

MONTCLAIR STATE UNIVERSITY

COLLEGE OF SCIENCE AND MATHEMATICS



BS in Biology

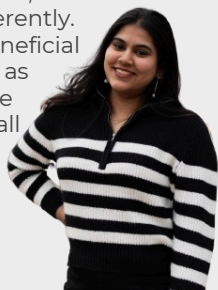
Bachelor of Science in Biology

Biology is the science of life and includes an array of sub-disciplines such as ecology, botany, zoology, physiology, anatomy, genetics, microbiology and molecular biology. Biologists learn how living things work, how they interact with one another, and how they evolve. They study cells under a microscope, insects in the rainforest, viruses that affect human beings, plants in a greenhouse, or animals in their natural habitats.

This STEM-designated degree program establishes an excellent foundation for graduate studies.

The beautiful Montclair State University has an alluring campus and an abundance of resources. I feel at home here at the university. I've never felt different here as an international student, even on day one. Everyone here, faculty, staff, instructors, and students, is incredibly kind and do not regard us differently. Living on campus has also been really beneficial in connecting with other resources, such as the library, dining halls, activities that take place, the gym, swimming pool, basketball courts, and other sports facilities.

Moralika - India
Biology student



Montclair made me feel at home with its welcoming community and vibrant atmosphere. The people here are friendly and there are so many things to do and explore. It's a place where I can truly be myself and feel connected. There's a unique blend of small-town charm and big-city opportunities here at Montclair. The diverse community, the artsy scene, and the delicious food options make it feel like a place where I truly belong. The cozy neighborhoods, beautiful parks, and local shops create a sense of community that I love. I'm so grateful to call Montclair my home!

Eunika - India
Biology student



\$99,060 average salary for biologists in 2023

U.S. Bureau of Labor Statistics 2023

20 kilometers from New York City

120+ student clubs and organizations

#88 top public schools

U.S. News & World Report 2023, Top Public Colleges and Universities

Program Highlights

- STEM-designated (eligible for 3 years of OPT)
- Access to over 50 state-of-the-art facilities and specialized equipment
- A college experience on a small campus with big reach
- Small class sizes taught by faculty that are excellent teachers and researchers
- Opportunities to do research with professors
- Opportunities to explore the expansive field of biology
- Professional advising preparing you from start to finish
- Eco-Explorers summer program
- Biology student organization
- Optional Environmental Science concentration

Career Outcomes

Biologists can go into a wide range of fields. Some of the most common are:

- Human biology
- Ecology
- Environmental biology
- Cell and molecular biology
- Health care
- Forestry
- Biotechnology
- Environmental management and conservation
- Education
- Public policy
- Pharmaceutical development and research

Sample Courses

This **120-credit program** consists of many course options to choose from that will help you gain the skills and knowledge you need to help you succeed in your future career.

- Principles of Biology: Introduction to the Cell
- Principles of Biology: Organisms and Diversity
- Introduction to Ecology
- Cell and Molecular Biology
- Genetics
- Evolutionary Biology
- Genes, Brains, and Behavior
- Microbiology
- Toxicology
- Population Genetics
- Developmental Biology
- Molecular Biology
- Experimental Molecular Biology
- Cell Physiology
- Endocrinology
- Virology
- Microbial Genetics
- Neurobiology
- Medical Genetics
- Biology of Cancer
- Immunology



Admission Requirements

- Application
- Application fee
- English translation of transcripts from all secondary schools attended
- Exam scores (IB, CAPE, IGSCE/A levels, 10th/12th), if applicable
- English proficiency test score
- Personal statement
- Letter of recommendation
- Resume
- Optional:
 - List of extracurricular activities
 - SAT/ACT scores

Transfer Students

- In addition to the above, students must also provide a NACES transcript evaluation

APPLY NOW

