This stream will appear on the student's transcript, but not on their parchment.
- Students are encouraged to participate in optional career development activities including developing an individual development plan (IDP), completing a competency passport (ComPass), and participating in a mentorship program.

Students' academic program must be approved by the supervisory committee and the program director.

The expected time to completion is 5 years.

Master of Science

Admission Requirements

Successful applicants must meet UBC's graduate-level admission requirements (<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,204,340,181>), including the English Language Proficiency Requirements (<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12%2C204%2C345%2C0>).

Program Requirements

- Students are required to successfully defend an MSc thesis WACH 549 (18).
- A total of 30 credits are required to graduate from this program.
- Students are required to take 12 credits of coursework.
- Mandatory courses are WACH 501 (3) and WACH 502 (3).
- Elective courses include WACH 511 (3), WACH 521 (3), WACH 522 (3), WACH 531 (3), WACH 532 (3), WACH 533 (3), WACH 534 (3), and WACH 548 (1.5-6), or others selected in consultation with the student's supervisor/supervisory committee and program director.
- Prior to graduation and in consultation with their research supervisors, students can choose one of the following research streams: Women+ Health, Child health, or Reproductive and Developmental Sciences (RDS). This stream will appear on the student's transcript, but not on their parchment.
- Students are encouraged to participate in optional career development activities including developing an individual development plan (IDP), completing a competency passport (ComPass), and participating in a mentorship program.

Students' academic program must be approved by the supervisory committee and the program director.

The expected time to completion is 2 years.

Contact Information

Department of Pediatrics
Faculty of Medicine



Rm 2D19, 4480 Oak Street
BC Children's Hospital
Vancouver, BC Canada V6H 3V4
Telephone: 604-875-3177
Fax Number: 604-875-2890
Website: here (<http://pediatrics.med.ubc.ca>)

Department of Obstetrics & Gynaecology
Faculty of Medicine
Suite 930, 1125 Howe Street
Vancouver, BC Canada V6Z 2K8
Website: here (<http://obgyn.ubc.ca>)

Last updated: June 7, 2021

Degree Programs > Zoology

Degrees Offered: Ph.D., M.Sc.

Members

Professors

N. Abraham, D. Altshuler, V. Auld, L. Aviles, C. Brauner, W. Cheung, V. Christensen, M. Doebeli, C. Harley, D. Irwin, C. Kremen, B. Leander, Y. -X. Li, W. Maddison, J. Mank, L. Matsuuchi, S. P. Otto, N. Pante, D. Pauly, A. Pitcher, R. J. Redfield, J. Richards, J. Richardson, A. J. Roskams, D. Schluter, P. Schulte, R. Shadwick, T. P. Snutch, K. Soma, D. Srivastava, E. B. Taylor, W. Tetzlaff, A. Trites, A. Vincent, M. Whitlock.

Associate Professors

A. Angert, M. Gordon, B. Matthews, M. O'Connor, M. Ramer.

Assistant Professors

M. Auger-Méthé, R. Germain, J. Jankowski, D. Leitch, K. Marshall, P. Matthews, K. Mizumoto, L. Wegener Parfrey, M. Pennell, K. Sugioka, M. Tseng.

Program Overview

Zoology encompasses over 50 principal investigators. Research interests of faculty members can be divided into several broad categories with substantial overlap of interest and collaboration among these arbitrary groups. The program vigorously promotes integrative research in biology and actively participates in several interdisciplinary programs, including the graduate programs in genetics, neuroscience, applied mathematics, and resource management.

Zoology offers a wide variety of research programs leading to the Master of Science and Doctor of Philosophy in the following areas: cell and developmental biology, community and population ecology, comparative physiology and biochemistry, neurobiology, and evolutionary biology.

In addition Zoology is actively involved in several interdisciplinary programs of instruction and research including:

- Institute for the Oceans and Fisheries
- Centre for Biodiversity Research
- Centre for Applied Conservation Research (CACR), Faculty of Forestry
- Genetics Program
- ICORD (International Collaboration on Repair Discoveries)
- Institute of Applied Mathematics
- BC Cancer Research Centre
- Life Sciences Institute

Doctor of Philosophy

Admission Requirements

Students admitted to the Ph.D. degree program normally possess an M.Sc. degree in Zoology or a related area, with clear evidence of research ability or potential. Transfer from the M.Sc. to the Ph.D. program is permitted under regulations set by the Faculty of Graduate and Postdoctoral Studies. Exceptional students may be admitted directly to the Ph.D. program from the bachelor's level.

Program Requirements



Original research supervised by a faculty member constitutes the major component of work toward the Ph.D. degree. Most Ph.D. students are not required to complete coursework unless it is recommended by the dissertation committee, or as a condition of admission. All Ph.D. students are required to present and defend a research proposal and pass a comprehensive examination on their research area within 18 months of registering in the Program. The comprehensive exam is an oral examination (administered by all four supervisory committee members) intended to assess the student's breadth of knowledge in the general subject area(s) of the proposed research (i.e., it is not a defense of the written proposal).

The major requirement for the Ph.D. is completion of a research dissertation meeting the Faculty of Graduate and Postdoctoral Studies requirements. The Ph.D. is a four-year program, but many students take longer due to the nature of the research undertaken.

Master of Science

Admission Requirements

Students admitted to the M.Sc. degree program normally possess a bachelor's degree in Biological Sciences or a related area, and must meet the general admission requirements for master's degree programs set by the Faculty of Graduate and Postdoctoral Studies.

Program Requirements

The M.Sc. degree requires a combination of coursework and research for a total of 30 credits. 12 credits of courses are required with the remaining 18 credits being thesis research. Single courses typically range from 3-6 credits each. Students have considerable flexibility in their choice of courses including graduate and up to 3 credits of senior undergraduate courses in zoology, botany, microbiology, genetics, forestry, conservation, and earth and oceans sciences, as well as several other areas. Students may also design their own courses in the form of "Directed Studies" supervised by a faculty member.

Although research conceived independently of the student's supervisor is encouraged, the minimum requirement for the M.Sc. degree is to successfully complete directed research. The M.Sc. is a two-year program, but due to the nature of the research undertaken many students take longer.

Contact Information

Department of Zoology, Graduate Program
6270 University Boulevard
Vancouver, BC, Canada V6T 1Z4
Tel: 604.822.5807
Fax: 604.822.2416
Email: coordinator@zoology.ubc.ca
Web: www.zoology.ubc.ca (<http://www.zoology.ubc.ca>)
Gerard Cowan, Graduate Program Coordinator

Last updated: June 7, 2021

Dual Program Options

Architecture

See [Master of Architecture/Master of Landscape Architecture \(M.Arch./M.L.A.\)](#).

Archival Studies

See [Master of Archival Studies with Master of Library and Information Studies \(M.A.S./M.L.I.S.\)](#).

Asia Pacific Policy Studies

Note: The Master of Arts in Asia Pacific Policy Studies (M.A.A.P.P.S.) program is not accepting applications for admissions until further notice. This also applies to the M.A.A.P.P.S. with Juris Doctor, and the M.A.A.P.P.S. with Master of Arts in Planning.

See [Master of Arts in Asia Pacific Policy Studies](#) for the:

- M.A.A.P.P.S. degree and the Juris Doctor (M.A.A.P.P.S./J.D.)
- M.A.A.P.P.S. degree and the Master of Arts in Planning (M.A.A.P.P.S./M.A.P.)

Dentistry

See the Faculty of Dentistry [Graduate and Post-Graduate Programs](#) for the:

- Ph.D. in Craniofacial Science/Diploma in Endodontics



- M.Sc. in Craniofacial Science/Diploma in Endodontics
- Ph.D. in Craniofacial Science/Diploma in Orthodontics
- M.Sc. in Craniofacial Science/Diploma in Orthodontics
- Ph.D. in Craniofacial Science/Diploma in Pediatric Dentistry
- M.Sc. in Craniofacial Science/Diploma in Pediatric Dentistry
- Ph.D. in Craniofacial Science/Diploma in Periodontics
- M.Sc. in Craniofacial Science/Diploma in Periodontics
- Ph.D. in Craniofacial Science/Diploma in Prosthodontics
- M.Sc. in Craniofacial Science/Diploma in Prosthodontics

Landscape Architecture

See [Master of Architecture/Master of Landscape Architecture \(M.Arch./M.L.A.\)](#).

Law

See [Dual M.B.A./J.D. for Master of Business Administration with *Juris Doctor* \(<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,207,358,0>\)](#).

Library and Information Studies

See [Master of Archival Studies with Master of Library and Information Studies \(M.A.S./M.L.I.S.\)](#).

Medicine

See [M.D./Ph.D. \(Combined Program\) for the Doctor of Medicine with Doctor of Philosophy](#).

See the [M.P.T./Ph.D. program option for the Master of Physical Therapy with Doctor of Philosophy in Rehabilitation Sciences](#).

Nursing

See [Population and Public Health for the Master of Public Health/Master of Science in Nursing](#).

Planning

See [Master of Arts in Asia Pacific Policy Studies for the M.A.A.P.P.S. with Master of Planning \(M.A.A.P.P.S./M.A.P.\)](#).

Population and Public Health

See [Population and Public Health for the Master of Public Health/Master of Science in Nursing](#).

See [Population and Public Health for the Master of Public Health/Diploma in Dental Public Health](#).

Last updated: June 7, 2021

Degree Program Sub-Specializations

Degree Program Sub-Specializations > Human-Computer Interaction (HCI)

Participating Graduate Programs

- Archival Studies
- Computer Science
- Electrical and Computer Engineering
- Library and Information Studies
- Psychology
- Technology Studies Education

Program Overview

The Media and Graphics Interdisciplinary Centre (MAGIC) offers a sub-specialization in the field of Human-Computer Interaction. The program is called the



"MAGIC Applied Graphics and Usability Studies" program, or MAGUS.

MAGUS is an interdisciplinary sub-specialization for students in any UBC graduate program whose master's-level graduate work is in the area of Human-Computer Interaction. Students who meet the requirements for the Sub-specialization will have the following added to their master's degree: "Sub-specialization in Human-Computer Interaction." The Sub-specialization, along with the transcript and the endorsement of the program, will identify master's graduates as having attained special training in the interdisciplinary field of HCI.

All inquiries about whether a student may be enrolled as an HCI Sub-specialization student should be addressed to the Director of the HCI Sub-specialization program.

Admission Requirements

- Students should submit their registration information to the Director of the HCI Sub-specialization as early as possible.
- Applicants must be students in good standing in a master's-level degree program at UBC.
- Students may be admitted at any point in their program, but it is recommended that they have an HCI project or thesis topic identified.
- Acceptance is based upon a student's demonstrated commitment to the field of HCI.
- If accepted, they will then be classified as an HCI Sub-specialization student and placed on the mailing list for announcements of HCI events (such as lectures and special courses).

A student in good standing in his/her graduate program may petition the Director of the HCI Sub-specialization for admission as an official student for the Sub-specialization in HCI.

Under special circumstances a student may be admitted to the Sub-specialization at the time they are first admitted to a graduate program at UBC. Such a student will have an exceptional record and a demonstrated commitment to the interdisciplinary study of HCI. Also under special circumstances a student may petition the HCI Committee for equivalent-credit for courses taken elsewhere or for independent research work.

Program Requirements

It is the student's responsibility to ensure his/her coursework meets the requirements for the master's degree in his/her graduate program. In order to receive the Sub-specialization, students must meet three additional criteria:

1. Successful completion of a sequence of qualifying methods courses:

- one foundations of HCI course (CPSC 544 or equivalent)
- one empirical methods and analysis course (PSYC 546A or equivalent)
- one design and evaluation course (CPSC 543 or EECE 518 or CPSC 554M or equivalent)

Additions and changes to the list of qualifying methods courses will be made by the HCI Committee in consultation with the departments in which the courses are held. Graduate courses may not be offered every year. Students who need to take required courses that are not offered in the current year must contact the HCI director for suitable replacements.

2. A minimum of 3 credits from at least one additional HCI theory and applications course approved by the HCI Committee.

Qualifying courses (<http://www.magic.ubc.ca/pmwiki.php?n=HCI.HCISub-Specialization>) are selected so as to provide an opportunity for cross-disciplinary studies as well as permitting students to satisfy the requirements for the Sub-specialization using courses from within their department. Additions to the list of qualifying courses can be proposed to the HCI Committee by students or members of the faculty.

3. Completion of a major research project with an HCI focus (6 credit minimum).

Depending on the requirements of the candidate's department, this project may take the form of a thesis, studio project, or major project. Project proposals must be approved by the HCI Committee. The student will then choose a MAGIC affiliate faculty as project advisor. The role of the project advisor will be to certify that the finished project meets all requirements for the Sub-specialization.

HCI Sub-specialization students who do not already have a MAGIC affiliate faculty supervisor will be directed toward a MAGIC affiliate faculty advisor who will advise them regarding research requirements for the HCI Sub-specialization. This faculty member may be a co-advisor if the student has a supervisor in his/her department.

For more information on the HCI Sub-specialization, visit the Media and Graphics Interdisciplinary Centre (MAGIC) (<http://www.magic.ubc.ca>); or contact the Director of MAGIC, 3640 Forest Science Centre, 2424 Main Mall, Vancouver, BC, V6T 1Z4, 604.822.8990; or the Faculty of Graduate and Postdoctoral Studies

Last updated: June 7, 2021

Degree Programs Administered by Disciplinary Faculties



Degree Programs Administered by Disciplinary Faculties > Introduction

Select graduate programs are administered directly by their disciplinary faculties and should be contacted directly for information regarding admission, fees, and program requirements. The next sections list the programs to which this applies.

Last updated: June 7, 2021

Degree Programs Administered by Disciplinary Faculties > Applied Science

See Master of Engineering (M.Eng.).

See Master of Engineering Leadership in Advanced Materials Manufacturing (M.E.L in A.M.M.).

See Master of Engineering Leadership in Clean Energy Engineering (M.E.L in C.E.E.N.).

See Master of Engineering Leadership in Dependable Software Systems (M.E.L. in D.S.S.).

See Master of Engineering Leadership in Sustainable Process Engineering (M.E.L. in S.P.E.).

See Master of Engineering Leadership in High Performance Buildings (M.E.L. in H.P.B.).

See Master of Engineering Leadership in Integrated Water Management (M.E.L. in I.W.M.E.).

See Master of Engineering Leadership in Naval Architecture and Marine Engineering (M.E.L in N.A.M.E.).

See Master of Engineering Leadership in Urban Systems (M.E.L. in U.R.S.Y.).

See Master of Health Leadership and Policy in Clinical Education (M.H.L.P. in C.E.).

See Master of Health Leadership and Policy in Seniors Care (M.H.L.P. in S.C.).

Last updated: June 7, 2021

Degree Programs Administered by Disciplinary Faculties > Commerce and Business Administration

See Master of Business Administration (M.B.A.).

See International Master of Business Administration (I.M.B.A.).

See Executive Master of Business Administration (E.M.B.A.).

See Professional Master of Business Administration (P.M.B.A.).

See Master of Business Analytics (M.B.An.).

See Master of Management (M.M.).

See M.B.A./Law (J.D.).

Last updated: June 7, 2021

Degree Programs Administered by Disciplinary Faculties > Pharmaceutical Sciences

See Doctor of Pharmacy (Pharm.D.).

Last updated: June 7, 2021



Degree Programs Administered by Disciplinary Faculties > Science

See [Master of Data Science \(M.D.S.\)](#)

Last updated: June 7, 2021

Graduate Co-operative Education

Doctor of Philosophy

The co-op option is available in the following Doctor of Philosophy graduate programs:

- English

Master of Arts

Students admitted to the Master of Arts program in a department with a co-operative education option may apply for admission to the Arts Co-operative Education Program. The Program helps prepare interested and qualified students for professional careers in government, the non-profit sector, and industry with at least four months of work placement supervised by practising professionals. Faculty advisors also visit students at their place of work, where feasible, and provide advice on work term projects required of all students in the program.

Students who have been admitted into the Master of Arts program in a department with the co-op option must apply to the Arts Co-op Office early in their first term at UBC. Selection of students will be based on academic performance and general suitability to the work environment as determined by résumé and interview. The total enrolment will be subject to the availability of appropriate work placements and faculty advisors. The work placements are arranged by mutual agreement between students and employing organizations. Co-op courses are taken in addition to the courses needed to meet normal academic requirements. These courses do not count for credit toward the degree, but their completion will be noted on a student's academic record.

Contact Information

Arts Co-op Program
Buchanan C369-1866 Main Mall
The University of British Columbia
Vancouver, BC, V6T 1Z1
Fax: 604.822.1529
Web: co-op.arts.ubc.ca (<http://co-op.arts.ubc.ca>)

Master of Science

The co-op option is available in the following Master of Science graduate programs:

- Atmospheric Science
- Statistics

Last updated: June 7, 2021

Data and Statistics

The Faculty of Graduate and Postdoctoral Studies' GEAR site (<http://grad.ubc.ca/about-us/graduate-education-analysis-research>) (Graduate Education Analysis and Research) provides the University community and external agencies with a range of statistical reports, data analyses, and surveys on UBC graduate students and programs.

Last updated: June 7, 2021

Academic Staff

Academic Staff > Office of the Dean and Vice-Provost

Dean & Vice-Provost

S. D. Porter, B.Sc. (New Br.), Ph.D. (Br.Col.), Clinical Professor, Pathology and Laboratory Medicine

Associate Deans

J. Dierkes, B.A. (Calif., Berkeley), M.A., Ph.D. (Prin.), Associate Professor, Keidanren Chair in Japanese Research

A. Murphy, Ph.D. (Col.), Associate Professor, Asian Studies

T. Rogers, B.A. (Wm.Smith), M.A. (Harv.), Ph.D. (Ill., Urbana-Champaign), Professor, Language and Literacy Education

L. Sly, B.Sc., M.Sc. (Manit.), Ph.D. (Alta.), Associate Professor, Pediatrics



Academic Integrity Advisor

L. J. Walker, B.A. (New Br.), Ph.D. (Tor.), Professor, Psychology

Last updated: June 7, 2021

Academic Staff > Members

The following text is based on the UBC Senate policy entitled "Faculty Membership in the Faculty of Graduate and Postdoctoral Studies".

The full and unedited text of this policy is available from the UBC Senate (<http://senate.ubc.ca/vancouver/policies/membership-graduate-studies>).

Faculty Membership in the Faculty of Graduate and Postdoctoral Studies

The Faculty of Graduate and Postdoctoral Studies is dedicated to maintaining a rich academic environment for every student in the Faculty. Among other things, the Faculty oversees the academic quality and integrity of its graduate programs, and ensures that graduate students are provided with training in research and other scholarly activities of the highest standard.

Faculty Membership

The Faculty of Graduate and Postdoctoral Studies consists of the President, Vice-President Academic, Vice-President Research, the Dean and Associate Deans of the Faculty of Graduate and Postdoctoral Studies, deans of other faculties, and appropriately qualified members of the University faculty.

Members

Members of the Faculty of Graduate and Postdoctoral Studies must be tenured or tenure track (including grant tenured or grant tenure track) faculty members holding the rank of assistant professor, associate professor, or professor in the research stream. Members must be approved by their disciplinary faculty (or functional equivalent) for membership in the Faculty of Graduate and Postdoctoral Studies and must meet the criteria established by the graduate programs with which they are affiliated. Members of the Faculty of Graduate and Postdoctoral Studies may supervise graduate students, chair examining committees, and vote at Faculty general meetings.

Members of the Faculty of Graduate and Postdoctoral Studies may continue as members upon retirement, provided they are approved by their disciplinary faculty (or functional equivalent) for membership in the Faculty of Graduate and Postdoctoral Studies and continue to meet the criteria established by their graduate program for membership in the Faculty of Graduate and Postdoctoral Studies. Membership notwithstanding, a retired faculty member may supervise or co-supervise graduate students as provided for by her or his disciplinary faculty.

Persons holding the following ranks are not eligible for membership in the Faculty of Graduate and Postdoctoral Studies: Clinical Professors, Adjunct Professors, Honorary Professors, Visiting Professors, Professors of Teaching, Associate Professors of Teaching, Assistant Professors of Teaching, Senior Instructors, Instructors, Lecturers, Affiliate Professors, Partner Professors, Acting Assistant Professors, UBC Okanagan professors.

Members of the Faculty of Graduate and Postdoctoral Studies are listed under the [degree programs](#) with which they are associated.

Supervision of Graduate Students by Other Faculty

Other appropriately qualified individuals (e.g., clinical professors, adjunct professors, professors of teaching, senior instructors, partner professors, or visiting professors) who are actively engaged in research and experienced with graduate education may be approved, upon the recommendation of the head, director, or dean (or functional equivalent) of the graduate programs with which they are affiliated and the approval of the Dean of the Faculty of Graduate and Postdoctoral Studies, to supervise or co-supervise master's and doctoral students and/or serve on doctoral student supervisory committees provided they meet the relevant criteria. These individuals are not members of the Faculty of Graduate and Postdoctoral Studies.

Approval for individuals who are not members of the Faculty of Graduate and Postdoctoral Studies to serve as members of master's students' supervisory committees is the responsibility of the graduate program concerned.

Members in good standing of the College of Graduate Studies from the UBC Okanagan campus may co-supervise UBC-V master's and doctoral students and/or serve on master's and doctoral student supervisory committees without requiring approval from the Faculty of Graduate and Postdoctoral Studies. Approval for UBC-O faculty in these roles is the responsibility of the graduate program concerned. Note that sole supervision of UBC-V master's and doctoral students by UBC-O faculty does require the approval of the Faculty of Graduate and Postdoctoral Studies, upon the recommendation of the graduate program concerned. According to UBC Okanagan Senate Policy O-4 (http://www.senate.ubc.ca/sites/senate.ubc.ca/files/downloads/ok_O-4_Governance), membership in the College of Graduate Studies includes all tenured or tenure-track (including grant tenured or grant tenure-track) faculty members holding the rank of Assistant Professor, Associate Professor, or Professor approved by their Faculty for membership in the College. These individuals are not members of the Faculty of Graduate and Postdoctoral Studies.

Teaching

Teaching of graduate courses is the responsibility of the disciplinary unit, department, or faculty.



For more information on the membership policy and administrative procedures, or other UBC Senate policies, please visit the UBC Senate (<http://senate.ubc.ca/vancouver>).

Last updated: June 7, 2021