



MERRIMACK COLLEGE

SCHOOL OF SCIENCE & ENGINEERING

BIOLOGY (B.A.)



The **Biology Bachelor of Arts (B.A.) degree** curriculum is designed to offer the flexibility to choose from a wide variety of courses offered in the Department of Biology while also leaving room for a second major or minors. The Biology B.A. degree is designed with fewer cognate course requirements so that students may connect their biology degree to other liberal arts majors. Students are encouraged to adopt a minor or second major in fields such as education, business, communications, political science, psychology, history, sociology, philosophy, computer science, environmental studies and sustainability among many other choices. Each student is individually advised and counseled according to his/her aptitude and career interests.

ENGAGING COURSEWORK

A dynamic curriculum builds strong practical knowledge from introductory classes to specialized coursework. The wide variety of course offerings provide students with the opportunity to sample broadly from a course list as diverse as biology itself:

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| BIO2010 Ecology | BIO2018 Genetics |
| BIO2012 Immunology | BIO3030 Cancer Biology |
| BIO3037 Cellular Biochemistry | BIO3049 Cell Biology |
| BIO3045 Microbiology | BIO3060 Plant Biology |
| BIO3063 Animal Behavior | BIO3064 Marine Biology |
| BIO3038 Molecular Biology and Biotechnology | |

REWARDING CAREER PATHS

Decisions are made every day in political, healthcare, and environmental public policy arenas that require sound foundational knowledge of the biological sciences. STEM education is of critical importance to maintaining a vibrant economy and society. Communicating biological science discoveries, breakthroughs and research to the public has become critical to an informed society. Careers in politics, education and communication are just some of the possibilities with a Biology Bachelor of Arts degree as a co-major with other degrees. Recently, a Merrimack College student graduation speaker accepted a position with a state party committee as a science advisor. Other graduates are science writers and journalists. And many of our graduates are middle school and high school science teachers. The possibilities are wide open for students with a B.A. in Biology!

PROGRAM HIGHLIGHTS

Larry J. Kelts Global Field Studies Program

This program invites students to witness and compare the biological complexity of the natural world by providing them with intensive field learning experiences in applied ecology, conservation biology and human ecology in environmentally significant locations across the globe.

Blue Ocean Society for Marine Conservation

Aboard whale watch vessels in the Jeffreys Ledge region of the Gulf of Maine, students collect behavioral and physical data on the whale, dolphin, and sea bird populations while educating the public on marine mammal ecology and conservation.

Concentration Spotlight: Biology and Secondary Education

Get hands on biology and teacher training from two well respected departments in their fields. The Schools of Science & Engineering and Education & Social Policy offer top-notch classes and experiential learning to shape you into the science educator you want to become.

QUESTIONS?

Contact **Janine M. LeBlanc-Straceski, Associate Professor and Department Chair**, at:

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