## Biochemistry Area of Concentration
For students who start their freshman year in Calculus I

### Fall Semester | Spring Semester
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**Freshman**
- CHEM 1105 General Chemistry (5)  
- CHEM L 1105 General Chemistry Lab (0)  
- REL 1013 Old Testament (3)  
- ENGL 1153 English Comp. (3)  
- GNSC 1201 Cornerstones of Science (1)  
- GNSC 1001 Computing for Science I (1)  
- MATH 2023 Calculus II (3)  
- CHEM 1115 General Chemistry II (5)  
- CHEM L1115 General Chemistry II Lab (0)  
- ENGL 1163 English Comp. (3)  
- MATH 2023 Calculus II (3)  
- Two Courses from Flexible Core (5) *  
- 16 hours  

### JANUARY TERM: Required of all Freshmen

**Sophomore**
- CHEM 3104 Organic Chemistry I (4)  
- CHEM L3104 Organic Chemistry I Lab (0)  
- CHEM 2202 Instrumental Analysis (2)  
- Plant Biology or Physiology (4)  
- PHYS 2515 Univ. Physics I (and lab) (5)  
- PHED 1001 Wellness Lifestyle (1)  
- 16 hours  

**Junior**
- CHEM 3054 Biochemistry (4)  
- CHEM L3054 Biochemistry Lab (0)  
- ENGL/HIST 2013 European Civ. (6)  
- Spanish, French or German I (3)  
- Arts & Western Culture or Arts/Ideas (3)  
- 16 hours  

**Senior**
- BIOL 4014 Genetics (4)  
- BIOL L4014 Genetics Lab (0)  
- CHEM 4114 Physical Chemistry I (4)  
- CHEM L4114 Physical Chemistry I Lab (0)  
- Electives (8)  
- 16 hours  

* At least one Flex Core class must be Communication or Philosophy.  
This 4-year plan is only one example. Please see an academic advisor.