

# BIOTECHNOLOGY MINOR

Course	Title	Credits
<b>Required Courses</b>		
BIOLOGY 1650	The Unity of Life	5
BIOLOGY 2040	Cell Biology	4
BIOLOGY 3330 or ANSCI 3030	Genetics Genetics of Livestock Improvement	3
BIOLOGY 3530	Biotechnology	3
BIOLOGY 4520	Biotechnology Seminar	2
<b>Physiology Corequisite</b>		
Select 3-4 credits of the following: <sup>1</sup>		3-4
ANSCI 3100	Anatomy and Physiology of Domestic Animals	
BIOLOGY 2240	Human Anatomy and Physiology II	
BIOLOGY 2340	Essentials of Anatomy and Physiology	
SCSCI 4340	Plant Physiology	
<b>Tissue Culture Course(s)</b>		
BIOLOGY 3120 or SCSCI 3220	Animal Tissue Culture Plant Development and Biotechnology	2-4
<b>Electives</b>		
Select 7-10 credits of the following to complete the Minor:		7-10
ANSCI 3070	Biotechnology in Animal Science	
ANSCI 3110	Reproductive Physiology of Domestic Animals	
BIOLOGY 3240	Microbiology	
BIOLOGY 3620	Immunology	
BIOLOGY 4040	Molecular Biology	
CHEMISTRY 4610	General Biochemistry Lab	
CHEMISTRY 4630	General Biochemistry	
CHEMISTRY 4830	Biochemistry Topics	
SCSCI 4240	Plant Breeding	
No more than 3 credits may be counted from the following courses as electives to the minor		
BIOLOGY 4410	Topics in Biology (applicable to biotechnology)	
BIOLOGY 4920	Advanced Independent Research in Biology	
ENVHORT 3370	Undergraduate Research in Environmental Horticulture	
<b>Total Credits</b>		<b>29-35</b>

<sup>1</sup> Credits do not count toward completion of the minor.

NOTE: Elective courses have individual prerequisites that may not be listed above.