

MORAVIAN COLLEGE
CHEMISTRY DEPARTMENT

AMERICAN CHEMICAL SOCIETY CERTIFIED CHEMISTRY MAJOR
(suggested course sequence)

Year	Fall Term	Spring Term
Freshman	CHEM 113 General Chemistry MATH 170 Calculus I 2 General Ed or Elective Courses	CHEM 114 General Chemistry MATH 171 Calculus II 2 General Ed or Elective Courses
Sophomore	CHEM 211 Organic Chemistry CHEM 220.2 Research Methods PHYS 111 General Physics 2 General Ed or Elective Courses	CHEM 212 Organic Chemistry CHEM 222 Quantitative Analysis PHYS 112 General Physics 1 General Ed or Elective Course
Junior	CHEM 331 Physical Chemistry CHEM 327 Biochemistry I 2 General Ed or Elective Courses*	CHEM 332 Physical Chemistry CHEM 341 Inorganic Chemistry 2 General Ed or Elective Courses*
Senior	CHEM 311 Instrumental Analysis 3 General Ed or Elective Courses*	CHEM 370.2 Senior Seminar Any advanced course listed below 2 General Ed or Elective Courses*

Potential Advanced
Courses

CHEM 315 Synthetic Org Chem
CHEM 333 Adv. Physical Chem
CHEM 381 Independent Study
CHEM 387 Field Study
CHEM 401 Honors

CHEM 314 Bio-organic Chem
CHEM 313 Physical Org Chem
CHEM 328 Biochemistry II
CHEM 382 Independent Study
CHEM 388 Field Study
CHEM 401 Honors

* May also include advanced chemistry courses