

BIOLOGY

Overview

Degrees Offered: AS

Program Begins: Fall, Spring, Summer

Delivery Method: Online, On Campus

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Description

The Biology transfer pathway at BSC provides the first two years of core classes toward a baccalaureate degree for students pursuing a career in any of the biological sciences. The program also is an important foundation for related career fields such as medicine and environmental engineering, as well as agriculture and wildlife management. Coursework includes general biology, general and organic chemistry, college physics, biology electives and suggested courses in computer applications and statistics. An optional internship is available.

Preparation

Recommended high school courses include advanced biology, chemistry, physics, algebra, and environmental studies. Students interested in biology should be inquisitive, creative, self-motivated, and have a strong work ethic. Good oral and written skills are essential for writing research papers and proposals and working within a team.

Requirements

Those completing the suggested curriculum requirements receive an Associate in Science degree.

Bismarck State College has many cooperative, articulation, or transfer agreements with postsecondary institutions both inside and outside of the North Dakota University System. Some of these agreements are established to allow students to remain on campus as they complete their bachelor's degree. In all cases, students seeking to transfer after completing a degree at BSC should consult the academic catalog of their destination college and work with their academic advisor to plan for this transition.

Career Opportunities

Biologists usually specialize in one of many subfields such as microbiology or zoology. Many do research and then move into management or administration and join a company, agency or project. Others teach, become consultants, or enter a health professional school.

Possible careers requiring at least a bachelor's degree include Biology Teacher, Biochemist, Agriculture/Food Scientist, Game and Wildlife Manager, Wildlife Biologist, Botanist, Microbiologist, Marine Biologist, Ecologist, Zoologist, Physiologist, Biophysicist, Cytotechnologist, Hydrologist, Mortician, Environmental Scientist, Clinical Laboratory Technologist/Technician, Science Technician.

Additional Information

Students interested in any biological profession are strongly encouraged to become trained in geographic information systems (GIS) technology.

Degree Plans

- Biology Associate in Science