

BIOLOGY, B.S.

Major in Biology, BS

Code	Title	Hours
CORE COURSES (C- or higher required)		
Foundations of Biology		4
Foundations of Biology C- or Higher - See Appendix 1		
BIOL 211	Concepts of Zoology	4
BIOL 221	Concepts of Botany	4
BIOL 343	Principles of Ecology & Evolution	4
BIOL 362	Cell and Developmental Biology	4
BIOL 364	Foundations of Genetics & Molecular Biology	4
REQUIREMENTS FOR BS BIOLOGY - NO OPTION SELECTED		
In consultation with your advisor, choose additional Biology courses to bring your total Biology courses to 43 credits. 12 credits must be at the 300-level or higher. No more than 3 credits of internship/co-op can count for credits in the major.		
Biology Colloquium or Seminar in Biology - Choose 1 of the following:		2
BIOL 470	Biology Colloquium	
BIOL 472	Seminar In Biology	
Electives - 300 level or higher - Choose 12 hours from:		12
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 362, BIOL 343, BIOL 364, or BIOL 390.		
Electives - Choose 3 hours from:		3
Any 2-level BIOL course(s)		
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 204, BIOL 205, BIOL 207, BIOL 208, BIOL 247, BIOL 281, BIOL 256, BIOL 340, or BIOL 390.		
Total Hours		41

Appendix 1. Foundations of Biology C- or Higher

Code	Title	Hours
BIOL 101	Foundations of Biology	4

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, 112, and 231 is a pre-requisite for CHEM 232.		
CHEM 111	Introductory Chemistry 1	4
CHEM 112	Introductory Chemistry 2	4
CHEM 231	Organic Chemistry 1 (C- minimum)	4
CHEM 232	Organic Chemistry 2	4
CHEM 326	Biochemistry 1	4
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	
Addl 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:		8-10
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		32-35