

## Bachelor of Science in Chemistry (Concentration in Subdiscipline) (BIC)

*A Suggested Sequence of Required Courses (2018-2019 Catalog)*

### F r e s h m a n Y e a r

Fall	Spring
_____ 0 Chapel (CHA 1088)	_____ 0 Chapel (CHA 1088)
_____ 2 BIC 1212 Examined Life I	_____ 4 PHY 1420 Physics I
_____ 3 BIC 1314 World Cultures I	_____ 3 BIC 1324 World Cultures II
_____ 4 BIC 1413 Rhetoric I	_____ 3 BIC 1323 Rhetoric II
_____ 3 MTH 1321 Calculus I	_____ 3 MTH 1322 Calculus II
_____ 4 <b>CHE 1301/1101 Chemistry I</b> (see reverse)	_____ 4 <b>CHE 1302/1102 Chemistry II</b> (see reverse)
Total: 16	Total: 17

### S o p h o m o r e Y e a r

Fall	Spring
_____ 3 BIC 2330 Social World I	_____ 3 BIC 2340 Social World II
_____ 3 BIC 2334 World Cultures III	_____ 3 BIC 2344 World Cultures IV
_____ 4 PHY 1430 Physics II	_____ 3 MTH 2321 Calculus III
_____ 3 <b>CHE 3331 Organic Chemistry I</b>	_____ 2 <b>CHE 3238 Organic Chemistry Lab</b>
_____ 4 <b>CHE 2416 Lab Measurements</b>	_____ 3 <b>CHE 3332 Organic Chemistry II</b>
_____ 1 Lifetime Fitness	_____ 1 Lifetime Fitness
Total: 16	Total: 15

### J u n i o r Y e a r

Fall	Spring
_____ 3-4 Foreign Language 1301/1401	_____ 3-4 Foreign Language 1302/1402
_____ 3 <b>CHE 4321 Physical Chemistry I</b>	_____ 3 BIC 3358 Biblical Heritage/Ethics
_____ 2 <b>CHE 4227 Physical Chem Lab I</b>	_____ 2 <b>CHE 4000 level lab</b>
_____ 3 Elective	_____ 3 <b>CHE 4000 level lecture</b>
_____ 3 Elective	_____ 3 Elective
_____ 1 Lifetime Fitness	
Total: 15-16	Total: 14-15

### S e n i o r Y e a r

Fall	Spring
_____ 3 Foreign Language 2310 (see below/reverse)	_____ 3 Foreign Language 2320 (see below/reverse)
_____ 3 <b>CHE 4000 level lecture</b>	_____ 2 <b>CHE 4000 level lab</b>
_____ 3 <b>CHE 4000 level lecture</b>	_____ 3 <b>CHE 4000 level lecture</b>
_____ 1 <b>CHE 4151 Undergrad Seminar I</b>	_____ 0 <b>CHE 4001 Exit Examination</b>
_____ 3 Elective	_____ 3 Advanced Elective
_____ 3 Advanced Elective	_____ 3-4 Elective (variable due to hours)
Total: 16	Total: 14-15

*All students must graduate with a minimum of 124 hours,  
36 of which must be at the 3000/4000 level.*

- CHE, MTH, and PHY courses in the first two years must not be deferred.
- MTH 2321 must be completed by end of sophomore year.
- PHY 1430 must be complete by end of sophomore year.
- CHE 4321 and 4127 must be taken in fall of junior year. Prerequisites are MTH 2321 and PHY 1430.
- 4000 level chemistry courses, except 4341, are taught only once per year, in the semesters indicated.
- **CHE 4000 Level:** Students must complete a minimum of 15 semester hours of 4000 level chemistry courses, including a minimum of 4 semester hours of laboratory (with the exception of CHE 4327). A maximum of 3 semester hours of CHE 4V98 may count toward this requirement.
- This degree plan is not certified by the American Chemical Society.
- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.
- For more information, see the undergraduate catalog.

\*Because of the number of electives, there is enough room for a minor with this major.