

Bachelor of Science in Biochemistry (BIC)

A Suggested Sequence of Required Courses (2017-2018 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	_____ 3 MTH 1321 Calculus I
_____ 3 BIC 1314 World Cultures I	_____ 3 BIC 1324 World Cultures II
_____ 4 BIC 1413 Rhetoric I	_____ 3 BIC 1323 Rhetoric II
_____ 4 BIO 1305/1105 Modern Concepts Bio	_____ 4 BIO 1306/1106 Modern Concepts Bio
_____ 4 CHE 1301/1101 Chemistry I (see reverse)	_____ 4 CHE 1302/1102 Chemistry II (see reverse)
Total: 17	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
_____ 3 MTH 1322 Calculus II	_____ 4 1420 Physics I
_____ 2 CHE 2216 Lab Measurements/Tech	_____ 2 CHE 3238 Organic Chemistry Lab
_____ 3 CHE 3331 Organic Chemistry I	_____ 3 CHE 3332 Organic Chemistry II
_____ 1 Lifetime Fitness	
Total: 15	Total: 15

J u n i o r Y e a r

Fall	Spring
_____ 4 Foreign Language 1401 (see below/reverse)	_____ 4 Foreign Language 1402 (see below/reverse)
_____ 3 Elective (Variable depending on hours)	_____ 3 BIC 3358 Biblical Heritage/Ethics
	_____ 1 Lifetime Fitness
_____ 4 1430 Physics II	_____ 3 Elective (Variable depending on hours)
_____ 1 CHE 4141 BioChemistry Lab	_____ 1 CHE 4142 Biochemistry Lab II
_____ 3 CHE 4341 Biochemistry I	_____ 3 CHE 4342 Biochemistry II
Total: 15	Total: 15

S e n i o r Y e a r

Fall	Spring
_____ 3 CHE 4327 Phys. Chem for Life Sci.	_____ 0 CHE 4001 Exit Examination
_____ 1 CHE 4151 Undergrad Seminar I	_____ 2 Advanced CHE (4217 or 4237 recommended)
_____ 1 CHE 4125 BioPhys. Chem. Lab	_____ 3 Advanced CHE (4316 is recommended)
_____ 3 Foreign Language 2310	_____ 3 Foreign Language 2320
_____ 4 Advanced BIO Elective (4306/4106 rec)	_____ 4 Advanced BIO Elective
_____ 3 Elective (Variable depending on hours)	_____ 3 Elective (Variable depending on hours)
Total: 15	Total: 15

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

Notes about major requirements:

- CHE courses in the first two years must not be deferred.
- PHY 1409 or 1430 must be completed by the end of the junior year.
- CHE 4327 and 4125 must be taken in the fall of junior year or senior year. Prerequisites are CHE 2216, 4341 or concurrent enrollment, MTH 1322 and PHY 1409 or 1430.
- 4000-level CHE courses, except 4341, are only taught once per year, in the semesters indicated above.
- 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.