

Electives towards the Biological Sciences Degree

Course #	Course	S.H.	Lab?	Special Notes for BS:
Biological Sciences Department				1. Students must complete 22 credits of biology electives, 4 total approved labs, 3 of which must be upper level 2. Not all courses are offered every semester 3. You must earn a "C" or better in each biology elective to count towards the program 4. Please refer to the program guides listed on the department website for more information
BIOL 01310	Advanced Evolution	4 s.h.	√	
BIOL 02301	Plant Diversity	4 s.h.	√	
BIOL 20330	Environmental Science	4 s.h.	√	
BIOL 01428	Developmental Biology	4 s.h.	√	
BIOL 18400	Limnology	4 s.h.	√	
BIOL 02410	Stream Ecology	4 s.h.	√	
BIOL 01405	Conservation Biology	4 s.h.	√	
BIOL 07300	Invertebrate Zoology	4 s.h.	√	
BIOL 01352	Ornithology	4 s.h.	√	
BIOL 01470	Ichthyology	4 s.h.	√	
BIOL 18360	Intro to Marine Biology	4 s.h.	√	
BIOL 21401	Entomology	4 s.h.	√	
BIOL 01454	Herpetology	4 s.h.	√	
BIOL 01458	Mammalogy	4 s.h.	√	
BIOL 01460	Animal Ethology	4 s.h.	√	
BIOL 07301	Comparative Vertebrate Anatomy	4 s.h.	√	
BIOL 11330	Microbiology	4 s.h.	√	
BIOL 11405	Environmental Microbiology	4 s.h.	√	
BIOL 22335	Advanced Genetics	4 s.h.	√	
MCB 22450	Molecular Genetics	4 s.h.	√	
MCB 10345	Human Physiology	4 s.h.	√	
MCB 22410	Concepts in Human Genetics	4 s.h.	√	
BIOL 01430	Advanced Cell Biology	4 s.h.	√	
MCB 01325	Immunology	4 s.h.	√	
BIOL 01325	Mycology	4 s.h.	√	
MCB 01421	Foundations of Cell Culture Techniques	4 s.h.	√	
BIOL 01475	Biology Lab/Field Research	3 s.h.	x	
BIOL 14440	Intro to Biochemistry	3 s.h.	x	
BIOL 01350	Biodiversity & History of Life	3 s.h.	x	
MCB 05355	Bioinformatics: Biological Applications	3 s.h.	x	
MCB 10381	Cellular/Molecular Neuroscience	3 s.h.	x	
BIOL 01351	Climate Change Biology	3 s.h.	x	
BIOL 01409	Regenerative Biology	3 s.h.	x	
BIOL 01445	Special Topics in Biology -WI	3 s.h.	x	
BIOL 10210	Human Anatomy & Physiology I*	4 s.h.	√	
BIOL 10212	Human Anatomy & Physiology II*	4 s.h.	√	
Chemistry Department				
CHEM 07410	Medicinal Chemistry	3 s.h.	x	
CHEM 07348	Biochemistry	4 s.h.	√	
CHEM 07399	Bioinformatics: Biochem Aspects	3 s.h.	x	
Computer Science Department				
CS 04301	Bioinformatics: Computational Aspects	3 s.h.	x	

				Special Notes for BA:
				1. Students must complete 15 credits of biology electives, including 3 approved upper level labs 2. Not all courses are offered every semester 3. You must earn a "C" or better in each biology elecive to count towards the program 4. Please refer to the program guides listed on the department website for more information 5. Courses with (*) do not count towards the BA