

	Program of Study	Instructions:			
	M.S. Biology	1) Fill in only yellow highlighted cells,			
	Evolutionary Biology - EB	either by directly entering the			
	Fall 2022 catalog	information or using the drop down			
		menus in the cells			
1st MS term:		2) Enter 1st MS term, Name, Email,			
		and ID number			
Student Name:		3) A Thesis requires a public defense;			
Mason Email		Project option requires both oral and			
Mason ID:		written comprehensive exams			
		4) Grand Total credits should be a			
		minimum of 30			
Cell and Molecular Requirement (3 credits)					
Course #	Course Name	Semester	Year	Credits	Total Credits
BIOL 682 or BIOS 744	Advanced Eukaryotic Cell Biology or Molecular Genetics				
Professional Methods Requirement (4 credits)					
BIOL 690	Intro to Graduate Studies in Biology				
Choose 1 from the following:					
BIOL 689	Interdisciplinary Tools in the Biosciences				
BIOL 691*	Current Topics in Biology (see course list below)				
BIOS or NEUR 702	Research Methods				
		Total			0
Seminar Requirement (3 credits)					
Select a total of 3 credits from the following courses:					
BIOL 692 or 695	Graduate Seminar				
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BIOL 692 or 695	Graduate Seminar				
		Total			0
Systems Biology/Evolution Requirement (3 credits)					
BIOL 502	Adaptation in Biosystems				
Populations and Species (3-6 credits)					
BIOL 574	Population Genetics				
BIOL 579 or BIOS 767	Molecular Evolution and Conservation Genetics or Molecular Evolution				
BIOL 648	Population Ecology				
		Total			0
Organismal Biology (3-6 credits)					
		Total			0
Molecular Techniques (3-4 credits)					
BIOL 693 or BINF 795	Directed Studies in Biology or Bioinformatics Internship				
BINF 630	Bioinformatics Methods				
BIOS 716	Methods in Evolutionary Biology				
EVPP 515 or 615	Molecular Environmental Biology I or II				
		Total			0
Electives (2-6 credits, Consult advisor)					
		Total			0
Thesis or Project					
BIOL 798 - 2 to 3 credits OR	Master's Project				
BIOL 799 - 3 to 5 credits	Master's Thesis				

		Total			0
		Grand Total (Min. 30 credits)			0
	* Either "Research Methods" or "Creativity and Innovation"				
Student Signature				Date	
Faculty Advisor				Date	
	Print				