

# Ecology and Conservation Emphasis

## BIOLOGY Major

### This disciplinary emphasis also requires:

- Completion of an interdisciplinary major or minor (<http://catalog.uwgb.edu/archive/2016-2017/undergraduate/planning/interdisciplinary-majors-minors>)

### Supporting Courses

28-29

BIOLOGY 201 & BIOLOGY 202	Principles of Biology: Cellular and Molecular Processes and Principles of Biology Lab: Cellular and Molecular Processes
BIOLOGY 203 & BIOLOGY 204	Principles of Biology: Organisms, Ecology, and Evolution and Principles of Biology Lab: Organisms, Ecology, and Evolution
CHEM 211 & CHEM 213	Principles of Chemistry I and Principles of Chemistry I Laboratory
CHEM 212 & CHEM 214	Principles of Chemistry II and Principles of Chemistry II Laboratory
MATH 260	Introductory Statistics
<b>Mathematics (choose one course):</b>	
COMP SCI 256	Introduction to Software Design
MATH 104	Elementary Functions: Algebra and Trigonometry
MATH 201	Calculus for the Management and Social Sciences
MATH 202	Calculus and Analytic Geometry I
<b>Writing (choose one course):</b>	
ENG COMP 105	Expository Writing
INFO SCI 390	Technical Writing

### Upper Level Courses

30-33

<b>Required Courses</b>	
BIOLOGY 302 or BIOLOGY 307 & BIOLOGY 308	Principles of Microbiology Cell Biology and Cell Biology Laboratory
BIOLOGY 303	Genetics
BIOLOGY 309	Evolutionary Biology
BIOLOGY 311 or BIOLOGY 346	Plant Physiology Comparative Physiology
ENV SCI 302	Principles of Ecology
<b>Choose 12-14 credits from the following courses:</b>	
BIOLOGY 310	Plant Taxonomy
BIOLOGY 311	Plant Physiology
BIOLOGY 312	Mycology
BIOLOGY 320	Field Botany
BIOLOGY 322	Environmental Microbiology
BIOLOGY 342	Ornithology
BIOLOGY 343	Mammalogy
BIOLOGY 353	Invertebrate Biology
BIOLOGY 355	Entomology
ENV SCI 401	Stream Ecology
ENV SCI 467	Capstone in Environmental Science
ENV SCI 469	Conservation Biology
ENV SCI 499	Travel Course
<b>Seminar, 1 credit required</b>	

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