

MINOR IN ENVIRONMENTAL BIOLOGY

CORE REQUIRED COURSES

Code	Title	Hours
EEES 2150	Biodiversity	4
EEES 2160	Biodiversity Laboratory	1
EEES 3050	General Ecology	3
EEES 4150	Evolution	3

ELECTIVES - AT LEAST 10 CREDITS FROM THE FOLLOWING:

Code	Title	Hours
EEES 3060	General Ecology Laboratory	1
EEES 3810	Science of Gardening	3
EEES 4250	Soil Ecology	3
EEES 4260	Soil Ecology Laboratory	1
EEES 4350	Ecology and Conservation of Reptiles and Amphibians	3
EEES 4355	Ecology and Conservation of Reptiles and Amphibians Lab	1
EEES 4480	GIS Applications in Environmental Science	3
EEES 4730	Aquatic Ecology	3
EEES 4740	Aquatic Ecology Laboratory	1
EEES 4750	Conservation Biology	3
EEES 4755	Conservation Biology Lab	1
EEES 4760	Landscape Ecology	3
EEES 4790	Ecology Field Trip	2-4
EEES 4980	Special Topics: Advanced Undergraduate	1-4

Students completing a the Environmental Biology minor must be sure that at least 12 credit hours of the minor requirements are unique to the minor, and are not being used to satisfy requirements in the major or another minor.

Students will be able to describe the basics of inheritance, including genes, chromosomes and DNA structure.

Students will be able to identify the basic structures of a cell and describe basic cellular functions, including mitosis, meiosis, metabolism, respiration and photosynthesis.

Students will be able to describe and explain examples for how both abiotic and biotic factors define the distribution of organisms.

Students will be able to explain the basic tenets of evolution, including speciation and natural selection.

Students will be able to examine an ecological issue from a statistical perspective and debate results.

Students will be able to describe and discuss examples of the linkages among biology and the other natural sciences.