

## Bachelor of Arts in Biology - Pre-Health Care

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

F r e s h m a n Y e a r			
Fall _____ 0 Chapel (CHA 1088) _____ 3 ENG 1302 or FAS 1302 _____ 3 MTH 1304 (if needed) _____ 3 History (see reverse) _____ 3-4 Foreign Language 1401/1412 (see reverse) _____ 4 <b>BIO 1305/1105</b> Total: 16-17	Spring _____ 0 Chapel (CHA 1088) _____ 3 ENG 1304 (see below) _____ 3 MTH 1321 _____ 3 Social Science (see reverse) _____ 3-4 Foreign Language 1402/2310 (see reverse) _____ 4 <b>BIO 1306/1106</b> Total: 16-17		
S u m m e r			
First _____ 4 <b>BIO 2306/2106</b> Total: 4	Second _____ 3 MTH 1322 (if PHY 1430 is taken later) or STA 2381 Total: 3		
S o p h o m o r e Y e a r			
Fall _____ 3 ENG 2301 _____ 3 REL 1310 _____ 3 CHE 1301 _____ 4 PHY 1408/1420 _____ 3 Foreign Language - 2310 (see reverse) _____ 1 Human Performance Total: 17	Spring _____ 3 ENG 2304/2306 or GTX _____ 3 CHE 1302 _____ 3 CHE 1316 _____ 4 PHY 1409/1430 _____ 3 Foreign Language - 2320 (see reverse) _____ 1 Human Performance Total: 17		
J u n i o r Y e a r			
Fall _____ 2-3 Fine Art (see reverse) _____ 3 REL 1350 _____ 3 PSC 2302 _____ 3 CHE 3331 _____ 1 Human Performance _____ 4 <b>BIO 3422</b> Total: 16-17	Spring _____ 2-3 Fine Art (see reverse) _____ 3 Social Science (see reverse) _____ 3 CHE 3332 _____ 2 CHE 3238 _____ 1 Human Performance _____ 3-4 <b>BIO Elective</b> (see below-BIO 4341 suggested) Total: 14-16		
S e n i o r Y e a r			
Fall _____ 4 <b>BIO 3429, 4426, or 4308/4108</b> _____ 4 <b>BIO Elective</b> (see below) _____ 3 Social Science (see reverse) _____ 3 History (see reverse) _____ 3 Advanced Elective* Total: 17	Spring _____ 4 <b>BIO 4307</b> _____ 0 <b>BIO 4001</b> _____ 2-3 Fine Art (see reverse) _____ 3 Advanced Elective* _____ 3 Advanced Elective* _____ 3 Advanced Elective* (Variable depending on hours) 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:

- This program is designed for students with an interest in medicine, dentistry, podiatry, or other health related professions, as well as those anticipating graduate studies in these disciplines.
- BIO 1305-1105 and 1306-1106 are prerequisite to all "2000" and above level courses in biology. Non-biology majors may be admitted to upper-level courses without these prerequisites with consent of instructor and department chair.
- BIO 1401, 1402, 2401, and 2402 cannot be used to satisfy the minimum number of semester hours required for a major in biology.
- BIO Electives: Choose 8 hours of electives. A maximum of 3 hours of Individual Topics may be used for elective credit.
- English requirement: Students are allowed to take either ENG 1304 or FAS 1118, 1128, and 1138. Students majoring in the sciences may take ENG 3300 during their junior year 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 73 in 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	