

Animal Biology Emphasis

This disciplinary emphasis also requires:

- Completion of an interdisciplinary major or minor (<http://catalog.uwgb.edu/archive/2015-2016/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

Mathematics (choose one course):

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

Writing (choose one course):

ENG COMP 105	Expository Writing
INFO SCI 390	Technical Writing

Upper Level Courses

30-33

Required courses

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

Choose 12-14 credits from the following courses:

BIOLOGY 304	Genetics Laboratory
BIOLOGY 322	Environmental Microbiology
BIOLOGY 340	Comparative Anatomy of Vertebrates
BIOLOGY 341	Ichthyology
BIOLOGY 342	Ornithology
BIOLOGY 343	Mammalogy
BIOLOGY 345	Animal Behavior
BIOLOGY 346	Comparative Physiology
BIOLOGY 353	Invertebrate Biology
BIOLOGY 355	Entomology
BIOLOGY 410	Developmental Biology
BIOLOGY 411	Developmental Biology Laboratory
HUM BIOL 402	Human Physiology
HUM BIOL 403	Human Physiology Laboratory
HUM BIOL 413	Neurobiology
HUM BIOL 422	Immunology
HUM BIOL 423	Immunology Lab
HUM BIOL 444	Endocrinology

Seminar, 1 credit required

BIOLOGY 490

Biology Seminar

Total Credits

58-62