

# Bachelor of Science (B.S.) Major in Biochemistry

Suggested Sequence of Chemistry, Biology, Math and Physics Courses-

**Students NOT placing in Math 118 or higher cannot take General Chemistry until Math 117 is completed with a grade of C- or better. Such students are advised to enroll in General Chemistry in the summer sessions (after meeting the math requirement) in order to complete the major in four years.**

## Freshman Program

### **First Semester**

Chemistry 105 \_\_\_\_\_

Biology 101& 111 \_\_\_\_\_

Math 131 or 161 \_\_\_\_\_

### **Second Semester**

Chemistry 106 \_\_\_\_\_

Biology 102 &112 \_\_\_\_\_

Math 132 or 162 \_\_\_\_\_

## Sophomore Program

### **First Semester**

Chemistry 221 \_\_\_\_\_

Biology 282 \_\_\_\_\_

Physics 111&111L \_\_\_\_\_

### **Second Semester**

Chemistry 222 \_\_\_\_\_

Biology 251 \_\_\_\_\_

Biology 283 \_\_\_\_\_

Physics 112&112L \_\_\_\_\_

## Junior Program

### **First Semester**

Chemistry 212 \_\_\_\_\_

Chemistry 214 \_\_\_\_\_

Chemistry 305 \_\_\_\_\_

Chemistry 370 \_\_\_\_\_

### **Second Semester**

Chemistry 306 \_\_\_\_\_

Chemistry 307 \_\_\_\_\_

Chemistry 371 \_\_\_\_\_

\*Biochemistry Elective \_\_\_\_\_

## Senior Program

### **First Semester**

Chemistry 372 \_\_\_\_\_

\*Biochemistry Elective \_\_\_\_\_

### **Second Semester**

Chemistry 373 \_\_\_\_\_

Chem 300 (Undergraduate Research) and Chemistry 380 (Seminar) are strongly recommended. Credit hours earned in Chemistry 300 and/or Chemistry 380 do not count as elective hours satisfying the BIOC degree requirement.

### **\*Two Biochemistry electives are required:**

One course must be for Chem Electives:

**Chem 365, 385, 386, 387**

and for the other you can choose from Advanced Electives:

**Chem 312, 323, 365, 385, 386, 387, 396**

**Biol 335, 380, 382, 388, 389**