



COURSES

The courses listed below represent the curriculum offered within this discipline. This environmental science program requires supplemental science and mathematics curriculum to qualify for that concentration. Here's a sample of what you can expect to learn and do:

Conservation Biology

The study of the conservation of biodiversity based in the principles of ecology, evolution, and genetics. The primary goal of this course is to understand natural ecological systems in the context of a human dominated world to learn to best maintain biological diversity in concert with an exploding human population. This is accomplished through lecture, Socratic discussion, and videos.

Global Ecology

This course examines the basic concepts of ecology, including the nature of ecosystems, energy flow, biogeochemical cycles, and characteristics of populations and communities of organisms. The role of humans in the ecosphere is emphasized, with particular attention to human population problems, food production, and pollution problems.

Marine Conservation Biology and Ecology

This course examines diversity, physiology, ecology, and conservation of microbes, plants, and animals that live in the marine environment. Emphasis is placed on how marine organisms have adapted to living in their environment and how humans depend upon and affect marine ecosystems.

WE LIVE IN a time of unprecedented environmental change. Global climate change affects nearly every aspect of life on our planet. In addition to activists who spread the word and effect policy change, we need people like you—conservation scientists, wildlife and marine biologists, endangered species biologists, natural resource scientists—to discover these threats, predict what our world will need, and work to respond on local, regional, and global scales. We equip our students with basic knowledge of the physical, chemical, and biological aspects of ecological systems and prepare them with the skills to apply this knowledge to real-world environmental problem-solving.

Possible Careers:

- Wildlife researcher
- Tropical ecologist
- Plant scientist
- Marine biologist

ATTENDING LOYOLA means being in the heart of New Orleans. Our campus is located in the city's historic Uptown neighborhood, just a short drive from the Central Business District, the city's hub of innovation, creativity, and strategic thinking. You'll learn to hone your talents in the city named #1 new brainpower city in America and #1 best city in the U.S. for creative professionals.