

BIOLOGY - ECOLOGY & EVOLUTION CONCENTRATION (M.S.)

GRAD CMP Comprehensive Examination

In the term that you will sit for exam, register for the section which matches your major & advisor. Successfully pass exam.

Total Credits

32

For details about this program, including program description, admission requirements, and contact information, click here (<https://www.montclair.edu/graduate/programs-of-study/biology-ecology-evolution-concentration-ms/>).

Program Requirements

Code	Title	Credits
Required Courses		
BIOL 570	Ecology	3
BIOL 580	Evolutionary Mechanisms	3
BIOL 592	Graduate Colloquium	1
BIOL 571	Physiological Plant Ecology	3-4
or BIOL 579	Physiological Ecology of Animals	
Select one of the following:		3-4
AQUA 551	Advanced Aquatic Biological Processes	
BIOL 572	Wetland Ecology	
BIOL 573	Shoreline Ecology	
Electives		
Select 10-14 credits from the following:		10-14
BIMS 564	Benthic Ecology	
BIOL 520	Plant Physiology	
BIOL 521	Field Studies of Flowering Plants	
BIOL 532	Advanced Entomology	
BIOL 547	Molecular Biology I	
BIOL 548	Molecular Biology II	
BIOL 574	Behavioral Ecology	
BIOL 576	Biology of Extreme Habitats	
BIOL 586	Special Topics in Advanced Biology	
BIOL 595	Conservation Biology: The Preservation of Biological Diversity	
EAES 545	Paleoecology	
EAES 563	Natural Resource Management	
STAT 532	Fundamentals of Statistics	
STAT 536	Statistical Theory	
STAT 537	Design and Analysis of Experiments	
STAT 538	Regression Methods	
Culminating Experience		
<i>Research in Biological Literature</i>		
BIOL 597	Research in Biological Literature	1
<i>Thesis or Non-Thesis Option</i>		
Select one of the following:		4-6
Thesis - Complete for 6 credits		
BIOL 698	Master's Thesis	
Submit the completed Thesis original and one copy to the Graduate Office. See Thesis Guidelines for details.		
Research and Comprehensive Examination		
BIOL 599	Introduction to Biological Research	