

**BIOCHEMISTRY MAJOR
TRADITIONAL TRACK - SUGGESTED 4 YR SCHEDULE**

YEAR 1

FALL

CH 104 GENERAL CHEMISTRY I
 PSY 113 PRINCIPLES OF PSYCHOLOGY
 MA 134 CALCULUS I *

UE 101 UNIVERSITY EXPERIENCE
 ENG 103 ENGLISH COMP I

15 HRS.

SPRING

CH 114 GENERAL CHEMISTRY II
 MA 164 CALCULUS II
 ENG 113/ ENGLISH COMP II OR
 ENG 133 TECHNICAL COMMUNICATIONS
 BIO 114 PRINCIPLES OF BIOLOGY I

15 HRS.

YEAR 2

FALL

CH 204 ORGANIC CHEMISTRY I
 BIO 343 CELL BIOLOGY
 MA 213 CALCULUS III
 PH 224 UNIVERSITY PHYSICS I

ENG 153 INTRODUCTION TO LITERATURE

17 HRS.

SPRING

CH 214 ORGANIC CHEMISTRY II
 3 HRS HUMANITIES ELECTIVE
 PH 234 UNIVERSITY PHYSICS II
 BIO 324 MICROBIOLOGY

CH 202 INTRO TO CHEM LIT AND COM

17 HRS.

YEAR 3

FALL

CH 351 PHYSICAL CHEMISTRY I LAB
 CH 353 PHYSICAL CHEMISTRY I
 CH 234 QUANTITATIVE ANALYSIS
 MA 253 STATISTICS

BIO 414 GENETICS

15 HRS.

SPRING

BIO 454 MOLECULAR BIOLOGY
 BIO 364 TOXICOLOGY
 CH 324 INSTRUMENTAL ANALYSIS
 CH 302 PROFESSIONAL PRACTICE IN SCIENCE

14 HRS.

YEAR 4

FALL

SCI 412 SENIOR RESEARCH SEMINAR
 CH 434 BIOCHEMISTRY I
 3 HRS SOCIAL SCIENCE ELECTIVE
 5 HRS GENERAL ELECTIVE

14 HRS.

SPRING

SCI 422 SENIOR RESEARCH PROJECT
 CH 444 BIOCHEMISTRY II
 4 HRS GENERAL ELECTIVES
 SP 203/ EFFECTIVE SPEAKING OR
 COM 163 INTERPERSONAL COMMUNICATION

13 HRS.

*Students may start in Precalculus instead of Calculus I without changing Chemistry sequence but total number of hours for the degree may increase.

Updated 10/2018