

**BIOLOGICAL SCIENCES DEPARTMENT**  
**ANTICIPATED COURSE OFFERINGS FOR 2011-2012**

 = COURSE SHOULD BE OFFERED IN THE QUARTER(S) INDICATED.

 = NEW COURSE OR QUARTER HAS CHANGED.

 = COURSE MAY OR MAY NOT BE OFFERED.

COURSE	TITLE	Units	SUMMER	FALL	WINTER	SPRING
BIO 100	Orientation Biological Sciences	1				
BIO 111	General Biology (B2&B4)	4				
BIO 112	Env. Bio & Conserv. (B5)	4				
BIO 113	Animal Div. & Ecology (B2&B4)	4				
BIO 114	Plant Diversity & Ecology (B2&B4)	4				
BIO 115	Animal/Human Struct. Funct. (B2&B4)	4				
BIO 160	Diversity/History of Life	4				???
BIO 161	Intro to Cell/Mol. Biology (B2&B4)	4				
BIO 162	Intro Organismal Form & Function	5				
BIO 200	Special Problems for Undergraduates	1-2				
BIO 213	Life Science for Engineers (B2)	2				
BIO 227	Wildlife Conservation Biology (B2)	4				
BIO 253	Orientation to Health Professions	1				
BIO 263	Intro Ecology and Evolution	4				
BIO 302	Human Genetics (B5)	4				
BIO 303	Survey of Genetics	4				
BIO 305	Biology of Cancer (B5)	4				
BIO 307	World Aquaculture (F)	4				
BIO 325	General Ecology	4				
BIO 327	Wildlife Biol. Methods	5				
BIO 328	Marine Biology	5				
BIO 330	Extended Field Activity	1				
BIO 351	Principles of Genetics	5				
BIO 361	Principles of Physiology	4				
BIO 375/CHEM 375	Molecular Biology Laboratory	3				
BIO 400	Special Problems	1-2				
BIO 401	Conservation Biology	4				
BIO 405	Developmental Biology	4				
BIO 414	Evolution	4				
BIO 415	Biogeography	4				
BIO 419	Ecological Methodology	4				
BIO 426	Immunology	4				
BIO 427	Wildlife Management	4				
BIO 432	Vertebrate/Human Anat/Phys I	5				
BIO 433	Vertebrate/Human Anat/Phys II	5				
BIO 434	Environmental Physiology	4				???
BIO 435	Plant Physiology	4				
BIO 438	Aquaculture	4				
BIO 439	Fisheries Sci. & Resource Manag.	4				
BIO 441/CHEM 441	Bioinformatics Applications	4				
BIO 444	Population Ecology	3				
BIO 450	Undergraduate Lab Assistantship	1-4				
BIO 452	Cell Biology	4				
BIO 461	Senior Project – Research Proposal	2				
BIO 462	Senior Project - Research	2				
BIO 463	Honors Research	2				
BIO 470	Selected Adv Topics in Biology	1-4				
BIO 472	Current Topics in Biol. Research	1-4				
BIO 476/CHEM 476	Gene Expression Laboratory	2				
BIO 485	Cooperative Education Experience	6				
BIO 495	Cooperative Education Experience	12				

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BIO 500	Individual Study	1-3				
BIO 501	Molecular & Cellular Biology	4				
BIO 502	Biology of Organisms	4				
BIO 503	Population Biology	4				
BIO 511	Trends in Biology	1				
BIO 524	Develop. Bio. Seminar	2				
BIO 534	Stem Cell Hist. and Theory	2				
BIO 561	Proposal Writing For Bio Research	3				
BIO 570	Adv. Topics in Biology	1-4				
BIO 575	College Teaching Practicum	1-2				
BIO 585	Cooperative Education Experience	6				
BIO 590	Graduate Seminar in Biology	1				
BIO 593	Stem Cell Res. Internship	5				
BIO 594	Applications in Stem Cell Res.	2				
BIO 595	Cooperative Education Experience	12				
BIO 599	Thesis	3				
BOT 121	General Botany (B2&B4)	4				
BOT 311	Plants, People & Civilization (B5)	4				
BOT 313	Taxonomy of Vascular Plants	4				
BOT 323	Plant Pathology	4				
BOT 324	Ornamental & Forest Pathology	4				
BOT 326	Plant Ecology	4				
BOT 329/HCS 329	Plants, Food & Biotechnology (F)	4				
BOT 431	Advanced Plant Pathology	4				
BOT 433	Field Botany	4				
BOT 437	Phycology	4				
BOT 450/HCS 450	Plant Biotechnology Lab	2				
MCRO 221	Microbiology (B2&B4)	4				
MCRO 224	General Microbiology I (B2&B4)	5				
MCRO 225	General Microbiology II	5				
MCRO 320	Emerging Infectious Diseases	3				
MCRO 342	Sanitary Microbiology	4				
MCRO 402	General Virology	4				
MCRO 421	Food Microbiology	4				
MCRO 423	Medical Microbiology	5				
MCRO 424	Microbial Physiology	5				
MCRO 433	Microbial Biotechnology	3				
MCRO 436	Environ. Microbiology	4				
SCM 201	Orientation to Biotechnology	1				
SCM 302	Learn-by-doing Lab	3				
SCM 330	Ocean Discovery (F)	4				
ZOO 321	Mammalogy	4				
ZOO 322	Ichthyology	4				
ZOO 323	Ornithology	4				
ZOO 329	Vertebrate Field Zoology	4				
ZOO 331	Human Anatomy & Physiology I	5				
ZOO 332	Human Anatomy & Physiology II	5				
ZOO 335 = BIO 471	General Entomology = BIO 471	4				
ZOO 336	Invertebrate Zoology	4				
ZOO 341	Herpetology	4				
ZOO 422	Functional Histology	4				
ZOO 425	Parasitology	4				
ZOO 428	Hematology	4				
ZOO 436	Compara. Invertebrate Physiology	4				
ZOO 437	Animal Behavior	4				
ZOO 537	Behavioral Ecology Seminar	2				
UNIV 330	Poly Lands (GE -F)	4				