

# Bachelor of Science in Geological Sciences

## Option II: Geophysics

### Undergraduate Catalog 2014-2016

### Suggested Four-Year Degree Plan

**Fall**

taken \_\_\_\_\_ suggested (16 hours)  
 \_\_\_\_\_ GEO 401<sup>1</sup> or 303  
 \_\_\_\_\_ M 408C <sup>1,3</sup>  
 \_\_\_\_\_ CH 301<sup>1</sup>  
 \_\_\_\_\_ RHE 306  
 \_\_\_\_\_ UGS 302 or 303 <sup>2</sup>

**Spring**

taken \_\_\_\_\_ suggested (14 hours)  
 \_\_\_\_\_ PHY 301/101L <sup>4 \*</sup>  
 \_\_\_\_\_ M 408D <sup>3 \*</sup>  
 \_\_\_\_\_ CH 302 <sup>\*</sup>  
 \_\_\_\_\_ GOV 310L (3 hrs)  
 \_\_\_\_\_ Freshman Student Mentor Course

**Summer**

taken \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

taken \_\_\_\_\_ suggested (16 hours)  
 \_\_\_\_\_ GEO 416K <sup>fall \*</sup>  
 \_\_\_\_\_ GEO 416M <sup>\*</sup>  
 \_\_\_\_\_ PHY 316/116L <sup>4 \*</sup>  
 \_\_\_\_\_ M 427K  
 \_\_\_\_\_ Transfer Mentor Course

taken \_\_\_\_\_ suggested (15 hours)  
 \_\_\_\_\_ GEO 420K <sup>spring \*</sup>  
 \_\_\_\_\_ GEO 325J <sup>spring \*</sup>  
 \_\_\_\_\_ PHY 315/115L <sup>\*</sup>  
 \_\_\_\_\_ M 427L

taken \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

taken \_\_\_\_\_ suggested (15 hours)  
 \_\_\_\_\_ GEO 325K <sup>fall\*</sup>  
 \_\_\_\_\_ GEO 465K <sup>fall\*</sup>  
 \_\_\_\_\_ GEO 366M <sup>fall\*</sup>  
 \_\_\_\_\_ Foreign Language – 1<sup>st</sup> sem.

taken \_\_\_\_\_ suggested (14 hours)  
 \_\_\_\_\_ GEO 365P <sup>spring</sup>  
 \_\_\_\_\_ Visual and Performing Arts <sup>5</sup> (3hrs)  
 \_\_\_\_\_ Foreign Language – 2<sup>nd</sup> sem  
 \_\_\_\_\_ E 316 K

taken \_\_\_\_\_ suggested (6 hours)  
 \_\_\_\_\_ GEO (6 hrs)<sup>7</sup> <sup>summer \*</sup>  
 \_\_\_\_\_  
 \_\_\_\_\_

taken \_\_\_\_\_ suggested (13 hours)  
 \_\_\_\_\_ GEO 428 <sup>fall\*</sup>  
 \_\_\_\_\_ GOV 312L <sup>\*</sup> (3 hrs)  
 \_\_\_\_\_ Technical Elective <sup>6</sup> (3 hrs)  
 \_\_\_\_\_ HIS <sup>8</sup> (3 hrs)

taken \_\_\_\_\_ suggested (12 hours)  
 \_\_\_\_\_ GEO 354 <sup>spring</sup>  
 \_\_\_\_\_ Social Science (3 hrs)  
 \_\_\_\_\_ Technical Elective <sup>6</sup> (3 hrs)  
 \_\_\_\_\_ HIS <sup>8</sup> (3 hrs)

taken \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Minimum Number of Hours Required for this Degree: 126**

Core curriculum requires all undergraduates to earn credit for flagged courses in six areas: Writing (two courses; one must be upper division), Quantitative Reasoning, Global Cultures, Cultural Diversity, Ethics and Leadership, and Independent Inquiry. Courses are identified in the Course Schedule.

UD: Must include 12 hours of upper-division courses in residence, outside of geology.

- 1 First Year Interest Group (FIG)
  - 2 First Year Signature Course
  - 3 Math 408K, 408L, and 408M may be taken instead.
  - 4 Physics 303K/103L and 303L/103L may be taken instead.
  - 5 Consult the University Core Curriculum list for allowable courses.
  - 6 Approved Technical Elective list is available in the Student Services Office or on the Intranet in Students/Policies & Forms
  - 7 6 hours chosen from GEO 660A/B, 661A/B, 679GA/GB, 376L, or 348K. May be taken summer of senior year after GEO 428
  - 8 Requires 6 hours of American History, 3 of these hours may be in Texas History; consult the University Core Curriculum list for allowable courses.
  - 9 Consult the University Core Curriculum list for allowable courses.
- \* prerequisite required

fall/spring/summer Indicates that this course is offered in that semester.

When the number of credit hours per semester varies, the smaller number is used in the total.

The courses listed above will meet degree requirements for this degree; however, all students are required to fulfill the University Core Requirements as well as specific JSG degree requirements for graduation. Therefore, additional courses may be required. Students are responsible for checking with their academic advisor to ensure they are synchronized with their audit.