Bachelor of Arts 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)]

**Mathematics (MATH)**
- Analytic Geometry and Calculus [☐ 113 (4) ☐ 114 (4) (satisfies Quantitative Reasoning requirement)]

**Statistics (STAT)**
- Introductory Statistics [☐ 250 (3)]

**Physics (PHYS)**
- College Physics [☐ 243 (3) ☐ 245 (3)]
- College Physics Lab [☐ 244 (1) ☐ 246 (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)]

**COS Requirements** (approved courses are listed in the University Catalog under Chemistry BA requirements)
- Social and Behavioral Sciences [☐ ___ (3)]
- Philosophy or Religious Studies [☐ ___ (3)]
- Foreign Language Proficiency [☐ ___ (0-12) *]
- Non-Western Culture [☐ ___ (0-3) **]

**Electives** from any area except PRLS/PHED [☐ (7-22)]

* Students who are already proficient in a second language may be eligible for a waiver of this requirement. Additional information on waivers can be found through the COS Office of Academic and Student Affairs.

** 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