

B.S. in Biochemistry (68 credits)

Division of Science

SAMPLE FOUR-YEAR DEGREE PLAN

Biochemistry is one of the five traditional subdisciplines of chemistry and is the study of the chemistry of biology. This degree provides students opportunities to pursue graduate education in biochemistry or to obtain jobs in industry. Qualified Biochemistry majors are eligible for the Enhanced LIFE Scholarship and the Enhanced Palmetto Fellows Scholarship.

Year 1 Fall (15 credits)	
MATH 1064 Algebra and Trigonometry	4
CHEM 1114 General Chemistry I	4
SEMR 2021 Natural Science Cornerstone Seminar	1
SEMR 2323 Foundations for Success	3
ENGL 1003 Freshman Composition I	3
Year 2 Fall (18 credits)	
BIBL 1023 New Testament Survey	3
ENGL 2103 Speech Communication	3
CHEM 2504 Organic Chemistry I	4
BIOL 1114 General Biology--Molecular	4
CPSC 1003 Introduction to Computer Programming I	3
Year 3 Fall (16 credits)	
BIOL 3254 Biochemistry I	4
CHEM 2564 Inorganic Chemistry	4
MATH 2504 Calculus I	4
PHYS 1044 Physics with Algebra I	4
Year 4 Fall (13 credits)	
SEMR 4501 Natural Science Capstone Seminar	1
CHEM 3414 Analytical Chemistry	4
MATH 2514 Calculus II	4
BIOL 3454 Cell & Molecular Biology	4

Year 1 Spring (15 credits)	
BIBL 1013 Old Testament Survey	3
BIOL 1124 General Biology—Organismal	4
CHEM 1124 General Chemistry II	4
ENGL 1013 Freshman Composition II	3
SEMR 2051 Scientific Literacy	1
Year 2 Spring (16 credits)	
CPSC 1103 Introduction to Computers and Information Processing	3
MATH 2203 Introduction to Statistics	3
CHEM 2514 Organic Chemistry II	4
ASTH 2053 Music and Art Appreciation	3
Core Course (History)	3
Year 3 Spring (14 credits)	
BIOL 3264 Biochemistry II	4
PHYS 1054 Physics with Algebra II	4
RELG 2403 Basic Christian Beliefs	3
PSYC 2003 General Psychology	3
Year 4 Spring (15 credits)	
BIOL 3104 Microbiology	4
CHEM 3454 Physical Chemistry I	4
BIOL 3504 Genetics	4
CHEM 4900 Independent Study	3

This sample plan represents one possible pathway through the major. Individual plans may vary, and some courses are not offered every year. To qualify for the STEM Enhancement of the LIFE or Palmetto Fellows Scholarship in Year 2 and beyond, students must complete at least 14 credits of math and science courses in Year 1. Students should plan to take at least one lab course every semester to remain on track for graduation.