

Bachelor of Arts 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 PHY 1408 or 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 PHY 1409 or 1430 Physics II	_____ 3 Elective (Variable depending on hours)
_____ 1 CHE 4141 BioChemistry Lab	_____ 1 CHE 4000-level (or 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 BIC 4374 World Cultures V	_____ 3 BIC 4389 Capstone
_____ 3 CHE 4327 Phys. Chem for Life Sci.	_____ 0 CHE 4001 Exit Examination
_____ 1 CHE 4151 Undergrad Seminar I	_____ 3 Elective (Variable depending on hours)
_____ 1 CHE 4125 BioPhys. Chem. Lab	_____ 3 Elective (Variable depending on hours)
_____ 3 Foreign Language 2310	_____ 3 Foreign Language 2320
_____ 3 Elective (Variable depending on hours)	_____ 3 Elective (Variable depending on hours)
Total: 14	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, except that CHE 2216 may be delayed one semester.
- PHY 1409 or 1430 must be completed by the end of the junior year.
- CHE 4327 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.