

BIOLOGY, B.S. - MOLECULAR BIOLOGY/BIOTECHNOLOGY OPTION

Major in Biology, BS

Code	Title	Hours
CORE COURSES (C- or higher required)		0
Foundations of Biology - See Appendix 1		
BIOL 211	Concepts of Zoology	
BIOL 221	Concepts of Botany	
BIOL 343	Principles of Ecology & Evolution	
BIOL 362	Cell and Developmental Biology	
BIOL 364	Foundations of Genetics & Molecular Biology	
Option in Molecular Biology - See separate block		
Total Hours		0

Appendix 1. Foundations of Biology

Code	Title	Hours
Foundations of Biology C- or Higher		0
BIOL 101	Foundations of Biology	

Concentration in Molecular Biology

Code	Title	Hours
REQUIRED MOLECULAR/BIOTECHNOLOGY COURSES		
BIOL 462	Molecular Biology	0
BIOL 466	Molecular and Cell Techniques	0
Seminar in Molecular Biology		1
BIOL 472	Seminar In Biology	
ELECTIVES		
undefined - Choose 6 hours from:		6
Any 3-level BIOL course(s)		
Any 4-level BIOL course(s)		
Any 5-level BIOL course(s)		
Note: This requirement may not be satisfied with BIOL 340, BIOL 390, or BIOL 324.		
BIOL 463, 465, and 467 are recommended.		
Total Hours		7

Req Related for Biology, BS

Code	Title	Hours
For Biology Majors the G2 block of the Liberal Arts Core will be fulfilled by your required related coursework.		

CHEMISTRY

A C- or higher in CHEM 111 and 112 is a pre-requisite for CHEM 235. A C- or higher in CHEM 231 is a pre-requisite for CHEM 232. Students interested in graduate or professional school should take CHEM 231 and 232.

CHEM 111	Introductory Chemistry 1	0
CHEM 112	Introductory Chemistry 2	0
Organic Chemistry I (C- minimum) and II		0
CHEM 231	Organic Chemistry 1	

CHEM 232	Organic Chemistry 2	
CHEM 326	Biochemistry 1	0
Plant Biochemistry or Biochemistry II - Choose 1 of the following:		0
BIOL 324	Plant Biochemistry	
CHEM 324	Plant Biochemistry	
CHEM 327	Biochemistry 2	

MATHEMATICS AND COMPUTER SCIENCE

Calculus I or Honors Calculus - Choose 1 of the following:		4-5
MATH 161	Calculus 1	
MATH 163H	Honors Calculus 1	

Add Mathematics or Computer Science Electives - Choose 1 class from:

Any CSCI 140-599 course(s)

Any MATH 160-599 course(s)

Note: This requirement may not be satisfied with CSCI 101, CSCI 111, or CSCI 121.

PHYSICS

undefined - Choose 1 of the following options 1-2:		0
Option 1. Physics with Algebra		
PHYS 131	Physics 1 with Algebra	
PHYS 132	Physics 2 with Algebra	
Option 2. Physics with Calculus		
PHYS 231	Physics 1 with Calculus	
PHYS 232	Physics 2 with Calculus	

Total Hours **4-5**