



BIOLOGY

Pioneers prepare for anything

Biology majors at Marietta College are easy to spot.

You won't find them tethered to their desks in huge lecture halls — but you will find them in research labs, collaborating on projects with their professors, and gathering water samples from nearby streams.

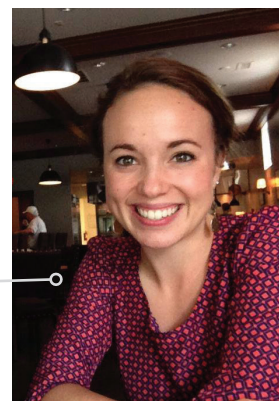
The Biology Program at Marietta offers students the time and the space it takes to explore the many opportunities this major opens up to its graduates. Faculty challenge students to apply their liberal arts education to research, so they can approach challenges, find solutions and then discuss their work with their peers.

Marietta's faculty lead research trips to areas such as Southwestern USA to study paleontology and desert ecology; Thailand to study the impact of the shrimping industry; and Costa Rica and Belize to study ecology and conservation in Central America. Every Biology major conducts research. Every major completes either a tutorship or an internship. Every major presents the results of a capstone research project during All Scholars Day in April. And that work is celebrated.

This rigorous and broad-based approach garners respect among research facilities, graduate programs and science-related industries.

Learn more about Marietta College's Biology Program at www.marietta.edu/program/biology

You are also invited to sit in on a class and meet with a Biology professor during your scheduled campus visit. Your Admission Advisor will make those connections prior to your visit.



Monica Dimick '12
Physician Assistant

Coming from a small community in Alaska, Monica knew she wanted to study at a close-knit, liberal arts college. At Marietta, she took advantage of opportunities that prepared her for the rigors of graduate school. "During my time at Marietta, I wanted to be successful not only for myself but for my professors too. They were excellent educators not only in the sense that they were experts in their field, but they genuinely wanted me to learn and excel, and that was expressed in various ways inside and outside the classroom."

This is the time. This is the place.

BIOLOGY

Curriculum

In addition to a liberal arts core curriculum, Biology majors prepare for careers and graduate school with a selection of in-depth courses taught by skilled faculty:

- Modern Biology
- Introduction to Cellular and Molecular Biology
- Flowering Plants
- Lower Plants
- Environmental Toxicology
- Ecology
- Human Physiology
- Zoology
- Development
- Medical Botany
- Field Biology Techniques
- Evolution
- Toxicology
- Cell Biology
- Immunology
- Genetics
- Animal Behavior
- Molecular Biology Lab
- Microbiology
- Anatomy
- Cadaver Anatomy
- Internship or Tutorship
- Biology Research Methods
- Introductory Biology Lab

Facilities

The Rickey Science Center features laboratories equipped with the latest technology and instrumentation, everything from a modern cell and molecular biology lab and to cell culture facilities and incubators.

The Beiser Field Station, located a short drive from campus, is used for course field trips as well as student and faculty research projects.

Internships

Marietta Memorial Hospital (Marietta, Ohio)

National Aquarium (Baltimore, Maryland)

Smithsonian National Zoo (Washington, D.C.)

Ohio Valley Veterinary Hospital (Marietta, Ohio)

German Leprosy Hospital (India)

Sea World (Orlando, Florida)

Outcomes — Graduate/Professional Schools

Marshall University School of Medicine

Miami University, MS Zoology

Xavier University, Med, Educational Administration

Brown University, MS Environmental Science

San Diego State University, Evolutionary Biology Program

Outcomes — Professions

Physician

Physical Therapist

Attorney

Bioinformatics Specialist

Forester

Teacher

Veterinarian

Dentist