

MOLECULAR BIOLOGY - GRADUATE MINOR

The Molecular Biology Minor consists of 10 credit hours including MOLB 545; either MOLB 520 or MOLB 542; any of the tier II courses; and one MOLB 590 seminar.

Prefix	Title	Credits
Required Courses		
MOLB 545	Molecular and Biochemical Genetics	3
MOLB 520	Molecular Cell Biology	3
or MOLB 542	Biochemistry I	
MOLB 590	Discussions in Molecular Biology	1
Molecular Biology Tier II Courses		
Select one from the following:		3
AGRO 516	Molecular Analysis of Complex Traits	
ANSC 602	Advanced Reproductive Physiology	
ANSC 621	Metabolic Functions and Dysfunctions	
BCHE 546	Biochemistry II: Central and Intermediary Metabolism	
BCHE 647	Physical Biochemistry	
BIOL 451	Physiology of Microorganisms	
BIOL 470	Developmental Biology	
BIOL 474	Immunology	
BIOL 475	Virology	
BIOL 477	Applied and Environmental Microbiology	
BIOL 478	Molecular Biology of Microorganisms	
BIOL 490	Neurobiology	
BIOL 541	Professional Development Seminar	
BIOL 550	Special Topics	
BIOL 577	Advanced Topics in Environmental Microbiology	
BIOL 590	Neuroscience	
BIOL 698	Selected Topics	
EPWS 486	Plant Virology	
MOLB 546	Biochemistry II	
MOLB 650	Advanced Topics in Molecular Biology	
TOX 461	Toxicology I	
GENE 486	Genes and Genomes	
Total Credits		10