

**Biology Advising Guide
Course List**

Freshwater and Marine Systems

Course	Title	Cr.
Biol 335	Principles of Animal Physiology	5
Biol 351	Comparative Chordate Anatomy	5
Biol 353	Introductory Parasitology	4
Biol 354	Animal Behavior	3
Biol 354L	Laboratory in Animal Behavior	1
Biol 366	Plant Systematics	4
Biol 371	Ecological Methods and Analyses	3
Biol 381	Environmental Systems	4
Biol 393	North American Field Trips in Biology	1-4*
Biol 394	International Field Trips in Biology	1-4*
Biol 439	Environmental Physiology	3
Biol 454	Plant Anatomy	4
Biol 480	Studies in Marine biology	1-8*
Biol 481	Summer Field Studies	1-8*
Biol 483	Environmental Biogeochemistry	4
Biol 486	Aquatic Ecology	3
Biol 486L	Aquatic Ecology Laboratory	1
Biol 487	Aquatic and Wetland Microbial Ecology	3
Biol 488	Identification of Aquatic Organisms	1
Ent 370	Insect Biology	3
Ent 425	Aquatic Insects	3
Micro 302	Biology of Microorganisms	3
Micro 302L	Microbiology Laboratory	1
A Ecl 321	Fish Biology	3
A Ecl 360	Natural History of Aquatic Biota	1
A Ecl 361	Natural History of Fishes	1
A Ecl 362	Natural History of Reptiles and Amphibians	1
A Ecl 363	Natural History of Birds	1
A Ecl 364	Natural History of Mammals	1
A Ecl 442	Aquaculture	3
NREM 407	Watershed Management	4

This course list is to assist in the selection of courses for this area of interest. Other courses may apply. Some courses may require pre-requisites not on this list. Courses from Iowa Lakeside Laboratory, Gulf Coast Research Lab, field stations and some 500 level courses from supporting departments may also apply.