

# Suggested Arrangement of Courses, Geological Sciences (BSGeoSci)

## Option V: Teaching, Senior Grades

First Year					
First Term	Hours	Second Term	Hours	Summer Term	Hours
GEO 401 or 303 (Major)		4 GEO 405 (Major)		4 (None)	
M 408C (General Education) <sup>020</sup>		4 BIO 311C (Elective) <sup>093</sup>		3	
CH 301 (Elective) <sup>030</sup>		3 CH 302 (Elective) <sup>030</sup>		3	
UTS 101 (Major)		1 UTS 110 (Major)		1	
UGS 302 or 303 (Core) <sup>090</sup>		3 Humanities (Core) <sup>040</sup>		3	
RHE 306 (Core) <sup>010</sup>		3 American and Texas Government (Core) <sup>070</sup>		3	
		<b>18</b>			<b>0</b>
Second Year					
First Term	Hours	Second Term	Hours	Summer Term	Hours
GEO 416K (Major)		4 GEO 420K (Major)		4 (None)	
GEO 416M (Major)		4 HIS 329U or PHL 329U (General Education)		3	
BIO 311D (Elective)		3 EDC 365C or UTS 350 (Major)		3	
Science elective (Elective)		3 Upper-division GEO course (Major)		4	
U.S. History (Core) <sup>060</sup>		3 U.S. History (Core) <sup>060</sup>		3	
		<b>17</b>			<b>0</b>
Third Year					
First Term	Hours	Second Term	Hours	Summer Term	Hours
PHY 303L (General Education)		3 EDC 365E or UTS 360 (Elective)		3 (None)	
PHY 103N (General Education)		1 PHY 303K (General Education)		3	
EDC 365D or UTS 355 (Major)		3 PHY 103M (General Education)		1	
BIO 337 (Topic 2), CH 368 (Topic 1), or PHY 341 (Topic 7) (Major)		3 American and Texas Government (Core) <sup>070</sup>		3	
Upper-division GEO course (Major)		4 Upper-division GEO course (Major)		4	
Social and Behavioral Sciences (Core) <sup>080</sup>		3 Free elective (Elective)		3	
		<b>17</b>			<b>0</b>
Fourth Year					
First Term	Hours	Second Term	Hours	Summer Term	Hours
MNS 307 (Elective)		3 EDC 651S (Elective)		6 (None)	
AST 303, 307, or 367M (Elective)		3 UTS 170 (Elective)		1	
Visual and Performing Arts (Core) <sup>050</sup>		3			
Upper-division Science elective (Elective)		4			
Upper-division Science elective (Elective)		3			
		<b>16</b>			<b>0</b>
<b>Total credit hours: 126</b>					

## Option V: Teaching, Middle Grades

First Year					
First Term	Hours	Second Term	Hours	Summer Term	Hours
GEO 401 or 303 (Major)		4 GEO 405 (Major)		4 (None)	
M 408C (General Education) <sup>020</sup>		4 BIO 311C (Elective) <sup>093</sup>		3	
CH 301 (Elective) <sup>030</sup>		3 CH 302 (Elective) <sup>030</sup>		3	
UTS 101 (Major)		1 UTS 110 (Major)		1	
UGS 302 or 303 (Core) <sup>090</sup>		3 Humanities (Core) <sup>040</sup>		3	
RHE 306 (Core) <sup>010</sup>		3 American and Texas Government (Core) <sup>070</sup>		3	
		<b>18</b>			<b>0</b>
Second Year					
First Term	Hours	Second Term	Hours	Summer Term	Hours
GEO 416K (Major)		4 GEO 420K (Major)		4 (None)	
GEO 416M (Major)		4 EDC 365C or UTS 350 (Major)		3	
BIO 311D (Elective)		3 HIS 329U or PHL 329U (General Education)		3	
EDP 350G or PSY 301 and PSY 304 (Elective)		3-6 Upper-division GEO course (Major)		4	
U.S. History (Core) <sup>060</sup>		3 U.S. History (Core)		3	
		<b>17-20</b>			<b>0</b>
Third Year					
First Term	Hours	Second Term	Hours	Summer Term	Hours
EDC 365D or UTS 355 (Major)		3 EDC 365E or UTS 360 (Elective)		3 (None)	
PHY 303L (General Education)		3 EDC 339E (Elective)		3	
PHY 103N (General Education)		1 PHY 303K (General Education)		3	
BIO 377 (Topic 2), CH 368 (Topic 1), or PHY 341 (Topic 7) (Major)		3 PHY 103M (General Education)		1	
Upper-division GEO course (Major)		4 Upper-division GEO course (Major)		4	
Social and Behavioral Sciences (Core) <sup>080</sup>		3 American and Texas Government (Core) <sup>070</sup>		3	
		<b>17</b>			<b>0</b>
Fourth Year					
First Term	Hours	Second Term	Hours	Summer Term	Hours
MNS 307 (Elective)		3 EDC 651S (Elective)		6 (None)	
AST 303, 307, or 367M (Elective)		3 UTS 170 (Major)		1	
Upper-division Science elective (Elective)		4			
Upper-division Science elective (Elective)		3			
Visual and Performing Arts (Core) <sup>050</sup>		3			
		<b>16</b>			<b>0</b>
<b>Total credit hours: 126-129</b>					

Four-year degree suggestion (for planning purposes only).

Currently enrolled students should meet with their academic advisor.

*Course categories:* Core, General Education, Major, Elective, Opportunity

*Core Component Areas:* <sup>010</sup> English Composition and Core Writing  
Flag; <sup>020</sup> Mathematics; <sup>030</sup> Natural Science and Technology,  
Part I; <sup>040</sup> Humanities; <sup>050</sup> Visual and Performing Arts; <sup>060</sup> U.S.  
History; <sup>070</sup> American and Texas Government; <sup>080</sup> Social and Behavioral  
Sciences; <sup>090</sup> First-Year Signature Course; <sup>093</sup> Natural Science and  
Technology, Part II

*Skills and Experience Flags:* <sup>WR</sup> Writing; <sup>QR</sup> Quantitative  
Reasoning; <sup>GC</sup> Global Cultures; <sup>CD</sup> Cultural  
Diversity; <sup>E</sup> Ethics; <sup>II</sup> Independent Inquiry

[Undergraduate Degree Program listing](#)