

NATURAL SCIENCES (MS) - BIOLOGY TRACK

Program of Study Thesis Option

Code	Title	Credit Hours
Area 1 Program Core		
ENGL 5149G	Grant Writing	3
Area 1 Total		3
Area 2 Thesis Option Program Concentration		
BIOL 6795	Biology Seminar Series (take 4 times for credit)	4
BIOL 6215	Principles of Experimental Design and Applications in Biology	4
Select one Biology Elective from the following:		3-4
BIOL 6515	Advanced Selected Topics in Cellular and Molecular Biology	
BIOL 6516	Advanced Selected Topics in Organismic Biology	
BIOL 6517	Advanced Selected Topics in Ecological and Evolutionary Biology	
BIOL 6555	Selected Topics in Biology	
Select 6-7 credits of any 5000+ BIOL, CHEM, ENVS, GEOL, GEOG with advisor approval ¹		6-7
Area 2 Total		18
Area 3 Thesis Option		
BIOL 6931	Master of Science Thesis Research (repeated for a total of 15 hours)	15
BIOL 6000	Masters Thesis Defense	0
Area 3 Total		15
Total Credit Hours		36

¹ Except BIOL 6821 Master of Science Literature / Topic Paper, which cannot be used in this area

Non-Thesis Option

Code	Title	Credit Hours
Area 1 Program Core		
ENGL 5149G	Grant Writing	3
Area 1 Total		3
Area 2 Non-Thesis Option Program Concentration		
BIOL 6795	Biology Seminar Series (take 4 times for credit)	4
BIOL 6215	Principles of Experimental Design and Applications in Biology	4
Select one Biology Elective from the following:		3-4
BIOL 6515	Advanced Selected Topics in Cellular and Molecular Biology	
BIOL 6516	Advanced Selected Topics in Organismic Biology	
BIOL 6517	Advanced Selected Topics in Ecological and Evolutionary Biology	
BIOL 6555	Selected Topics in Biology	

Select 15-16 credits of any 5000+ ATSC, BIOL, CHEM, ENVS, GEOL, 15-16 GEOG with advisor approval ¹

Area 2 Total 27

Area 3 Non-Thesis Option

Select 6 credit hours from the following: 6

BIOL 6821 Master of Science Literature / Topic Paper

BIOL 6605 Master of Science Biology Internship

Area 3 Total 6

Total Credit Hours 36

¹ Except BIOL 6821 Master of Science Literature / Topic Paper, which cannot be used in this area