BACHELOR OF SCIENCE, MAJOR IN GEOLOGY

Bachero f Science, Major in Geology Core Curriculum (http://catalog.shsu-du/undergraduate/academic-policies-procedures/degree-requirements-academic-golidelines/corecurriculum/) Component Area II (Mathematics)¹ 3 Component Area III (Mathematics)¹ 3 Component Area III (Life and Physical Science) ²² 3 Component Area III (Life and Physical Science) ²² 3 Component Area V (Creative Ats) 3 Component Area V (Creative Ats) 3 Component Area V (Creative Ats) 6 Component Area V (IDICital Science)²Government) 6 Component Area VI (Dictical Science)²Government) 6 Component Area VI (Corpional Sciences) 3 Component Area VI (Corpional Sciences) 3 Component Area VI (Corpional Sciences) 3 Component Area III (Social and Behavioral Sciences) 3 Component Area III (Social and Behavioral Sciences) 3 Component Area III (Social and Behavioral Sciences) 4 A CHEM 1412 and General Chemistry II² 8 ACHEM 1412 and General Chemistry II² 8 MATH 1420 Calculus II¹ 8	Code	Title	Hours
curriculum/) 6 Component Area II (Mathematics)¹ 6 Component Area III (Mathematics)¹ 8 Component Area III (Life and Physical Science)²³³ 8 Component Area VI (Language, Philosoph, and Culture) 3 Component Area VI (Cus. History)¹ 6 Component Area VI (II (Political Science/Government) 6 Component Area VI (II (Political Science/Government) 4 Component Area VI (Component Area Option)¹ 4 Degree Specific Requirement 4 LIFE ARIA (ACMINICAL) 4 Degree Specific Requirement 8 CHEM 1412 and General Chemistry I¹ ACHEM 1412 and General Chemistry I¹ ACHEM 1412 and General Chemistry I¹ ACHEM 1412 and General Chemistry I¹ ACHI 1412 and General Chemistry I¹ ACHI 1412 and General Chemistry I¹ ACHI 1412 and General Chemistry I¹ </td <td>Bachelor of Science, Major in Ge</td> <td>eology</td> <td></td>	Bachelor of Science, Major in Ge	eology	
Component Area III (Life and Physical Science) ^{2.3} .8 Component Area IV (Language, Philosophy, and Culture) .3 Component Area V (Creative Arts) .3 Component Area V (Creative Arts) .6 Component Area VI (Creative Arts) .6 Component Area VII (Social and Behavioral Sciences) .3 Component Area IX (Component Area Option) ¹ .4 Component Area IX (Component Area Option) ¹ .8 Cheff II 11 .6 Scheman .6 Component Area IX (Component Area Option) ¹ .8 & Component Area IX (Component Area Option) ¹ .8 & Component Area IX (Component Area Option) ¹ .8 & Component Area IX (Component Area Option) ¹ .8 & Component Area IX (Component Area Option) ¹ .8 & Component Area IX (Component Area Option) ¹ .8 & Component Area IX (Component IX	-	shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-	
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Component Area IV (Language, Philosophy, and Culture) 3 Component Area VI (Creative Arts) 6 Component Area VII (Creative Arts) 6 Component Area VII (Political Science) (Sovernment) 6 Component Area VIII (Social and Behavioral Sciences) 3 Component Area VIII (Social and Behavioral Sciences) 3 Component Area Vity (Component Area Option) 1 4 Degree Specific Requirements CHEM 1411 6 SCHEM 1412 6 Calculus I 7 8 MATH 1420 Calculus I MATH 1430 and Calculus II 1 or MATH 3379 Statistical Mhods in Practice PHYS 1301 General Phy-Mechanics & Heat 8 PHYS 1102 and General Phy-Sind Laboratory I 8 PHYS 1103 and General Phy-Sind Laboratory II Major Security II Major	Component Area II (Mathematic	s) ¹	3
Component Area VI (Creative Arts) 3 Component Area VI (USL Sitstory) 6 Component Area VII (Oscial science/Government) 6 Component Area VII (Social and Behavioral Sciences) 3 Component Area IX (Component Area Option) ¹ 4 Begree Specific Requirement 6 CHEM 1411 General Chemistry II ² 8 & CHEM 1412 and General Chemistry II ² 8 & MATH 1420 Calculus II ¹ 7 & MATH 1430 and Calculus II ¹ 7 or MATH 3379 Statistical Mithods in Practice 8 PHYS 1301 and General Phy-Mechanics & Heat 8 & PHYS 1102 and General Phy-Mechanics & Heat 8 & PHYS 1102 and General Physics Laboratory I 8 & PHYS 1302 and General Physics Laboratory II ³ 9 & PHYS 1302 and General Physics Laboratory II ³ 9 & PHYS 1302 and General Physics Laboratory II ³ 1 & CEOL 1403 Geologic & Environmental Hazards 1 GEOL 1403 Microical Geology 8	Component Area III (Life and Phy	ysical Science) ^{2,3}	8
Component Area VI (U.S. History) 6 Component Area VII (Political Science/Government) 6 Component Area VII (Scoial and Behavioral Sciences) 3 Component Area IX (Component Area Option)¹ 4 Degree Specific Requirements CHEM 1411 General Chemistry I KCHEM 1412 and General Chemistry II² MATH 1420 Calculus II¹ & MATH 1430 and Calculus II¹ or MATH 3379 Statistical Mthods in Practice PHYS 1301 General Phy-Mechanics & Heat & PHYS 1102 and General Physics Laboratory I & PHYS 1302 and General Physics Laboratory I & PHYS 1302 and General Physics Laboratory II & GEOL 1403 and Field Methods GEOL 1404 Mineralogy	Component Area IV (Language, I	Philosophy, and Culture)	3
Component Area VIII (Social and Behavioral Sciences) 3 Component Area VIII (Social and Behavioral Sciences) 3 Component Area VII (Component Area Option) 1 4 Degree Specific Requirements 4 CHEM 1411 General Chemistry I 8 & CHEM 1412 and General Chemistry II 2 7 MATH 1420 Calculus I 7 & MATH 1430 and Calculus II 1 7 or MATH 3379 Statistical Mthods in Practice 7 PHYS 1301 and General Phy-Mechanics & Heat 8 & PHYS 1102 and General Physics Laboratory I 8 & PHYS 1102 and General Physics Laboratory II 8 PHYS 1302 and General Physics Laboratory II 9 & PHYS 1302 and General Physics Laboratory II 9 & PHYS 1302 and General Physics Laboratory II 9 & PHYS 1302 and General Physics Laboratory II 4 & CEOL 1403 Physical Geology 7 & GEOL 1403 Physical Geology 7 & GEOL 3404 Mineralogy 8	Component Area V (Creative Art	s)	3
Component Area VIII (Social and Behavioral Sciences) 3 Component Area (X (Component Area Option) ¹ 4 Degree Specific Requirements CHEM 1411 General Chemistry II² MATH 1420 Calculus I MATH 1430 and Calculus II¹ or MATH 3379 Statistical Mthods in Practice PHYS 1301 General Phy-Mechanics & Heat & PHYS 1302 and General Physics Laboratory I & PHYS 1102 and General Phys-McLapht, Elec, & Mag & PHYS 1102 and General Physics Laboratory I & PHYS 1102 and General Physics Laboratory II² Major. Foundation 4 GEOL 1403 Physical Geology 4 or GEOL 1405 Geologic & Environmental Hazards 4 GEOL 3404 Historical Geology 8 & GEOL 3404 Mineralogy 8 & GEOL 3404 Geochemistry 3 GEOL 4400 Stratigraphy & Sedimentation 14 & GEOL 4400 Altricular Geology 3 & GEOL 4426 Hydrogeology 6 & GEOL 4426	Component Area VI (U.S. History	y)	6
Component Area IX (Component Area Option) ¹ 4 Degree Specific Requirements CHEM 1411 and General Chemistry II ² MATH 1420 Calculus I and General Chemistry II ² MATH 1430 Calculus I and Calculus II ¹ or MATH 3379 Statiscial Mithods in Practice PHYS 1301 General Phy-Mechanics & Heat & B PHYS 1102 & PHYS 1102 and General Physics Laboratory II ³ A phys 1102 A phys 1102 A physical Geology A physical Geology A geologic & Environmental Hazards GEOL 1403 A geologic & Environmental Hazards GEOL 3404 Mistorical Geology A geologic & Environmental Hazards GEOL 3404 Mistorical Geology A geologic & Environmental Hazards GEOL 3404 Mistorical Geology A geologic & Environmental Hazards GEOL 3404 Mistorical Geology A geological Mistorical G	Component Area VII (Political So	cience/Government)	6
Degree Specific Requirements CHEM 1411 General Chemistry I 8 CHEM 1412 and General Chemistry II 7 MATH 1420 Calculus II 7-8 & MATH 1430 and Calculus III 7-8 MATH 3379 Statistical Mthods in Practice	Component Area VIII (Social and	d Behavioral Sciences)	3
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& CHEM 1412 and General Chemistry II ² MATH 1420 Calculus I 78 & MATH 1430 and Calculus II ¹ 78 or MATH 3379 Statistical Mthods in Practice 8 PHYS 1301 General Phy-Mechanics & Heat 8 & PHYS 1102 and General Physics Laboratory II ³ 8 PHYS 1102 and General Physics Laboratory II ³ ** Major: Foundation ** EGOL 1403 Physical Geology 4 or GEOL 1405 Geologic & Environmental Hazards 7 GEOL 1404 Historical Geology 7 & GEOL 3301 and Field Methods 8 GEOL 3404 Mineralogy 8 & GEOL 3404 Geochemistry 3 GEOL 4400 Stratigraphy & Sedimentation 14 & GEOL 4402 and Structural Geology 34 & GEOL 4361 and Field Geology & GEOL 4426 Hydrogeology 34 & GEOL 4426 Petroleum Geology 34	Degree Specific Requirements		
MATH 1420 Calculus II and Calculus II 1 or MATH 3379 Statistical Mthods in Practice PHYS 1301 General Phy-Mechanics & Heat and General Physics Laboratory I and General Physics Laboratory I and General Physics Laboratory II and General P			8
& MATH 1430 and Calculus II 1 or MATH 3379 Statistical Mthods in Practice PHYS 1301 General Phy-Mechanics & Heat 8 & PHYS 1101 and General Physics Laboratory II 8 & PHYS 1302 and Gen Phy-Snd,Lght, Elec, & Mag 8 & PHYS 1102 and General Physics Laboratory II 3 8 Major Foundation GEOL 1403 Physical Geology 4 or GEOL 1405 Geologic & Environmental Hazards 7 GEOL 1404 Historical Geology 7 & GEOL 3301 and Field Methods 8 GEOL 3404 Mineralogy 8 & GEOL 3405 and Petrology 8 GEOL 4304 Geochemistry 3 GEOL 4400 Stratigraphy & Sedimentation 14 & GEOL 4400 and Field Geology & GEOL 4360 and Field Geology & GEOL 4426 Hydrogeology 3-4 or GEOL 4320 Petroleum Geology Major Prescribed Electives GEOL Advanced Electives 10			
or MATH 3379 Statistical Mthods in Practice PHYS 1301 General Phy-Mechanics & Heat 8 PHYS 1101 and General Physics Laboratory I 8 PHYS 1302 8 PHYS 1102 and Gen Phy-Snd,Lght, Elec, & Mag 8 PHYS 1102 Major: Foundation GEOL 1403 Physical Geology Geologic & Environmental Hazards GEOL 1405 Geologic & Environmental Hazards GEOL 1404 Historical Geology 6 GEOL 3301 And Field Methods GEOL 3404 Mineralogy 8 GEOL 3405 And Petrology GEOL 4304 Geochemistry GEOL 4400 Stratigraphy & Sedimentation 14 8 GEOL 4402 And Structural Geology 8 GEOL 4360 And Field Geology 8 GEOL 4361 And Field Geology 8 GEOL 4362 And Field Geology 8 GEOL 4364 BEOL 4426 And Field Geology 8 GEOL 4320 Petroleum Geology Major: Prescribed Electives GEOL Advanced Electives GEOL Advanced Electives Minor (Advanced) Minor (Advanced) 6 Minor 10 Minor 11 12			7-8
PHYS 1301 General Phy-Mechanics & Heat 8 & PHYS 1101 and General Physics Laboratory I 8 & PHYS 1302 and Gen Phy-Snd,Lght, Elec, & Mag 8 & PHYS 1102 and General Physics Laboratory II 3 Major. Foundation GEOL 1403 Physical Geology 4 or GEOL 1405 Geologic & Environmental Hazards 7 GEOL 3301 and Field Methods 7 GEOL 3301 and Field Methods 8 GEOL 3404 Mineralogy 8 & GEOL 3405 and Petrology 8 GEOL 4304 Geochemistry 3 GEOL 4400 Stratigraphy & Sedimentation 14 & GEOL 4402 and Structural Geology 4 & GEOL 4350 and Field Geology & GEOL 426 Hydrogeology 3-4 or GEOL 4226 Petroleum Geology Major. Prescribed Electives 10 Minor. Required ⁴ 6 Minor (Advanced) 6 Minor 6			
& PHYS 1101 and General Physics Laboratory I & PHYS 1302 and Gene Phy-Snd,Lght, Elec, & Mag & PHYS 1102 and General Physics Laboratory II Major. Foundation GEOL 1403 Physical Geology 4 or GEOL 1405 Geologic & Environmental Hazards GEOL 1404 Historical Geology 7 & GEOL 3301 and Field Methods 7 GEOL 3404 Mineralogy 8 & GEOL 3405 and Petrology 8 GEOL 4304 Geochemistry 3 GEOL 4400 Stratigraphy & Sedimentation 14 & GEOL 4402 and Structural Geology 8 GEOL 4360 and Field Geology 3 & GEOL 4426 Hydrogeology 3 & GEOL 4426 Hydrogeology 3 & GEOL Advanced Electives Ferscribed Electives 5 GEOL Advanced Electives 10 Minor, Required 4 Minor (Advanced)			
& PHYS 1302 and Gen Phy-Snd,Lght, Elec, & Mag and General Physics Laboratory II 3 Major: Foundation GEOL 1403 Physical Geology 4 or GEOL 1405 Geologic & Environmental Hazards			8
Rephys 1102 and General Physics Laboratory II ³ Major. Foundation GEOL 1403 Physical Geology 4 or GEOL 1405 Geologic & Environmental Hazards GEOL 1404 Historical Geology 7 & GEOL 3301 and Field Methods 8 GEOL 3404 Mineralogy 8 & GEOL 3405 and Petrology 3 GEOL 4304 Geochemistry 3 GEOL 4400 Stratigraphy & Sedimentation 14 & GEOL 4402 and Structural Geology & GEOL 4361 and Field Geology & GEOL 4362 Hydrogeology 3-4 or GEOL 4320 Petroleum Geology Major: Prescribed Electives GEOL Advanced Electives Minor: Required ⁴ Minor (Advanced) 6 Minor (Advanced) 6			
GEOL 1403 Physical Geology 4 or GEOL 1405 Geologic & Environmental Hazards GEOL 1404 Historical Geology 7 & GEOL 3301 and Field Methods 8 GEOL 3404 Mineralogy 8 & GEOL 3405 and Petrology 8 GEOL 4304 Geochemistry 3 GEOL 4400 Stratigraphy & Sedimentation 14 & GEOL 4402 and Structural Geology & GEOL 4360 and Field Geology & GEOL 4361 and Field Geology & GEOL 4426 Hydrogeology 3-4 or GEOL 4320 Petroleum Geology Major: Prescribed Electives GEOL Advanced Electives 10 Minor: Required ⁴ Minor (Advanced) 6 Minor 12		· · · · · · · · · · · · · · · · · · ·	
or GEOL 1405 Geologic & Environmental Hazards GEOL 1404 Historical Geology & GEOL 3301 and Field Methods GEOL 3404 Mineralogy & GEOL 3405 and Petrology GEOL 4304 Geochemistry GEOL 4400 Stratigraphy & Sedimentation 14 & GEOL 4402 and Structural Geology & GEOL 4360 and Field Geology & GEOL 4361 and Field Geology GEOL 4426 Hydrogeology Or GEOL 4320 Petroleum Geology Major: Prescribed Electives GEOL Advanced Electives GEOL Advanced Selectives Minor (Advanced) Minor 6 Minor	Major: Foundation		
GEOL 1404 Historical Geology 7 & GEOL 3301 and Field Methods GEOL 3404 Mineralogy 8 & GEOL 3405 and Petrology GEOL 4304 Geochemistry 3 GEOL 4400 Stratigraphy & Sedimentation 14 & GEOL 4402 and Structural Geology 4 & GEOL 4360 and Field Geology & GEOL 4361 and Field Geology GEOL 4426 Hydrogeology 3-4 or GEOL 4320 Petroleum Geology Major: Prescribed Electives GEOL Advanced Electives 10 Minor: Required ⁴ Minor (Advanced) 6 Minor 12	GEOL 1403	Physical Geology	4
& GEOL 3301 and Field Methods GEOL 3404 Mineralogy 8 & GEOL 3405 and Petrology GEOL 4304 Geochemistry 3 GEOL 4400 Stratigraphy & Sedimentation 14 & GEOL 4402 and Structural Geology & GEOL 4360 and Field Geology & GEOL 4361 and Field Geology GEOL 4426 Hydrogeology 3-4 or GEOL 4320 Petroleum Geology Major: Prescribed Electives GEOL Advanced Electives 10 Minor. Required ⁴ Minor (Advanced) 6 Minor 1	or GEOL 1405	Geologic & Environmental Hazards	
GEOL 3404 Mineralogy 8 & GEOL 3405 and Petrology GEOL 4304 Geochemistry 3 GEOL 4400 Stratigraphy & Sedimentation 14 & GEOL 4402 and Structural Geology 8 & GEOL 4360 and Field Geology & GEOL 4361 and Field Geology GEOL 4426 Hydrogeology 3-4 or GEOL 4320 Petroleum Geology Major: Prescribed Electives GEOL Advanced Electives 10 Minor: Required 4 6 Minor (Advanced) 6 Minor 12	GEOL 1404	Historical Geology	7
& GEOL 3405 and Petrology GEOL 4304 Geochemistry 3 GEOL 4400 Stratigraphy & Sedimentation 14 & GEOL 4402 and Structural Geology & GEOL 4360 and Field Geology & GEOL 4361 and Field Geology GEOL 4426 Hydrogeology 3-4 or GEOL 4320 Petroleum Geology Major. Prescribed Electives GEOL Advanced Electives GEOL Advanced Electives Minor. Required 4 Minor (Advanced) 6 Minor 12	& GEOL 3301	and Field Methods	
GEOL 4304 Geochemistry 3 GEOL 4400 Stratigraphy & Sedimentation 14 & GEOL 4402 and Structural Geology & GEOL 4360 and Field Geology & GEOL 4361 and Field Geology GEOL 4426 Hydrogeology 3-4 or GEOL 4320 Petroleum Geology Major: Prescribed Electives GEOL Advanced Electives GEOL Advanced Electives Minor: Required 4 Minor (Advanced) 6 Minor 12	GEOL 3404		8
GEOL 4400 Stratigraphy & Sedimentation 14 & GEOL 4402 and Structural Geology & GEOL 4360 and Field Geology & GEOL 4361 and Field Geology GEOL 4426 Hydrogeology 3-4 or GEOL 4320 Petroleum Geology Major: Prescribed Electives GEOL Advanced Electives 10 Minor: Required 4 Minor (Advanced) 6 Minor 12			
& GEOL 4402 and Structural Geology & GEOL 4360 and Field Geology & GEOL 4361 and Field Geology GEOL 4426 Hydrogeology 3-4 or GEOL 4320 Petroleum Geology Major. Prescribed Electives GEOL Advanced Electives 10 Minor. Required 4 Minor (Advanced) 6 Minor 12			
& GEOL 4360 and Field Geology & GEOL 4361 and Field Geology GEOL 4426 Hydrogeology 3-4 or GEOL 4320 Petroleum Geology Major: Prescribed Electives GEOL Advanced Electives 10 Minor: Required 4 Minor (Advanced) 6 Minor 12			14
& GEOL 4361 and Field Geology GEOL 4426 Hydrogeology 3-4 or GEOL 4320 Petroleum Geology Major: Prescribed Electives GEOL Advanced Electives 10 Minor. Required 4 Minor (Advanced) 6 Minor 12			
GEOL 4426 Hydrogeology 3-4 or GEOL 4320 Petroleum Geology Major: Prescribed Electives GEOL Advanced Electives 10 Minor: Required 4 Minor (Advanced) 6 Minor 12			
or GEOL 4320 Petroleum Geology Major: Prescribed Electives GEOL Advanced Electives 10 Minor: Required Minor (Advanced) 6 Minor 12	GEOL 4426	···	3-4
Major: Prescribed Electives GEOL Advanced Electives Minor: Required Minor (Advanced) Minor 10 10 11			
GEOL Advanced Electives 10 Minor. Required 4 Minor (Advanced) 6 Minor 12			
Minor Required 4 Minor (Advanced) 6 Minor 12	•		10
Minor (Advanced) 6 Minor 12			
Minor 12			6

MATH 1420 satisfies the Core Curriculum requirement for Component Area II (Mathematics), one semester credit hour of Component Area IX (Component Area Option), and the Degree Specific requirement.

CHEM 1411 and CHEM 1412 satisfy the Core Curriculum requirement for Component Area III (Life and Physical Science) and the Degree Specific requirement.

PHYS 1411 and PHYS 1422 also satisfy the Core Curriculum requirement for Component Area III (Life and Physical Science) and the Degree Specific requirement.

All minors can be paired with this degree program.

Notes

Students must earn a 2.0 minimum overall GPA in all coursework.

Students must meet a 2.0 minimum overall major GPA in all major coursework.

Students must earn a 2.0 minimum SHSU GPA in all coursework.

Students must meet a 2.0 minimum SHSU major GPA in all major coursework.

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Fall	Hours	Spring	Hours	Summer	Hours	
CHEM 1411 ¹		4 CHEM 1412 ¹		4 GEOL 3301		3
ENGL 1301 ²		3 ENGL 1302 ²		3		
GEOL 1403 or 1405		4 GEOL 1404		4		
MATH 1420 ³		4 MATH 1430 or 3379		3-4		
		15		14-15		3
Second Year						
Fall	Hours	Spring	Hours			
GEOL 3404		4 GEOL 3405		4		
Minor ⁴		3 Minor ⁴		3		

	1.4	1.4
POLS 2305 ⁵	3 POLS 2306 ⁵	3
& PHYS 1101 ¹	& PHYS 1102 ¹	
PHYS 1301	4 PHYS 1302	4

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Third Year

Tillia Teal				
Fall	Hours	Spring	Hours	
Component		3 Component		3
Area IV (http://		Area V (http://		
catalog.shsu.edu/		catalog.shsu.edu/		
undergraduate/		undergraduate/		
academic-policies-		academic-policies-		
procedures/degree-		procedures/degree-		
requirements-		requirements-		
academic-guidelines/		academic-guidelines/		
core-curriculum/		core-curriculum/		
#componentareaiv)		#componentareav)		
GEOL 4400		4 GEOL 4402		4
HIST 1301 ⁶		3 HIST 1302 ⁶		3
Minor ⁴		3 Minor ⁴		3
		13		13

Fourth Year

Fall	Hours	Spring	Hours	Summer	Hours	
Component Area VIII (http:// catalog.shsu.edu/ undergraduate/ academic-policies- procedures/degree- requirements- academic-guidelines/ core-curriculum/	. No.	3 Component Area IX (http:// catalog.shsu.edu/ undergraduate/ academic-policies- procedures/degree- requirements- academic-guidelines/ core-curriculum/	Tiouio .	3 GEOL 4360 & GEOL 4361		6
#componentareaviii)		#componentareaix)				
GEOL 4304		3 GEOL 4426 or 4320		3-4		
GEOL Advanced Electives		3 GEOL Advanced Electives		4		
GEOL Advanced Electives		3 Minor Advanced ⁴		3		

Minor Advanced ⁴	3		
	15	13-14	6

Total Hours: 120-122

- Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science). PHYS 1411 and PHYS 1422 also satisfy this requirement.
- ² Satisfies Core Curriculum requirement for Component Area I (Communications).
- MATH 1420 satisfies the Core Curriculum requirement for Component Area II (Mathematics), one semester credit hour of Component Area IX (Component Area Option), and the Degree Specific requirement.
- All minors can be paired with this degree program.
- Satisfies Core Curriculum requirement for Component Area VII (Political Science/Movement).
- ⁶ Satisfies Core Curriculum requirement for Component Area VI (U.S. History).

Notes

Students must earn a 2.0 minimum overall GPA in all coursework.

Students must meet a 2.0 minimum overall major GPA in all major coursework.

Students must earn a 2.0 minimum SHSU GPA in all coursework.

Students must meet a 2.0 minimum SHSU major GPA in all major coursework.

The Texas Higher Education Coordinating Board (THECB) marketable skills initiative is part of the state's **60x30TX plan** and was designed to help students articulate their skills to employers. Marketable skills are those skills valued by employers and/or graduate programs that can be applied in a variety of work or education settings and may include interpersonal, cognitive, and applied skill areas.

The BS in Geology is designed to provide graduates with the following marketable skills:

- · Observation, data collection, analysis, and interpretation.
- · Prepare, process, and present data.
- · Handle information in a range of different mediums, e.g. textual, numerical, oral, graphical.
- · Written and verbal communication skills.
- Report writing skills.
- · Problem-solving skills and lateral thinking.
- · Self-motivation and resilience.
- · Team-working skills and the ability to work on your own initiative.