



1742

MORAVIAN COLLEGE

BIOLOGY AND CHEMISTRY DEPARTMENTS

BIOCHEMISTRY MAJOR

Biochem Course Junior Year

Year	Fall Term	Spring Term
Freshman	CHEM 113 General Chemistry (F4) MA 170 Calculus I (F2) BIOL 112 or 119 Zoology/Botany (either fall or spring term) 1 General Ed or Elective Course	CHEM 114 General Chemistry MA 171 Calculus II 2 General Ed or Elective Courses
Sophomore	CHEM 211 Organic Chemistry BIOL 210 Genetics CHEM 220.2 Chemical Research Methods 2 General Ed or Elective Courses	CHEM 212 Organic Chemistry 3 General Ed or Elective Courses
Junior	BIOL /CHEM 327 Biochemistry I PHYS 111 Intro. Physics Any advanced course listed below 1 General Ed or Elective Courses	BIOL /CHEM 328 Biochemistry II PHYS 112 Intro. Physics 2 General Ed or Elective Courses
Senior	CHEM 331 Physical Chemistry 3 General Ed or Elective Courses	BIOL 365 Molecular Genetics BIOL/CHEM 375.2 Biochemistry Seminar 3 General Ed or Elective Courses

Potential
Advanced
Courses

BIOL 235 Microbiology
BIOL 265 Cell Physiology
BIOL 350 Vertebrate Physiology
BIOL 351 Plant Physiology
BIOL 362 Neurobiology
BIOL 381 Independent Study
BIOL 391 Genomics
BIOL 400 Honors

CHEM 222 Quantitative Analysis
CHEM 311 Instrumental Analysis
CHEM 332 Physical Chemistry II
CHEM 341 Inorganic Chemistry
CHEM 314 Bio-organic Chemistry
CHEM 381 Independent Study
CHEM 400 Honors