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.

Career Areas/Job Titles:

**Management and Industry**
- Environmental Consultant
- Environmental Planner
- Natural Resources Manager

**Communication and Media**
- Scientific Journalist
- Editor

**Health Professions**

**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](http://ccss.osu.edu)*

Professional Links:

- Ecological Society of America: [http://www.esa.org/](http://www.esa.org/)
- American Association for the Advancement of Science: [http://www.aaas.org/](http://www.aaas.org/)

*University Exploration i: [http://eeob.osu.edu/undergrad/ee/bsba-evolution-ecology](http://eeob.osu.edu/undergrad/ee/bsba-evolution-ecology)*