

# ECOLOGY AND EVOLUTIONARY BIOLOGY MINOR

## Overview

The Ecology and Evolutionary Biology minor provides students with the opportunity to gain knowledge and skills in ecological and evolutionary sciences and organismal biology. Our objective is to prepare Tulane graduates to be environmentally aware citizens with knowledge of global environmental challenges and their connections to cultural, social, and economic factors.

## Requirements

Course ID	Title	Credits
<b>Foundation Course</b>		
EBIO 1010 & EBIO 1015	Diversity of Life and Diversity of Life Lab	4
<b>Electives (Choose Three)</b>		
EBIO 2020	Theory and Methods in Ecology and Evolutionary Biology	9-12
EBIO 2030	History of Life	
EBIO 2040	Conservation Biology	
EBIO 2050	Global Change Biology	
EBIO 2070 & EBIO 2071	Molecular and Evolutionary Genetics and Molecular and Evolutionary Genetics Recitation	
EBIO 2110	Tropical Biology	
EBIO 2130	Intro to Animal Behavior	
EBIO 2210	Insects and Human Interactions	
EBIO 2250	Vertebrate Biology	
EBIO 2360	Wetlands Ecology	
EBIO 2580	Urban Ecology	
EBIO 2600	Natural Resource Conservation	
Other EBIO 2000-level or EBIO Special Topics course		
<b>Upper-Level Electives and Lab Courses <sup>1</sup></b>		
Any two EBIO courses at or above the 3000 level or lab courses; at least one lab course is recommended. Students must meet the required prerequisites to enroll or have instructor approval. One study abroad course in the discipline may be counted, if approved by the department.		
EBIO 2330 & EBIO 2335	Natural History of Louisiana and Natural History of Louisiana Lab	6-8
EBIO 3040	General Ecology	
EBIO 3080	Processes of Evolution	
EBIO 3150 & EBIO 3151	Intro to GIS and Intro to GIS lab	
EBIO 3180	Plants & Human Affairs	
EBIO 3290	Behavioral Ecology	
EBIO 3320 & EBIO 3325	Microbial Diversity & Ecology and Microbial Diversity & Ecology Lab	
EBIO 3500	Sharks and their Relatives	
EBIO 3550 & EBIO 3551	Shark Paleobiology and Shark Paleobiology Lab	
EBIO 3590 & EBIO 3591	Plant Biology and Adaptation and Plant Biology and Adaptation Lab	
EBIO 3780	Community Engaged Conservation & Field Research	
EBIO 3690 & EBIO 3691	Experimental Animal Behavior and Experimental Animal Behavior Lab	
EBIO 4080	Biostatistics and Experimental Design	
EBIO 4110	Tropical Ecology & Agriculture	
EBIO 4270	Population Ecology	

EBIO 4370	Aquatic Autotrophs
EBIO 4460	Biodiversity and Environmental Informatics
EBIO 4030 & EBIO 4031	Field Botany and Field Botany Lab
EBIO 4060 & EBIO 4061	Stream Ecology and Stream Ecology Lab
EBIO 4090 & EBIO 4091	Invertebrate Paleontology and Invertebrate Paleontology Lab
EBIO 4210 & EBIO 4211	Vertebrate Morphology and Vertebrate Morphology lab
EBIO 4230 & EBIO 4231	Molecular Evolution and Ecology and Molecular Evolution and Ecology Lab
EBIO 4280 & EBIO 4281	Ichthyology and Ichthyology Lab
EBIO 4310 & EBIO 4311	Plant Systematics and Plant Systematics Lab
EBIO 4430 & EBIO 4431	Entomology and Entomology Lab
COLQ 4120	The Grand Canyon

Other upper-level elective courses as approved

**Total Credit Hours**

**19-24**