

Biology (BIOL)

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| Courses required for the first year: CHEM 131 and 132 |
| Courses recommended for the first year: Biol 130 and 140 are generally taken during the 2 nd year |
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The Major in Biology

Required Courses

| Course Number | Course Name | Learning Perspective/ Suffix | Prerequisites | Usually offered: F, J, SP, SU* | Credits |
|------------------------------|-----------------------------|---------------------------------|---------------------|-----------------------------------|---------|
| BIOL 130 | Molecules to Cells | None | -- | F and SP | 4 |
| BIOL 140 | Organisms to Ecosystems | None | -- | F and SP | 4 |
| BIOL 250 | Genetics | None | BIOL 130 & 140 | F and SP | 4 |
| --- | Biology electives (300/400) | None | See specific course | F, J, SP, SU | 16 |
| BIOL 375, 387, 464, 465, 466 | Senior Inquiry | None | BIOL 130, 140, 250 | F, J, SP, SU | 4 |

Required Supporting Courses

| Course Number | Course Name | Learning Perspective/ Suffix | Prerequisites | Usually offered: F, J, SP, SU* | Credits |
|---------------|----------------------|---------------------------------|---------------|-----------------------------------|---------|
| CHEM 131 | General Chemistry I | PN | -- | F | 4 |
| CHEM 132 | General Chemistry II | PN | CHEM 131 | SP | 4 |

The Minor in Biology

Required Courses

| Course Number | Course Name | Learning Perspective/ Suffix | Prerequisites | Usually offered: F, J, SP, SU* | Credits |
|---------------|-----------------------------|---------------------------------|---------------------|-----------------------------------|---------|
| BIOL 130 | Molecules to Cells | None | -- | F and SP | 4 |
| BIOL 140 | Organisms to Ecosystems | None | -- | F and SP | 4 |
| BIOL 250 | Genetics | None | BIOL 130 & 140 | F and SP | 4 |
| --- | Biology electives (300/400) | None | See specific course | F, J, SP, SU | 8 |

Required Supporting Courses

| Course Number | Course Name | Learning Perspective/ Suffix | Prerequisites | Usually offered: F, J, SP, SU* | Credits |
|---------------|----------------------|---------------------------------|---------------|-----------------------------------|---------|
| CHEM 131 | General Chemistry I | PN | -- | F | 4 |
| CHEM 132 | General Chemistry II | PN | CHEM 131 | SP | 4 |

Major Overview

About half of Augustana biology majors go to graduate school for basic biology, genetics and ecology, or medical, dental, nursing or veterinarian programs. Others go on for graduate studies in optometry, occupational therapy, pharmacy, physical therapy or physician assistant careers.

Graduates may be found at the universities and medical schools of Illinois, Iowa, Wisconsin, Minnesota, California State, Southern Illinois, Western Illinois, Northwestern and many more.

Augustana graduates who go straight into their careers are employed at hospitals, industry and government. Among them are Eli Lilly, Abbott Laboratories, Amoco, the Shedd Aquarium, the FBI and U.S. Fish and Wildlife Service.

Many biology majors participate in Augustana's summer Texas Medical Center Internship Program in Houston, one of the nation's top cancer medical research centers, where students conduct research with mentors who are leaders in areas ranging from cancer to molecular genetics.

*Fall, J term, Spring, Summer; see [Academic Calendar](#) for specific dates

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