

Biology (BIOL)

Courses required for the first year: CHEM-131 and CHEM-132
Courses recommended for the first year: BIOL-130 and BIOL-140
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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 & BIOL-140	F and SP	4
---	Biology electives (300/400); including at least one course with a lab	None	See specific course	F, J, SP, SU	16
BIOL-464, BIOL-465, BIOL-466	Senior Inquiry	None	BIOL-130, BIOL-140, BIOL-250	F, J, SP	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 & BIOL-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 veterinary 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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