

BIOLOGY, B.S.

Requirements for a Major in Biology, B.S.

Code	Title	Hours
Thirty-five semester hours including the following: ¹		
Required Courses		
<i>Biology Core</i>		
BIO 1305 & BIO 1105 or BIO 1405	Modern Concepts of Bioscience and Modern Concepts of Bioscience Laboratory Investigations of Modern Biology Concepts I	4
BIO 1306 & BIO 1106 or BIO 1406	Modern Concepts of Bioscience, continued and Modern Concepts of Bioscience Laboratory Investigations of Modern Biology Concepts II	4
BIO 2306 & BIO 2106	Genetics and Genetics Laboratory	4
BIO 4001	Achievement Test	0
Select one concentration from the following:		23
Cell and Molecular Biology (https://catalog.baylor.edu/undergraduate/college-arts-sciences/academic-departments/biology/biology-bs/bio-cell-molecular/)		
Integrative Biology (https://catalog.baylor.edu/undergraduate/college-arts-sciences/academic-departments/biology/biology-bs/integrative-bio/)		
Subtotal		35
Required Courses in Other Fields ²		
CHE 1301 & CHE 1101	Basic Principles of Modern Chemistry I and General Chemistry Laboratory I	4
CHE 1302 & CHE 1102	Basic Principles of Modern Chemistry II and General Chemistry Laboratory II	4
CHE 3331	Organic Chemistry I	3
CHE 3332	Organic Chemistry II	3
CHE 3238	Organic Chemistry Laboratory	2
MTH 1321	Calculus I	3
MTH 1322 or STA 2381	Calculus II Introductory Statistical Methods	3
Select one of the following sequences:		8
PHY 1408 & PHY 1409	General Physics for Natural and Behavioral Sciences I and General Physics for Natural and Behavioral Sciences II	
PHY 1420 & PHY 1430	General Physics I and General Physics II	
PHY 1420 & PHY 1409	General Physics I and General Physics for Natural and Behavioral Sciences II	
Total Hours		65

¹ A grade of "C" or better in all biology courses used in the major and a GPA of 2.0 or higher on all BIO courses completed.

² A grade of "C" or better in all courses required in other fields.