



Biology

Degrees Offered

- Bachelor of Science in Biology
- Bachelor of Science in Adolescence Education: Biology
- Bachelor of Science in Biology/Master of Science in Cytotechnology

Program Overview

- Provides a well-rounded curriculum, preparing students for a wide variety of career opportunities
- Small size allows personalized attention from science faculty and academic advisors
- Internship opportunities with local research, nonprofit, and governmental agencies
- Study abroad encouraged and can be integrated within the major
- Opportunities for specialization to focus on many types of biology, from cells to whole organisms to entire ecosystems
- Hands-on research experience to apply coursework to original experimental work
- Seminar and senior thesis strengthen oral and written skills desired by employers and graduate programs
- Daemen ranked a top 10 Best Value School for biology degree and ranked first for environmental science

Become a Biology Major at Daemen College:

- Strong scientific preparation by highly qualified faculty
- Choose your own degree focus
- Hands-on research requirement with Natural Science faculty, with a wide variety of research interests in areas such as: marine biology, forensic science, environmental toxicology, plant/insect interactions, animal behavior, developmental biology, functional anatomy, ecology, microbiology, and neural physiology
- Conduct research on industry-standard equipment
- Opportunities to publish and present research at local, national, and international conferences
- Various academic clubs including Beta Beta Beta, the biological honors society, Environmental club, Pre-Health club, and Pre-Vet club

Courses

The BS in Biology at Daemen College allows students to tailor their degree to their area of interest. In the first two years, students complete foundational courses in biology (General Biology I & II) and chemistry (General Chemistry I & II; Organic Chemistry I & II). As students specialize, they choose from the wide breadth of upper-division electives. Choices include:

Herpetology	Marine biology
Animal Behavior	Immunology
Plant Biology	Developmental biology
Entomology	Molecular biology
Comparative Anatomy	Biochemistry
Comparative Physiology	Neurobiology
Dinosaur Paleobiology	Biomaterials
Conservation biology	Costa Rica Natural History/Conservation
Ecology	

In addition to their science coursework, BS in Biology will take a variety of courses outside their major to enhance their education. Students can complete minors in sustainability, business, the visual arts, rhetoric, history, and many other programs.

Unique Opportunities

The Department of Natural Sciences is proud to offer several unique opportunities to qualified graduates of our programs including:

- Partnership with Nova Southeastern University to offer preferred entrance to their doctor of osteopathy program
- Partnership with Lincoln Memorial University to offer early entrance to their doctor of veterinary medicine program
- Partnership with Roswell Park Cancer Institute to offer a combined BS/MS in cytotechnology
- Partnerships with University at Buffalo and D'Youville to offer direct admission to their doctor of pharmacy programs

*Admittance to these programs – students must meet all of the program requisites, criteria, and standards.

Recent Graduates

Professional:

Research lab manager at University of Nottingham, science teacher Lakeland school district, Research & Program Manager at Dogwood Alliance, manager at Thermo Fisher Scientific, Occupational Therapist, Fish biologist at Cold Spring Harbor fish hatchery

Graduate:

Developmental biology research at Cornell University, Evolutionary research at Indiana University Bloomington, Cancer cell biology research at Roswell Park Cancer Institute, Doctor of Nursing Practice at D'Youville



For additional information contact Douglas Kalinowski, Chair of the Natural Sciences Department
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