

Bachelor of Science in Biochemistry

A Suggested Sequence of Required Courses (2007-2008 Catalog)

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

Fall	Spring
_____ 0 Chapel (CHA 1088)	_____ 0 Chapel (CHA 1088)
_____ 3 ENG 1302 or FAS 1302	_____ 3 REL 1350
_____ 3 REL 1310	_____ 3 MTH 1321
_____ 3 MTH 1304 (<i>MTH 1321 if eligible</i>)	_____ 3-4 Foreign Language 1402/2310 (<i>see below/reverse</i>)
_____ 3-4 Foreign Language 1401/1412 (<i>see below/reverse</i>)	_____ 3 CHE 1302
_____ 3 CHE 1301	_____ 3 CHE 1316
Total: 15-16	Total: 15-16

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

Fall	Spring
_____ 3 ENG 2301	_____ 3 ENG 2304/2306 or GTX
_____ 3 MTH 1322	_____ 3 BIO 1306
_____ 3 BIO1305	_____ 1 BIO 1106
_____ 1 BIO 1105	_____ 1 Human Performance
_____ 3 Foreign Language 2310 (<i>see below/reverse</i>)	_____ 3 Foreign Language 2320 (<i>see below/reverse</i>)
_____ 3 CHE 3331	_____ 3 CHE 3238
	_____ 2 CHE 3332
Total: 16	Total: 16

J u n i o r Y e a r

Fall	Spring
_____ 3 History/Social Science (<i>see reverse</i>)	_____ 3 History/Social Science (<i>see reverse</i>)
_____ 3 PSC 2302	_____ 4 PHY 1430
_____ 4 PHY 1420	_____ 1 Human Performance
_____ 1 Human Performance	_____ 3 Elective (<i>Variable depending on hours</i>)
_____ 3 CHE 4141	_____ 1 CHE 4142
_____ 1 CHE 4341	_____ 3 CHE 4342
Total: 15	Total: 15

S e n i o r Y e a r

Fall	Spring
_____ 3 CHE 4327	_____ 0 CHE 4001
_____ 1 CHE 4151 (or 4152 in spring)	_____ 2 Advanced CHE (4217 or 4237 recommended)
_____ 1 CHE 4125	_____ 3 Advanced CHE (4316 is recommended)
_____ 3 ENG 3300	_____ 3 Advanced BIO Elective
_____ 4 Advanced BIO Elective (4306/4106 is recommended)	_____ 3-4 Advanced Elective (<i>depends on advanced hrs</i>)
_____ 1 Human Performance	_____ 3 Elective (<i>Variable depending on hours</i>)
_____ 3 Elective (<i>Variable depending on hours</i>)	_____ 3 Elective (<i>Variable depending on hours</i>)
Total: 16	Total: 17-18

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

Notes about major requirements:

- Language: A modern foreign language shall be selected to meet the College requirements; Russian and German are recommended. See language options on reverse side - option A only.
- CHE courses in the first two years must not be deferred, except that CHE 1316 may be delayed one semester.
- PHY 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 1316, 4341 or concurrent enrollment, MTH 1322 and PHY 1430.
- 4000-level CHE courses, except 4341, are only taught once per year, in the semesters indicated above.
- It is recommended that science majors take ENG 3300 their junior year rather than ENG 1304. Students may also take ENG 1118, 1128, and 1138 instead of ENG 1304.
- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.
- For more information, see page 77 of the undergraduate catalog.

Please see reverse side for important information on general requirements.

Notes about General Requirements:

- Course selection is subject to availability within each semester.
- Please keep in mind that this is only a suggested sequence. Actual sequence will vary according to possible second major, minor, other program of study (including pre-health) and individual circumstances (ex., transfer credit, dual credit, and credit by exam).
- In order to complete your degree, you must fulfill all requirements in your major and general requirements for the Bachelor of Science.
- To complete a double major, you may not count any courses toward both majors.
- For more specific information on general requirements, see undergraduate catalog pages 62-65.
- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.

History/Social Science (choose 2 courses from the following areas - 6 hours):

- Anthropology, Economics, History, Honors, Philosophy, Political Science, Psychology, Sociology, Geog 1300, FAS 1303, 1304 or 1305, or 3 courses from FAS 1115, 1125, 1135.
- Check your major to determine if special courses are needed.

Foreign Language:

- **Option A:** One modern language through 2320 level:
Arabic, Chinese, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Swahili, Thai
- **Option B:** One classical language through 2320 level or two classical through 1302 level:
Latin, Greek, Hebrew (If available, Akkadian, Aramaic, Syriac, and/or Ugaritic may be used)
*Chemistry majors must take a modern foreign language; German or Russian are strongly recommended.

Math & Science: You must complete a minimum of 34 hours of math and science courses. See page 65 of the undergraduate catalog for a more detailed explanation.

Fine Arts: None required for this degree.