

MINOR: BIOLOGY

DEPARTMENT OF BIOLOGY

Biology has long been recognized as basic to such important areas as environment, agriculture, and medicine.

MAJOR COURSE REQUIREMENTS	CREDITS	PREREQUISITES	SEMESTER TO BE COMPLETED	GRADE
BIOLOGY				
BIOL 1011 General Biology I	5	1 yr HS or 1 sem of college chem		
BIOL 1012 General Biology II	5	BIOL 1011		
BIOL 2101 Cell Biology	3	BIOL 1012; CHEM 1152 or 1162		
BIOL 2201 Genetics	3	BIOL 1012		
BIOL 2801 General Ecology	3	BIOL 1012		
BIOL 4801 Evolution	2	BIOL 1012, 2201		
Biology elective 2xxx or above ⁺	3	Check course description		
Biology elective 2xxx or above ⁺	3	Check course description		
CHEMISTRY: SELECT OPTION 1 OR 2				
<i>Option 1:</i>				
CHEM 1113 Intro Gen/Org/Biol Chem I	5	CHEM 1113		
CHEM 1114 Intro Gen/Org/Biol Chem II	5			
<i>Option 2:</i>				
CHEM 1151 General Chemistry I	5	1 yr HS chemistry and HS algebra		
or CHEM 1161 Honors Gen. Chemistry I	5	1 yr HS chemistry, HS algebra and *		
CHEM 1152 General Chemistry II	5	CHEM 1151		
or CHEM 1162 Honors Gen. Chemistry I	5	CHEM 1161		
CHEM 2541 Organic Chemistry I	4	CHEM 1152 or 1162		
CHEM 2542 Organic Chemistry II	4	CHEM 2521		
MATHEMATICS: SELECT OPTION A OR B				
<i>Option A:</i>				
Math 1250 Precalculus	4	MATH 1005 with 'C-' or better or *		
STAT 1141 Intro to Statistics	3	MATH 1005 with 'C-' or better or *		
or Stat 2411 Statistical Methods	3	MATH 1250 with 'C-' or better or *		
<i>Option B:</i>				
MATH 1290 Calc for the Natural Sciences	5	MATH 1250 with 'C-' or better or *		
or Math 1296 Calculus I	5	MATH 1250 with 'C-' or better or *		
MATH 1297 Calculus II	5	MATH 1296 with 'C-' or better		
or STAT 2411 Statistical Methods	3	MATH 1250 with 'C-' or better or *		
or STAT 3611 Intro to Probability & Stats	4	MATH 1296 with 'C-' or better		

*Placement ,

⁺May include 2 of the following: MicB 5545, MicB 5555, PHSL 5601, or PHSL 5602.

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