

**Bachelor of Science in Geological Sciences**  
**Option IV: Environmental Science and Sustainability**  
**Undergraduate Catalog 2010-2012**  
**Suggested Four-Year Degree Plan**

**Fall (13 hours)**

Geology 303 or 401  
 UG Studies 302 or 303 <sup>1</sup>  
 Math 408C <sup>2</sup>  
 Chemistry 301

**Spring (16 hours)**

Geology 404C or 405  
 Math 408D <sup>2</sup>  
 Chemistry 302  
 Chemistry 204  
 Rhetoric 306

**Summer****Fall (15 hours)**

Geology 416K  
 Geology 416M  
 Physics 303K/103M <sup>3</sup>  
 Biology 311C

**Spring (14 hours)**

Geology 420K  
 Geology 346C  
 Physics 303L/103N <sup>3</sup>  
 Biology 311D

**Summer****Fall (16 hours)**

Geology 428  
 English 316K  
 Government 310L  
 Elective (3 hrs)  
 Elective (3 hrs)

**Spring (15 hours)**

Biology 325  
 Sustainability and Policy (3 hrs) <sup>4</sup>  
 Visual and Performing Arts (3 hrs) <sup>5</sup>  
 Elective (UD) (3 hrs)  
 Elective (3 hrs)

**Summer (6 hours)**

Geology 660A and 660B <sup>6</sup>

**Fall (16 hours)**

Geology 422K  
 Bio 373  
 Water and Climate (3 hrs) <sup>7</sup>  
 History <sup>8</sup>  
 Government 312L

**Spring (15 hours)**

Geology 327G or Geography 360G  
 Biology 373L  
 History <sup>8</sup>  
 Social Science (3 hrs) <sup>9</sup>  
 Elective (UD) (3 hrs)

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

Substantial Writing Component: Two courses (one must be upper division) are required. Courses are identified in the Course Schedule with a W after the title.

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

Many GEO courses are offered in fall or spring only.

<sup>1</sup> First Year Signature Course.

<sup>2</sup> Math 408K, 408L, and 408M may be taken instead.

<sup>3</sup> Physics 301/101L and 316/116L may be taken instead.

<sup>4</sup> Chosen from Geology 341 or Biology 359, 375, or 478T.

<sup>5</sup> Courses in Architecture, Classics, Fine Arts, or Philosophy; consult the University Core Curriculum list for allowable courses.

<sup>6</sup> Geology 476K and 376L may be taken instead.

<sup>7</sup> Chosen from Geology 371C, 376E, 376S, 377P, 476M, or Geography 366K.

<sup>8</sup> Requires 6 hours of American History, 3 of these hours may be in Texas History; consult the University Core Curriculum list for allowable courses.

<sup>9</sup> Includes 3 hours Anthropology, Economics, Geography, Linguistics, Psychology, or Sociology; consult the University Core Curriculum list for allowable courses.

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 for graduation. Therefore, additional courses may be required. Check with your academic advisor