

GENERAL BIOLOGY, M.S.

Code	Title	Units
Core Courses		
BIO 6011	Learning in Science	3
or BIO 6123	Leadership in Science	
BIO 6033	History/Philosophy of Science	3
BIO 6043	Research Design in Science Education	3
BIO 6082	Research Proposal and Pilot Study	1
Electives: Group A		
Choose twelve (12) units from the following:		12
BIO 6060	Microbiology and Immunology	
BIO 6061	Ecology of Plants and Animals	
BIO 6062	Genetics and Molecular Biology	
BIO 6063	Cell Biology	
BIO 6064	Developmental Biology	
BIO 6065	Physiology of Plants and Animals	
BIO 6067	Marine Biology	
BIO 6068	Evolutionary Biology	
Electives: Group B		12
Choose one (1) of the following:		
<i>Thesis</i>		
BIO 6083 (A,B,C,D,E,S)	Thesis	
or BIO 6084	Comprehensive Examination in General Biology	
Choose six (6) additional units		
<i>Comprehensive Exam</i>		
BIO 6084	Comprehensive Examination in General Biology	
Choose 12 additional units		
Additional Units		
BIO 6001	Graduate Internship in Biology	
BIO 6011	Learning in Science	
BIO 6021	Readings in Biology	
BIO 6060	Microbiology and Immunology	
BIO 6061	Ecology of Plants and Animals	
BIO 6062	Genetics and Molecular Biology	
BIO 6063	Cell Biology	
BIO 6064	Developmental Biology	
BIO 6065	Physiology of Plants and Animals	
BIO 6067	Marine Biology	
BIO 6068	Evolutionary Biology	
BIO 6090	Special Studies in Biology	
BIO 6092	Perspectives on Science	
BIO 6123	Leadership in Science	
BIO 6163	Methods of Teaching Secondary Science	
Other approved Biology courses		
Up to six (6) units of approved education or business coursework		
Total Units		34

Note(s): Students will develop an academic plan within the first semester of enrollment to determine the appropriate electives based on bachelor's degree coursework, teaching experience, and professional goals.