

Upper division electives for the Environmental Biology major

One course in Ecology, Behavior, or Conservation Biology
 One course in Evolution or Genetics
 One course in Morphology, Physiology, or Diversity
 One course in Policy or Economics
 One additional course from the preceeding four categories
 Note: At least one of the 5 elective courses must have a lab component

Upper division electives for the Ecology and Evolution track

Three courses in Ecology, Evolution, Behavior, or Conservation Biology
 One course in Genetics
 One course in Morphology, Physiology, or Diversity
 Note: At least one of the 5 elective courses must have a lab component
 Note: The three courses for Ecology, Evolution, Behavior, or Conservation Biology can be drawn from either of the first two lists below

Ecology/Behavior/Conservation Biology

Behavioral Biology of the Living Primates	EEEE W3011		
Conservation Biology	EEEE W3087		
Challenges and Strategies of Primate Conservation	EEEE W3240		
Tropical Biology and Sustainability	EEEE W3920	lab	Kenya program; satisfies multiple requirements
Current Controversies in Primate Behavior and Ecology	EEEE W3940		
Ethnobotany	EEEE G4086		Also Pol/Econ
Forest Ecology	EEEE G4100	lab	
Coastal and Estuarine Ecology	EEEE G4110	lab	
Ecosystem Ecology and Global Change	EEEE W4111		
Introduction to Conservation Genetics	EEEE G4126		Also Ev/Gen
Disease Ecology	EEEE G4127		
Behavioral Ecology	EEEE G4134		
Theoretical Ecology	EEEE W4150	lab	
The Other Greenhouse Gases	EEEE G4180		
Introduction to Landscape Analysis	EEEE W4192	lab	
Marine Conservation Ecology	EEEE W4195	lab	
Animal Migration in Theory and Practice	EEEE W4240		
Understanding Nature through Observation/Experiment	EEEE G4250		
Food, Ecology, and Globalization	EEEE G4260		Also Pol/Econ
Biodiversity and Ecosystem Processes	EEEE G4650		Also M/P/D
Biogeography	EEEE G4789		Also Ev/Gen
Fundamentals of Ecology	EEEE G6111		
Ecology	BIOL BC 2272	Separate lab: 2873	
Animal Behavior	BIOL BC 2280		
Tropical Ecology	BIOL BC 3388		
Applied Ecology and Evolution	BIOL BC 3380		
Plant Ecophysiology	EESC W4550	lab	Also M/P/D
Wetlands and Climate Change	EESC W4835	lab	
Biological Oceanography	EESC W4923		
Field Methods in Environmental Science	EESC BC 3014	lab	
Forests and Environmental Change	EESC BC 3021	lab	
Case Studies in Land-Use/Bird/Plant Dynamics	EESC BC 3026	lab	
Animal Behavior	PSYC W2420		

Evolution/Genetics

Biology, Systematics & Evol Hist. Apes	EEEE W3030		Also M/P/D
Dynamics of Human Evolution	EEEE W3204	lab	
The Neandertals	EEEE W3910		
The Evolutionary Basis of Human Behavior	EEEE W4010		
Phylogenomics	EEEE G4030		
Ichthyology	EEEE W4112		Also M/P/D
Introduction to Conservation Genetics	EEEE G4126		Also E/B/CB
Herpetology	EEEE G4210	lab	Also M/P/D
Human Adaptation	EEEE W4340		
Insect Diversity	EEEE G4666	lab	Also M/P/D
Biogeography	EEEE G4789		Also E/B/CB
Field Botany and Plant Systematics	EEEE W4910	lab	Also M/P/D
Fundamentals of Evolution	EEEE G6110		
Biological Basis of Human Variation	ANTH V3970	lab	
Genetics	BIOL W3031		

Introduction to Evolutionary Biology	BIOL W3208		
Advanced Genetic Analysis	BIOL W4001		
Genetics	BIOL BC 2100	Separate lab: 2801	
Evolution	BIOL BC 2278		
Plant Evolution and Diversity	BIOL BC 2240	Separate lab: 2841	Also M/P/D
Morphology/Physiology/Diversity			
The Saga of Life	EEEEB W3001		
The Biology, Systematics & Evolutionary History of the 'Apes'	EEEEB W3030		Also Ev/Gen
Explorations in Primate Anatomy	EEEEB W3208		
Forensic Osteology	EEEEB W3215	lab	
Biology of African Animals and Ecosystems	EEEEB W3920	lab	Kenya program; also E/B/CB
Ichthyology	EEEEB W4112		Also Ev/Gen
Ornithology	EEEEB G4140		
Natural History of the Mammals	EEEEB G4200		
Herpetology	EEEEB G4210	lab	Also Ev/Gen
Cultural and Biological Diversity	EEEEB 4645		Also Pol/Econ
Biodiversity and Ecosystem Processes	EEEEB G4650		Also E/B/CB
Insect Diversity	EEEEB G4666	lab	Also Ev/Gen
Field Botany and Plant Systematics	EEEEB W4910	lab	Also Ev/Gen
Human Skeletal Bio I	ANTH G4147	lab	
Human Skeletal Bio II	ANTH G4148	lab	
Intro to Animal Structure &Function	BIOL W3002	lab	
General Physiology	BIOL W3006		
Developmental Biology	BIOL W3022		
Plant Evolution and Diversity	BIOL BC 2240	Separate lab: 2841	Also Ev/Gen
Invertebrate Zoology	BIOL BC 2250		
Vertebrate biology	BIOL BC 2262		
Microbiology	BIOL BC 3320	Separate lab: 3321	
Plant Physiology	BIOL BC 3340	Separate lab: 3341	
Plant Development	BIOL BC 3342	Separate lab: 3343	
Development	BIOL BC 3352		
Animal Physiology	BIOL BC 3360	Separate lab: 3361	
Plant Ecophysiology	EESC W4550	lab	Also E/B/CB
Ecotoxicology	EESC BC 3200	lab	
Policy/Economics			
Tropical Agriculture	EEEEB W3921	lab	Kenya program
Ethnobotany	EEEEB G4086		Also E/B/CB
Food, Ecology, and Globalization	EEEEB G4260		Also E/B/CB
Cultural and Biological Diversity	EEEEB G4645		Also M/P/D
Biodiversity, Natural Resources, and Conflict	EEEEB W4655		
Introduction to Environmental Anthropology	ANTH V3004		
Environment and Development	ANTH V3973		
Nature and Power: Environmental History of N. Amer.	CSER W322		
Economics of the Environment	ECON W4625		
Environmental and Natural Resource Economics	ECON BC 3039		
Weapons of Mass Destruction	EESC W3018		
Earth/Human Interactions	EESC W4917		
Agriculture and Urban Land Use: Human-Env Inter.	EESC BC 3032		
Environmental Law	EESC BC 3040		
Introduction to Environmental Law	SDEV W2000		
Challenges of Sustainable Development	SDEV W2300		
Economic and Financial Methods for Sus Dev	SDEV W2320		
Global Food Systems	SDEV W3200		
Ecological and Social Systems for Sus Dev	SDEV W3330		
Environmental Sociology	SOCI W3290		