SUGGESTED FOUR-YEAR SCHEDULE: 2023-24

B.S. in Biological Science

Accelerated BS-MS Thesis Program

COLLEGE OF Science and Engineering
A&M-COMMERCE

First Year Fall Semester	
*ENG 1301, College Reading & Writing	3
BSC 1406 & 1406L, Introductory Biology I	4
*CHEM 1311, Gen & Quant Chemistry I	3
CHEM 1111, Gen & Quant Chemistry I Lab	1
CHEM 101, Gen & Quant Chemistry I Tutorial	1
*MATH 1314, College Algebra	3
Total Hours	**15**

First Year Spring Semester	
*ENG 1302, Written Argument/Research	3
BSC 1407 & 1407L, Introductory Biology II	4
*CHEM 1312, Gen & Quant Chemistry II	3
CHEM 1112, Gen & Quant Chemistry II Lab	1
CHEM 102, Gen & Quant Chemistry II Tutorial	1
*MATH 2312, Pre-Calculus	3
*Component Area	3
Total Hours	**18**

Second Year Fall Semester	
*HIST 1301, US History to 1877	3
SOC 1301, Introduction to Sociology	3
BSC 303 & 303L, Cell Biology	4
CHEM 2323, Organic Chemistry I	3
CHEM 2123, Organic Chemistry I Lab	1
Total Hours	**14**

Second Year Spring Semester	
*HIST 1302, US History from 1865	3
*Creative Arts	3
BSC 304 & 304L, GLB/Genetics	4
CHEM 2325, Organic Chemistry II	3
CHEM 2125, Organic Chemistry II Lab	1
Total Hours	**14**

Third Year Fall Semester	
*PSCI 2305, U.S. Government & Politics	3
*Language, Philosophy, & Culture	3
PHYS 1401 & 1401L, College Physics I	4
BSC 305 & 305L, General Physiology	4
Advanced BSC Course Elective	3
Total Hours	**17**

Third Year Spring Semester	
*PSCI 2306, Texas Government & Politics	3
PHYS 1402 & 1402L, College Physics II	4
HHPH 331, Nutrition or PSY 2310, Introduction to Psychology	3
BSC 412, Quantitative Biology or MATH 453, Essentials of Statistics	3
BSC 306 & 306L, Applied Microbiology	4
Total Hours	**17**

Fourth Year Fall Semester	
BSC 307, Ecology	3
Advanced BSC Course Elective	4
Advanced BSC Course Elective	3
BSC 489, Independent Study (Research)	3
Graduate Core or Topic Areas 1, 2, or 3	3
Total Hours	**16**

Fourth Year Spring Semester	
BSC 401, Research Literature & Seminar	3
Advanced BSC Course Elective	3
Advanced BSC Course Elective	3
BSC 489, Independent Study (Research)	3
Graduate Core or Topic Areas 1, 2, or 3	3
Total Hours	**15**

Fourth Year Summer I Semester	
Graduate Core or Topic Areas 1, 2, or 3	3
Total Hours	**3**

Fourth Year Summer II Semester	
Graduate Core or Topic Areas 1, 2, or 3	3
Total Hours	**3**

Fifth Year Fall Semester	
BSC 518, Thesis Proposal	3
Graduate Core or Topic Areas 1, 2, or 3	3
Total Hours	**6**

Fifth Year Spring Semester	
Graduate Elective	3
Graduate Elective	3
Total Hours	**6**

Fifth Year Summer I Semester	
Graduate Elective	3
Total Hours	**3**

Fifth Year Summer II Semester	
BSC 518, Thesis Defense	3
Total Hours	**3**

Degree Total	**150**

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

To apply for early admission to JAMP: 27 hours must be completed in the first year. This includes 2 semesters of General Chemistry

The suggested plan shown is subject to change. Please check the current Undergraduate Catalog (catalog.tamuc.edu) for required courses in your program.