

## Degree Requirements for the B.A. in Chemistry

The B.A. in Chemistry requires at least 120 credit hours, including at least 55 credit hours of chemistry requirements (listed below in a checklist format).

### General Chemistry

| Course           | Semester Taken | Year Taken | Credits |
|------------------|----------------|------------|---------|
| CHEM 121/111     |                |            | 3       |
| CHEM 201/122/112 |                |            | 3       |
| CHEM 123/113     |                |            | 1       |
| CHEM 205/124/114 |                |            | 1       |

### Chemistry Foundation

| Course                 | Semester Taken | Year Taken | Credits |
|------------------------|----------------|------------|---------|
| CHEM 211/319           |                |            | 3       |
| CHEM 301/302 /BIOC 352 |                |            | 3       |
| CHEM 301/302 /BIOC 352 |                |            | 3       |
| CHEM 330               |                |            | 3       |
| CHEM 360               |                |            | 3       |
| BIOC 301               |                |            | 3       |

\*BIOC 201 is a prerequisite for BIOC 301, but the Biosciences Department confirmed that CHEM majors are waived from the BIOC 201 prerequisite. Students need to special register for BIOC 301.

### Mathematics\*

| Course       | Semester Taken | Year Taken | Credits |
|--------------|----------------|------------|---------|
| MATH 101/105 |                |            | 3       |
| MATH 102/106 |                |            | 3       |
| MATH 212/222 |                |            | 3       |

\*The Department of Mathematics may, after consultation with a student concerning his/her previous math preparation, recommend that a student be placed into a higher level math course than that for which the student has received official credit. The Department of Chemistry will accept this waiver of the math classes upon a written confirmation of the waiver from the Department of Mathematics and upon the student's successful completion of the higher level math course. Note: MATH 211 is encouraged for students interested in graduate study.

### Physics

| Course           | Semester Taken | Year Taken | Credits |
|------------------|----------------|------------|---------|
| PHYS 101/111/125 |                |            | 4       |
| PHYS 102/112/126 |                |            | 4       |

### Advanced Laboratories \*Complete 3 of 5\*

| Course   | Semester Taken | Year Taken | Credits |
|----------|----------------|------------|---------|
| CHEM 365 |                |            | 2       |
| CHEM 366 |                |            | 2       |
| CHEM 367 |                |            | 2       |
| CHEM 368 |                |            | 2       |
| BIOC 311 |                |            | 2       |

### Advanced Coursework \*Complete Six (6) Credit Hours\*

Six (6) credit hours of additional advanced coursework in chemistry. For purposes of this requirement, "advanced coursework" includes chemistry courses at the 400-level or higher. CHEM 212 or CHEM 320 or BIOC 302 counts as "advanced coursework" for purposes of this requirement. Courses in other departments with substantial chemistry content may count toward this requirement with approval of the Director of the Undergraduate Program.

| Course | Semester Taken | Year Taken | Credits |
|--------|----------------|------------|---------|
|        |                |            |         |
|        |                |            |         |
|        |                |            |         |
|        |                |            |         |