Bachelor of Science in Chemistry
with a Concentration in Biochemistry

Chemistry (CHEM)
General Chemistry lecture and lab □ 211 (3) □ 213 (1) □ 212 (3) □ 214 (1) (satisfies Natural Science requirement)
Organic Chemistry lecture and lab □ 313 (3) □ 315(2) □ 314 (3) □ 318 (2)
Elementary Quantitative Analysis □ 321 (4)
Physical Chemistry lecture and lab □ 331 (3) □ 336 (2)
Bioinorganic Chemistry □ 446 (3)
Biochemistry I and II □ 463 (4) □ 464 (3)
Biochemistry Lab □ 465 (2)

Biology (BIOL)
Cell Structure and Function □ 213 (4)
Biology of Microorganisms □ 305 (3)
Biology of Microorganisms Lab □ 306 (1)

CHEM or BIOL (302-499) Electives □ ___ (9)

Courses from other science/math disciplines may be substituted as electives, subject to prior approval of the undergraduate coordinator.

Mathematics (MATH)
Analytic Geometry and Calculus □ 113 (4) □ 114 (4) (satisfies Quantitative Reasoning requirement)

Physics (PHYS)
College Physics □ 243 (3) □ 245 (3)
College Physics Lab □ 244 (1) □ 246 (1)
-or-
University Physics □ 160 (3) □ 260 (3)
University Physics Lab □ 161 (1) □ 261 (1)

Mason Core (approved courses are listed in the University Catalog)
Written Communication □ ENGH 101 (3) □ ENGH 302 (3)
Oral Communication □ COMM 100 or 101 (3)
Western Civilization/World History □ HIST 100 or 125 (3)
Information Technology □ ___ (3)
Literature □ ___ (3)
Fine Arts □ ___ (3)
Social and Behavioral Sciences □ ___ (3)
Global Understanding □ ___ (3)
Synthesis □ ___ (3)

Electives from any area except PRLS/PHED □ (18)

TOTAL CREDITS REQUIRED: 120 Minimum (of which 45 must be upper-division ≥ 300 level); overall GPA ≥ 2.00; major requirements GPA ≥ 2.30; maximum of two courses of CHEM with a "D" grade. All CHEM prerequisite courses require a grade of C or better. 9/21/16