

**Bachelor of Science in Geological Sciences  
Option V: Teaching, Senior Grades  
Undergraduate Catalog 2012-2014  
Suggested Four-Year Degree Plan**

<u><b>Fall</b></u>		<u><b>Spring</b></u>		<u><b>Summer</b></u>	
<u>taken</u>	<u>suggested (14 hours)</u>	<u>taken</u>	<u>suggested (14 hours)</u>	<u>taken</u>	<u>suggested (6 hours)</u>
_____	GEO 401 <sup>1</sup> or 303	_____	GEO 404C <sup>spring</sup> * or 405 <sup>fall</sup> *	_____	
_____	M 408C <sup>1,3</sup>	_____	CH 302 <sup>4*</sup>	_____	
_____	CH 301 <sup>1</sup>	_____	UTS 110 (Step 2)*	_____	
_____	UTS 101 (Step 1)	_____	BIO 311C	_____	
_____	UG Studies 302 or 303 <sup>2</sup>	_____	RHE 306	_____	
		_____	Freshman Student Mentor Course		
<u>taken</u>	<u>suggested (14 hours)</u>	<u>taken</u>	<u>suggested (16 hours)</u>	<u>taken</u>	<u>suggested (6 hours)</u>
_____	GEO 416K <sup>fall</sup> *	_____	GEO 420K <sup>spring</sup> or 320L <sup>summer</sup> *	_____	GOV 310L <sup>*</sup> (3 hrs)
_____	GEO 416M <sup>*</sup>	_____	HIS 329U or PHL329U	_____	E 316K <sup>*</sup>
_____	BIO 311 D*	_____	PHY 303K/103M <sup>6*</sup>	_____	
_____	EDC 365C* or UTS 350	_____	Social Science <sup>7</sup> (3 hr)	_____	
_____	Transfer Mentor Course	_____	EDC 365D* or UTS 355	_____	
<u>taken</u>	<u>suggested (16 hours)</u>	<u>taken</u>	<u>suggested (12 hours)</u>	<u>taken</u>	
_____	GEO Elective (UD) (4 hrs) <sup>8</sup>	_____	GEO Elective (UD) (3 hrs) <sup>7</sup>	_____	
_____	GOV 312L* (3 hrs)	_____	MNS 307 or GEO 307	_____	
_____	PHY 303L/103N <sup>6*</sup>	_____	Science Elective <sup>7</sup> (UD) (3 hrs)	_____	
_____	Science Elective <sup>7</sup> (3 hrs)	_____	GEO 335* <sup>spring</sup>	_____	
_____	BIO337, CHEM337, or PHY337*	_____	HIS (3 hrs) <sup>5</sup>	_____	
<u>taken</u>	<u>suggested (15 hours)</u>	<u>taken</u>	<u>suggested (7 hours)</u>	<u>taken</u>	
_____	Visual and Performing Arts (3 hrs) <sup>9</sup>	_____	EDC 650S*	_____	
_____	GEO Elective (UD) (3 hrs)	_____	UTS 170*	_____	
_____	EDC 365E*	_____		_____	
_____	HIS (3 hrs) <sup>5</sup>			_____	
_____	AST 303 or 307 or 367M			_____	

**Minimum Number of Hours Required for this Degree: 128**

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.

- <sup>1</sup> First Year Interest Group (FIG)
- <sup>2</sup> First Year Signature Course
- <sup>3</sup> Math 408K, 408L, and 408M may be taken instead.
- <sup>4</sup> Step 1 and Step 2 are offered as an accelerated summer class instead
- <sup>5</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>6</sup> Physics 301/101L and 316/116L or Physics 302K/102M and 302L/102N or an equivalent sequence may be taken instead.
- <sup>7</sup> Consult the University Core Curriculum list for allowable courses.  
A total of 12 semester hours in one of the following areas: BIOLOGY, CHEMISTRY, or PHYSICS.
- <sup>8</sup> Must include enough upper-division Geology to reach a minimum of 28 hours of Geology, 12 upper division.
- <sup>9</sup> Consult the University Core Curriculum list for allowable courses.

\* prerequisite required

fall/spring/summer Indicates that this course is normally offered 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.