

FOUR YEAR TEMPLATE CHEMISTRY B.S. [BIOCHEMISTRY CONCENTRATION]

FIRST YEAR

First Semester

CHM 121 Chemical Bonding
CHM 123 Lab IA
MAT 211 Calculus I
HIS 105 Historical Foundations of Global Cultures
1 General Education Course

Second Semester

CHM 122 Chemical Dynamics
CHM 124 Lab IIA
BIO 161 Principles of Biology: Cell Structure & Function
HIS 106 Thinking Historically in a Global Age
1 General Education Course

SECOND YEAR

First Semester

CHM 221 Modern Organic Chemistry I
CHM 223 Lab IIIA
PHY 205 Intermediate Physics I
BIO 260 Genetics
1 General Education Course

Second Semester

CHM 222 Modern Organic Chem II
BIO 220 Microbiology
PHY 206 Intermediate Physics II
MAT 212 Calculus II
1 General Education Course

THIRD YEAR

First Semester

CHM 361 Physical Chemistry I
BIO 385 Cell Biology
CHM 301 Biochemistry
2 General Education Courses

Second Semester

CHM 362 Physical Chemistry II
CHM 420 Biochemistry I
CHM 421 Biochemistry Lab
Biology Elective
1 General Education Course

FOURTH YEAR

First Semester

CHM 371 Analytical Chemistry
Biology Elective
Electives
1 General Education Course

Second Semester

CHM 381 Advanced Inorganic
BIO 418 Molecular Biology
Electives