

# Biological Sciences B.A./B.S.

## Core Curriculum Courses

See the Core Curriculum Requirements (<http://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/>) 42

## Required courses in the major

BSC 1406	Introductory Biology I	4
BSC 1407	Introductory Biology II	4
BSC 111	Introduction to Biology	1
BSC 201	Biological Literature	3
BSC 303	Cell Biology	4
BSC 304	GLB/Genetics	4
BSC 305	General Physiology	4
BSC 306	Applied Microbiology	4
BSC 307	Ecology	3
BSC 401	Senior Seminar	1

Plus 21 sh advanced BSC course electives 21

## Required support courses

CHEM 1311	General and Quantitative Chemistry I *	
CHEM 1111	General and Quantitative Chemistry Laboratory I	1
CHEM 101	General Chemistry Tutorial I	1
CHEM 1312	General and Quantitative Chemistry II *	
CHEM 1112	General and Quantitative Chemistry Laboratory II	1
CHEM 102	General Chemistry Tutorial II	1
CHEM 201	Organic Chemistry Tutorial I	1
CHEM 202	Organic Chemistry Tutorial II	1
CHEM 2323	Organic Chemistry I	3
CHEM 2123	Organic Chemistry Laboratory I	1
CHEM 2325	Organic Chemistry II	3
CHEM 2125	Organic Chemistry Laboratory II	1
PHYS 1401	College Physics I	4
PHYS 1402	College Physics II	4

Plus 6 Sequential sh from:

MATH 1314	US-College Algebra *	
MATH 2312	Pre-Calculus	
MATH 2413	Calculus I	
MATH 2414	Calculus II	

Plus one course from: 3

MATH 453	Essentials of Statistics	
PSY 302	Statistics and Research Design I	
BSC 412	Quantitative Biology	

**Total Hours** 120

\* This course should be used to satisfy the Core Curriculum Requirements.  
A grade of "C" or higher must be earned in all courses in this Major with the exception of the Support Course a grade of "D" is acceptable.