

# BIODIVERSITY AND GLOBAL CHANGE MINOR

## REQUIREMENTS

Requirement Description	Credits
At least 15-20 credits of coursework in Plant Biology, Biocore, Biology, Microbiology and Molecular Genetics, Wildlife Biology, Agriculture, Landscape, and Environment and Environmental Science.	
<b>Organismal Biodiversity courses in 3 areas</b>	
At least two of these must be lab or field-based courses.	
<b>Plant Biodiversity</b>	<b>3-4</b>
Choose one of the following	
PBIO 2090   Plant Systematics	
PBIO 2084   Introduction to Ethnobotany	
PBIO 3320   Plant Systematics in Costa Rica	
PBIO 3991   Internship	
<b>Animal Diversity</b>	<b>3-4</b>
Choose one of the following	
BIOL 4245   Mammalogy	
ALE 2060   Entomology & Pest Mgmt	
WFB 2300   Ornithology	
WFB 2410   Field Herpetology	
WFB 4320   Ichthyology	
<b>Fungal and Microbial Biodiversity</b>	<b>3-4</b>
Choose one of the following	
MMG 2010   Microbiol & Infectious Disease	
MMG 3200   Environmental Microbiology	
PBIO 2170   Plant Pathology	
PBIO 2770   Biology of Fungi	
<b>Ecology</b>	<b>3-4</b>
Choose one of the following	
BCOR 2100   Ecology and Evolution	
BIOL 2105   Introduction to Marine Science	
BIOL 3105   Community Ecology	
PBIO 2890   Ecuador: Natural History	
PBIO 3940   Modeling of Ecological Systems	
ALE 2120   Weed Ecology & Management	

ALE 3680	Soil Ecology	
WFB 3240	Conservation Biology	
WFB 4830	Terrestrial Wildlife Ecology	
<b>Global Change</b>		<b>3-4</b>
Choose one of the following		
ENSC 4010	Recovery&Restor Altered Ecosys	
PBIO 2330	How Plants Can Save the World	
PBIO 2440	Nature-Based Climate Solutions	
PBIO 3220	Ecological Invasions	
PBIO 3440	Community Climate Solutions	
PBIO 3750	Global Change Ecology	
BIOL 4410	Physiology of Global Change	
Appropriate special Topics courses at the 2000-level or above may be added at the discretion of the advisor.		

## PRE/CO-REQUISITES

Requirement Description	Credits	
Choose 1 of the following options		
Option A:		
BCOR 1400 & BCOR 1450	Exploring Biology 1 and Exploring Biology 2	8
Option B:		
BIOL 1000 & BIOL 1005	AP Biology 1 and AP Biology 2	8
Option C:		
BIOL 1000 & BCOR 1425	AP Biology 1 and Accelerated Biology	8
Option D:		
BIOL 1400 & BIOL 1450	Principles of Biology 1 and Principles of Biology 2	8

## OTHER INFORMATION

Students majoring in Plant Biology or Biological Science in the College of Agriculture and Life Science may only overlap two courses total between their major and the Biodiversity and Global Change minor or between another minor and the Biodiversity and Global Change minor.

Students majoring in Plant Biology, Biology, or Biological Sciences in the College of Arts and Sciences (CAS) may only overlap one course between a major and the Biodiversity and Global Change minor or

between another minor and the Biodiversity and Global Change minor.