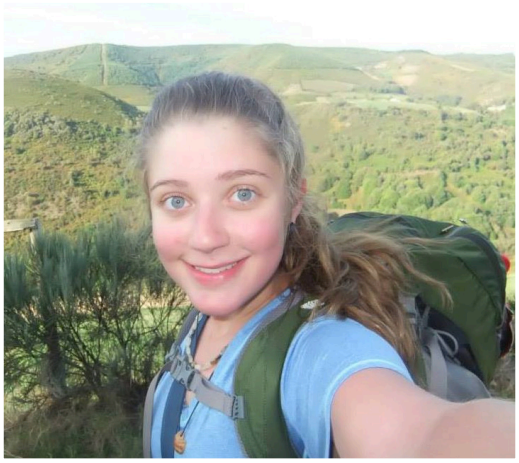
ENVIRONMENTAL SCIENCE/STUDIES

FPU BRINGS A TRADITION OF EXCELLENCE TO THE ENVIRONMENTAL SCIENCE/STUDIES DEGREE



ALUMNI SPOTLIGHT

Meghan Tedder '15
Field Education Program

"When I took an environmental studies course, it was the first time I truly felt engaged in my learning. I've actually used that experience in essays to describe where my passion for environmental studies began. I aspire to be an inspirational and authentic leader just like the faculty members at Franklin Pierce. Now, I work for a program whose mission is to promote the public good through social justice, and I'm finding it's essential for me to apply what I learned at Franklin Pierce to my work."

APPLY TODAY!
franklinpierce.edu/enviroscience

ENVIRONMENTAL SCIENCE/STUDIES

Franklin Pierce University
College of Health and
Natural Sciences

ABOUT THE PROGRAM

When you choose an Environmental Science/Studies major, you'll tackle some of the toughest environmental issues that challenge our world today. With our 1,200-acre living learning laboratory nestled between Mt. Monadnock and Pearly Pond, you'll conduct important fieldwork on campus in the woods, wetlands, fields, lakeshores, trails and gardens. You'll work on conserving and restoring critical habitats and finding sustainable solutions in the local community. With your knowledge of environmental policymaking and advocacy, you'll be prepared to be a key player in the "green economy."

PROGRAM HIGHLIGHTS

With either major, you will learn the core concepts of ecology and conservation, and master critical thinking, field and laboratory techniques, and quantitative skills to frame questions and gather and evaluate evidence. You'll develop effective writing and presentation skills to share your ideas and make a difference in the greater community.

JACKLYN SATKUS '20

ENVIRONMENTAL SCIENCE/STUDIES

CORE REQUIREMENTS

In addition to all degree requirements, the following courses must be completed successfully:

BI218 Ecology (laboratory)
CIT222 Introduction to Geographic Information Systems: ArcView
ES103 Introduction to Ecosystem and Wildlife Conservation
ES104 Introduction to Natural Resource Conservation
ES108 Nature and Culture
ES210 Evolution of Environmental Thought
ES480 Junior Seminar in Environmental Science
ES490 Environmental Issues: Senior Capstone Project
GL205 Environmental Geology (laboratory)
Math MT151 or higher

B.A. IN ENVIRONMENTAL STUDIES

To earn your BA choose at least 3 from the Human Society Electives list, and at least 1 from the Natural Science Electives list. (Minimum of 12 credits).

B.S. IN ENVIRONMENTAL SCIENCE

To earn your BS choose 2 from the Human Society Electives list, 3 from the Natural Sciences Electives list, and take all the Major Requirements required courses listed below.

CHEMISTRY/GEOLOGY

CH101 and 102 General Chemistry I and II (laboratory) **or**
GL101 and 102 General Geology I and II (laboratory)
Additional Math
MT221 Calculus I **or MT222** Calculus II **or MT260** Statistic

UPPER LEVEL SCIENCE (Choose one)

BI430 Forest Ecology (laboratory) **or**
ES320 Wetland Ecology and Protection (laboratory) **or**
ES367 Water Resources (laboratory)

NATURAL SCIENCE ELECTIVES

BI101 Biology (lab)
BI214 Coastal Ecology
BI217 Tropical Forest Ecology
BI218 Ecology (lab)
BI231 Animal Behavior
BI241 Evolutionary Biology
BI250 Introduction to Plant Biology (lab)
BI312 Vertebrate Biology (lab)
BI375 Mammalogy (lab)
BI430 Forest Ecology (lab)
CH221 Environmental Chemistry
CIT230 Intermediate Geographic Information Systems: Arc/Info
ES245 Alternative Energy
ES320 Wetland Ecology and Protection (lab)
ES342 Wildlife Conservation
ES367 Water Resources (lab)
ES460-2 Internship in Environmental Science
GL101 General Geology I (lab)
GL102 General Geology II (lab)
GL115 Global Change: The Oceans
GL120 Global Change: The Atmosphere (lab)
GL205 Environmental Geology (lab)
HCA315 Epidemiology
PH101 General Physics I (lab)
PH102 General Physics II (lab)
PUBH310 Foundations of Environmental Health

HUMAN SOCIETY ELECTIVES

AN220 Global Problems
CIT230 Intermediate Geographic Information Systems: Arc/Info
ES210 Evolution of Environmental Thought
ES236 Environmental Education and Citizen Engagement
ES240 Creating Sustainable Communities
ES245 Alternate Energy
ES301 Place, Community, and Regional Studies
ES305 Health, Human Rights, and Environmental Justice
ES307 Natural Resources Law and Policy
HS240 American Environmental History
HS329 The National Parks
PA306 Philosophy of Science and Nature
SR346 Park and Natural Resource Management

WHO SHOULD MAJOR IN ENVIRONMENTAL SCIENCE/STUDIES?

You'll find this major a good fit if you have or want to develop:

- Broad understanding of local, national and global environmental issues
- Ability to identify community-based approaches to environmental problems
- Ability to understand and explain complex information
- Strong research, writing and presentation skills
- Innovative problem-solving skills

WHERE CAN MY MAJOR LEAD ME?

With your degree, you can pursue jobs or further education for careers as diverse as:

Air/Water Resource Manager
Alternative Energy Specialist
Climate Change Scientist
Conservation Officer
Ecologist
Environmental Educator
Environmental Lawyer
EPA Inspector
Green Business Manager
Hazardous Waste Manager
Outdoor Recreation Specialist
Park Ranger
Sustainable Farmer
Sustainability Coordinator
Wetland Scientist
Wildlife Biologist