

Bachelor of Arts 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 (see below/reverse)
_____	3-4	Foreign Language 1401/1412 (see below/reverse)	_____ 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	BIO 1305	_____ 1 BIO 1106
_____	1	BIO 1105	_____ 3 Foreign Language 2320 (see below/reverse)
_____	3	Foreign Language 2310 (see below/reverse)	_____ 3 CHE 3332
_____	3	CHE 3331	_____ 2 CHE 3238
Total: 16			Total: 15
J u n i o r Y e a r			
	Fall		Spring
_____	3	ENG 3300 (see below)	_____ 2-3 Fine Art (see below & reverse)
_____	3	Social Science (see reverse)	_____ 3 Social Science (see below & reverse)
_____	3	PSC 2302	_____ 4 PHY 1430 or 1409
_____	4	PHY 1420 or 1408	_____ 1 Human Performance
_____	1	Human Performance	_____ 3 Advanced Elective (variable depending on hours)
_____	3	CHE 4341	_____ 3 CHE 4342
_____	1	CHE 4141	_____ 1 CHE 4000-level (one hour - 4142 recommended)
Total: 18			Total: 17-18
S e n i o r Y e a r			
	Fall		Spring
_____	1	CHE 4151 (or 4152 in spring)	_____ 0 CHE 4001
_____	1	CHE 4125	_____ 2-3 Fine Art (see below & reverse)
_____	3	CHE 4327	_____ 3 Social Science (see below & reverse)
_____	2-3	Fine Art (see below & reverse)	_____ 3 History (see reverse)
_____	3	History (see reverse)	_____ 1 Human Performance
_____	1	Human Performance	_____ 3 Advanced Elective (variable depending on hours)
_____	3	Advanced Elective (variable depending on hours)	_____ 3 Advanced Elective (variable depending on hours)
Total: 14-15			Total: 15-16

*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 or 1409 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 or 1409.
- 4000-level CHE courses, except 4341, are only taught once per year, in the semesters indicated above.
- One Fine Art or Social Science may need to be a 3000-4000 level course to meet the advanced hour requirement.
- 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 Arts.
- 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.

Social Science (One course from 3 areas - 9 hours):

- ANT 1305 or 3301
- ECO 1305 or 2306 or 2307
- FAS 1303 or 1305, or 3 courses from FAS 1115, 1125, 1135
- GEOG 1300
- HONORS 3100 or 3101 or 3200 or 3201 (for Honors Programs only, at least two must be taken)
- PHI 1306 or 1307 or 1308 or 1321 or 3301 or 3310 or 3312 or 3322
- PSC 1305 or 1306
- PSY 1305
- SOC 1305

Fine Arts (One course from 3 areas - 7-9 hours):

- ART 1300 or 2302 or 2303
- CLA 3380
- CSS 1301 or 1302 or 1304
- FDM/JOU 1303
- FAS 1306 or 3 courses from FAS 1116, 1126, 1136
- FCS 3313 or 4313
- MUS 1220 or 3322 or 3323 or 4320
- THEA 1206 or 2374

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)

Math:

- MTH 1301 (Ideas in Math) or MTH 1304* (Pre-cal) or MTH 1321 (Calculus) or STA 1380. *Math 1304 is intended only for students who intend to take 1321.

History (choose 2 courses - 6 hours): HIS 1305, 1306, 1307, 2365, 2366 or FAS 1304

Lab Science (12 hours) Choose one science course from each area - each must include a lab:

**Credit allowed for only one of these courses.*

Area 1	Area 2	Area 3
BIO 1401 General Biology	*CHE 1300/1100 Intro to Chemistry	ENV 1301/1101 Exploring Envir Issues
BIO 1305/1105 Modern Concepts of Bio	*CHE 1301/1100/1316 Basic Prin of Mod Chem I	ENV 1303/1103 Wildlife Ecology
BIO 1306/1106 Modern Concepts of Bio II	CHE 1302/1102/1316 Basic Prin of Mod Chem II	Or any other lab science including:
	*CHE 1405 Chemistry in Society	BIO, CHE, GEO, PHY, and FAS 1407
GEO 1401 Earthquakes & Other Disasters	CHE 1341/1146 Intro to Organic Biochemistry	
GEO 1402 World Oceans		
GEO 1403 Environmental Geology	PHY 1404 Light, Vision, and Optics	
GEO 1405 The Dynamic Earth	PHY 1405 General Physics for BA Students	
GEO 1406 Earth Through Time	PHY 1407 Sound and Acoustics	
GEO 1408 Earth Science	PHY 1408 Gen Physics-Natural & Behav Sci	
	PHY 1420 General Physics I	
NSC 1306/1106 Intro to Neuroscience	PHY 1455 Descriptive Astronomy	