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CHEMISTRY, B.A.

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Common Core

- CHEM 121: Structure and Equilibrium (1 Unit)
- CHEM 123: Inorganic Chemistry: Introduction (1 Unit)
- CHEM 206: Chemical Analysis (1 Unit)
- CHEM 211: Organic Chemistry: Structure, Stability and Mechanism (1 Unit)
- CHEM 212: Organic Chemistry: Mechanism and Synthesis (1 Unit)
- CHEM 301: Chemical Energetics and Kinetics (1 Unit)

Requirements for Major

Additional Required Courses in Chemistry (4 Units)

- CHEM 321: Advanced Synthesis Laboratory (1 Unit)
- CHEM 327: Advanced Physical and Analytical Chemistry Laboratory (1 Unit)
- CHEM 340: Quantum Chemistry (1 Unit)

- CHEM 350: Advanced Organic Chemistry (1/2 Unit)
OR
- CHEM 353: Spectroscopy (1/2 Unit)

- CHEM 356: Advanced Inorganic Chemistry (1/2 Unit)

Required Cognate Courses (4 Units)

One Year of Calculus

- MATH 141: Calculus of a Single Variable I (1 Unit)
- MATH 143: Calculus of a Single Variable II (1 Unit) or equivalent

One Year of Physics

- acceptable
- PHYS 115: General Physics (1 Unit)
 - PHYS 116: General Physics (1 Unit)
- preferably:
- PHYS 167: Analytical Physics I (1 Unit)
 - PHYS 168: Analytical Physics II (1 Unit)

Note

All chemistry courses required for the major must be taken for a numerical grade, except those offered only on a credit/no credit basis. Students who intend to apply for entrance into medical or dental schools should not take basic chemistry courses on a credit/no credit basis, and students majoring in other sciences are strongly discouraged from doing so.

The department expects that chemistry and biochemistry majors will complete the CHEM 206 requirement no later than the end of the junior year because this course is a prerequisite for the Advanced Laboratory series.

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About Albion

An Albion College education. It's hands-on. It's the liberal arts. It's career readiness. It's providing you the knowledge, skills, and experiences you'll need to succeed in college, in your career, and in your life.

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517/629-1000

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Request Admission Information

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| Select State ▼ ZIP | Academic Interest ▼ |
| Mobile Phone | Applying As ▼ |
| <input type="button" value="Reset"/> <input type="button" value="Submit"/> | |

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