

BS-Biological Sciences-Pre-Pharmacy-Emphasis: Ba/BS BSCI

Core Curriculum Courses

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

Required courses in the major 33

BSC 1406	Introductory Biology I	4
BSC 1407	Introductory Biology II	4
BSC 303	Cell Biology	4
BSC 304	Genetics	4
BSC 305	General Physiology	4
BSC 306	Applied Microbiology	4
BSC 307	Ecology	3
BSC 401	Research Literature and Seminar	3
BSC 412	Fundamentals of Biostatistics	3

Required Support Courses 20

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 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
or PHYS 2425	University Physics I	
PHYS 1402	College Physics II	4
or PHYS 2426	University Physics II	
SOC 1301	Introduction to Sociology *	

Plus 6 sequential sch from:

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

Plus one course from:

HHPH 331	Nutrition *	
or PSY 2301	Introduction to Psychology	

Advanced Courses Required - Choose 25 or 26 sch from below: 25

CHEM 314	General Biochemistry	
BSC 431	Eukaryotic Cell Biology	
BSC 419	Gene Control	
BSC 426	Fundamentals of Human Anatomy	
BSC 427	Pharmacology	
BSC 428	Introductory Medical Microbiology	
BSC 498	Health Professions Internship	
BSC 424	SEA-PHAGES I: Discovery of Bacteriophages	
BSC 493	SEA-PHAGES II: Molecular and Bioinformatics Techniques	

Total Hours

123

* This course should be used to satisfy the Core Curriculum Requirements.

First Year

Fall

Hours

Delete This Text

0

Total Hours: 0