ECOLOGY AND EVOLUTIONARY BIOLOGY (EEB)

Courses primarily for graduate students, open to qualified undergraduates:

EEB 5110: Conceptual Foundations in Ecology and Evolutionary Biology
Credits: 4.
Introduction to key figures and ideas that have shaped the development of ecology and evolutionary biology. Covers major developments in ecology and evolutionary biology at five levels of biological organization: Genome, Organism, Population, Community, and Ecosystem. Impacts of these developments on current approaches to investigation and argument formulation. Effects of technological advances on the direction of scientific investigations. Introduction to analytical skills important for critical thinking in ecology and evolutionary biology and the impact of accepted lines of scientific reasoning on the objectives and conduct of research, such as explanation and prediction, design of studies as experimentation, and structured or unstructured observation. (Typically Offered: Fall)

EEB 5850A: Extended Field Trip: Pre-Trip Lecture
Credits: 1. Contact Hours: Lecture 1. Repeatable.
Extended field trip to study major terrestrial and aquatic ecosystems. Location and duration vary. Report required. (Typically Offered: Fall, Spring, Summer)

EEB 5850B: Extended Field Trip: Travel
Credits: 1. Repeatable.
Extended field trip to study major terrestrial and aquatic ecosystems. Location and duration vary. Report required. (Typically Offered: Fall, Spring, Summer)

EEB 5900: Special Topics
Prereq: Instructor Permission for Course
For students wishing to conduct in-depth study of a particular topic in ecology and evolutionary biology. (Typically Offered: Fall, Spring, Summer)

Courses for graduate students:

EEB 6980: Seminar
Credits: 1. Contact Hours: Lecture 1. Repeatable.
Reports and discussion of recent research and literature. (Typically Offered: Fall, Spring)

EEB 6990: Research
Credits: 1-30. Repeatable.
Prereq: Instructor Permission for Course
Thesis and dissertation research. (Typically Offered: Fall, Spring, Summer)