

Bachelor of Arts in Earth Science (with Environmental Studies)

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 (1321 preferred) _____ 3-4 Foreign Language 1401/1412 (see reverse) _____ 4 GEO 1405 (or 01/02/03/08) _____ 4 ENV 1301/1101 (satisfies Lab Science-Area 3) Total: 17-18	Spring _____ 0 Chapel (CHA 1088) _____ 3 ENG 1304 (see below) _____ 3 REL 1310 _____ 3-4 Foreign Language 1402/2310 _____ 4 GEO 1406 (satisfies Lab Science - Area 1) _____ 3-4 ENV Soc Sci, Ecol, or Poll (see below) Total: 16-18		
S o p h o m o r e Y e a r			
Fall _____ 3 ENG 2301 _____ 4 Lab Science-Area 2 (see reverse) _____ 3 Foreign Language 2310 (see reverse) _____ 4 GEO 3435 _____ 1 ENV Lab (see below) Total: 15	Spring _____ 3 ENG 2304/06 or GTX _____ 3 REL 1350 _____ 3 Foreign Language 2320 (see reverse) _____ 1 Human Performance _____ 4 GEO 3427 _____ 3-4 ENV Soc Sci, Ecol, or Poll (see below) Total: 17-18		
J u n i o r Y e a r			
Fall _____ 3 History (see reverse) _____ 3 Social Science (see reverse) _____ 4 PSC 2302 _____ 1 Human Performance _____ 3 GEO 4385 _____ 3-4 ENV Elective (3000-4000) Total: 17-18	Spring _____ 2-3 Fine Art (see reverse) _____ 3 Social Science (GEOG 1300 suggested) _____ 1 Human Performance _____ 3 GEO 4312 _____ 3 ENV 4345 _____ 3-4 ENV Soc Sci, Ecol, or Poll (see below) Total: 15-17		
S u m m e r			
First _____ 3 Field Course - GEO 3341, 3344, or 4375 Total: 3	Second _____ Total:		
S e n i o r Y e a r			
Fall _____ 3 ENV Research (see below) _____ 3 ENV 3314 _____ 2-3 Fine Art (see reverse) _____ 3 Social Science (see reverse) _____ 3 History (see reverse) _____ 1 Human Performance Total: 15-16	Spring _____ 3 GEO 4314 _____ 3 GEO 4341 _____ 3 ENV 43C1 _____ 3-4 ENV Elective (3000-4000) _____ 2-3 Fine Art (see reverse) Total: 14-16		

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

Notes about major requirements:

- The BA degree is not a professional degree in geology. It may be combined with majors in environmental studies or museum studies or with courses in education for teaching certification.
- Soc Sci/Ecol/Poll (9 hours). Take three (or four) semester hours from each group: Soc Sci (ENV 2376, 3320, 3300, 4310, 4350, 4393); Ecol (ENV 2407, 3306, 4450); Pol (ENV 2375, 3333, 3387, 4344, 4349, or 4370)
- ENV Lab-1 semester hour: ENV 2175, 3106, 3133, 4287, one hour of 2407 (lab), one hour from 4450 (lab)
- ENV Research (min of 3 hours of research, internship, team project, thesis or field studies from): ENV 3301, 3V09, 4V90, 4V93, (4199 & 4299), 4302, 4315, 4332, 4394, 4613, 4680
- ENV 1301, 1101 are offered every term. ENV 2375/2175 and 3333/3133 are on an every other year rotation. ENV 2407 and ENV 3306/3106 are on an every other year rotation. These courses fill the pollution and the ecology requirements so plan ahead.
- Many students take their internship requirement of 3 credits in the summer.
- All senior-level candidates must complete the exit exam.
- 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 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 pages 86 and 93-94 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	