

Bachelor of Science in Geophysics (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 CHE 1301 Chemistry I
_____ 3 BIC 1314 World Cultures I	_____ 3 BIC 1324 World Cultures II
_____ 4 BIC 1413 Rhetoric I	_____ 3 BIC 1323 Rhetoric II
_____ 3 MTH 1321 (if eligible) Calculus I	_____ 3 MTH 1322 Calculus II
_____ 4 GEO 1405 (or 1401, 1402, 1403, or 1408)	_____ 4 GEO 1406 Earth Through Time
Total: 16	Total: 16

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 2311 Linear Algebra	_____ 3 MTH 2321 Calculus III
_____ 4 PHY 1420 Physics I	_____ 4 PHY 1430 Physics II
_____ 1 Lifetime Fitness	_____ 3 GEO 3319 Geophysics
Total: 14	Total: 16

J u n i o r Y e a r

Fall	Spring
_____ 3-4 Foreign Language 1401/1412 (see reverse)	_____ 3-4 Foreign Language 1402/2310 (see reverse)
_____ 4 PHY 2360 Mathematical and Comp. Physics	_____ 3 MTH 3325 Ordinary Diff. Equations
_____ 4 GEO 3427 Rock and Rock-Forming Minerals	_____ 3 PHY 3320 or 3330
_____ 4 GEO 3445 Structural Geology	_____ 3 BIC 3358 Biblical Heritage/Ethics
_____ 1 Lifetime Fitness	_____ 4 GEO 3442 Field Stratigraphy- Sedimentology
Total: 16-17	Total: 16-17

S u m m e r

First	
_____ 6 Field Course Sub GEO 3643 for GEO 4656	
Total: 6	

S e n i o r Y e a r

Fall	Spring
_____ 3 Foreign Language 2310 (see reverse)	_____ 3 Foreign Language 2320
_____ 4 GEO 4457 Geophysical Exploration I	_____ 3 GEO Elective (3000-4000)
_____ 3 GEO Elective (3000-4000)	_____ 4 GEO 4458 Geophysical Exploration II
_____ 4 CSI 1430 Intro. To Comp. Sci. w/ Lab	_____ 3 CSI 3324 Numerical Methods
_____ 3 GEO 4341 or 4346	_____ 3 Math 3326 Partial Diff. Equations
Total: 17	Total: 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:

- Majors are encouraged to take GEO 1405.
- The above sequence assumes student can begin Calculus (MTH 1321) in fall of freshman year. If this is not possible, take Pre-Calculus first.
- GEO or other Area Elective options: Compete two 3000-4000 level courses (min 4 hours) from GEO, CHE, CSI, MTH, or PHY. These courses must be approved by the student's advisor.
- All senior-level candidates must complete the exit exam.
- A grade of "C" or better is required for all courses used for the major.
- 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.