

# What Can I Do With This **Ohio State** Major?

Bachelor of Science

## Evolution and Ecology

College of Arts and Sciences

Evolution and Ecology are areas of study into the descent and interrelationships of organisms, including plants, animals, and microorganisms. The study of evolution deals with both the historical path of evolution from pre-biotic earth to the present, and the processes contributing to evolutionary change, such as natural selection, genetic drift, and historical accidents. The study of ecology concerns how organisms function in their dealings with other organisms and with their environment. Ecology is one of the key sciences having to do with the broader field of conservation biology and the maintenance of biodiversity.<sup>1</sup>

### Career Areas/Job Titles:

#### Management and Industry

Environmental Consultant  
Environmental Planner  
Natural Resources Manager

#### Communication and Media

Scientific Journalist  
Editor

#### Health Professions

Medical Doctor

Veterinarian

#### Science and Technology

Ecologist  
Research Assistant  
Field Biologist  
Lab Assistant

#### Education

Professor  
K-12 Teacher

#### Government/Politics

Environmental Lawyer

*\*Some careers may require licensure, certification, or further education. Talk to an advisor about specific requirements.*

### Transferable Skills:

Basic Computer Skills

Biology Focus

Chemistry Focus

Editing

Provide/Respond to Feedback

Speaking Effectively

Written Communication

Cultural Understanding

Social Perceptiveness

Teaching/Instructing Others

Teamwork

Developing Evaluation

Strategies

Gathering Information

Identifying Problems

Research Skills

Attention to Detail

Judgment & Decision Making

Managing Time/Stress

Administrative Skills

Delegating Tasks

Organization Skills

Planning

Prioritizing Tasks

Multi-tasking

Quantitative Reasoning

Data Analysis

Analytical/Critical Thinking

*\*This is not an extensive list of transferable skills. See larger list of skills you might develop here:*

<http://ccss.osu.edu>

### Professional Links:

Ecological Society of America: <http://www.esa.org/>

Society for the Study of Evolution: <http://cms.qogrid.evolutionssociety.org/>

American Association for the Advancement of Science: <http://www.aaas.org/>

Society for Ecological Restoration: <http://www.ser.org/>