

# Pre-Physical (Therapy Biological Sciences Major)

## 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 301	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
BSC 422	Comp Vertebrate Anatomy	4

### Required support courses

MATH 2312	Pre-Calculus	
BSC 256	Medical Terminology	3
CHEM 101	General Chemistry Tutorial I	1
CHEM 102	General Chemistry Tutorial II	1
CHEM 1311	General and Quantitative Chemistry I *	
CHEM 1111	General and Quantitative Chemistry Laboratory I	1
CHEM 1312	General and Quantitative Chemistry II *	
CHEM 1112	General and Quantitative Chemistry Laboratory II *	
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 one course from:		3-4
MATH 453	Essentials of Statistics	
or PSY 302	Statistics and Research Design I	

### Specialization Area

15 hours of 300 or 400 level biology courses 15

**Total Hours** 121

\* This course can be used to satisfy the Core Curriculum Requirements

If a student elects to take MATH 453, which is a three (3) hour course, they will need to consult with the advisor to ensure that they meet the 120 hour requirement.