

## Geology Associate of Science

Program Summary      Associate of Science

The physical sciences challenge critical thinking, teach an understanding of the earth's origin, natural resources, and sustainability. Whether you are interested in astrology, paleontology, geology, or ecology, this program has a variety of courses to get you started toward a four-year degree in the sciences.

<b>AS 3062 Geology Associate of Science</b>		<b>60 Hours</b>	<b>TSI Required</b>
<b>Technical Core Certificate (41 hours)</b>			
<b>Course</b>	<b>Title</b>	<b>Credit Hours</b>	
BCIS 1305	Business Computer Applications	3	
ENGL 1301	Composition I	3	
ENGL 1302	Composition II	3	
GOVT 2305	Federal Government	3	
GOVT 2306	Texas Government	3	
HIST 1301	United States History I	3	
HIST 1302	United States History II	3	
SPCH 1315	Public Speaking	3	
	Creative Arts*	3	
	Language, Philosophy and Culture*	3	
	Life and Physical Science (Recommended: ENVR 1401 or 1402)	4	
	Life and Physical Science (Recommended: GEOL 1405, 1445 or 1447)	4	
	Social and Behavioral Science*	3	
<b>Geology Elective Courses (19-20 Hours)</b>			
<b>Course</b>	<b>Title</b>	<b>Credit Hours</b>	
BIOL 1406	Biology for Science Majors I	4	
BIOL 1407	Biology for Science Majors II	4	
BIOL 1411	Botany	4	
BIOL 2406	Environmental Biology	4	
CHEM 1411	General Chemistry I	4	
CHEM 1412	General Chemistry II	4	
ENVR 1401	Environmental Science I	4	
ENVR 1402	Environmental Science II	4	
GEOL 1405	Environmental Science	4	
GEOL 1445	Oceanography	4	
GEOL 1447	Meteorology	4	
MATH 1316	Trigonometry	3	
MATH 2412	Pre-Calculus	4	
MATH 2413	Calculus I	4	
MATH 2414	Calculus II	4	
MATH 2415	Calculus III	4	
PHYS 1401	College Physics I	4	
PHYS 1402	College Physics II	4	
PHYS 2425	University Physics I	4	
PHYS 2426	University Physics II	4	

\* See Core Curriculum for course options



# Science, Technology, Engineering & Mathematics



## Geology Associate of Science

Program Summary

Associate of Science

### Year 1: Semester 1

Course	Semester Credit Hours
ENGL 1301 Composition I	3
Geology Elective**	3
Geology Elective**	3
HIST 1301 United States History I	3
Mathematics*	3
Total	15

### Year 1: Semester 2

Course	Semester Credit Hours
Creative Arts*	3
ENGL 1302 Composition II	3
Geology Elective**	3
HIST 1302 United States History II	3
SPCH 1315 Public Speaking	3
Total	15

### Year 2: Semester 1

Course	Semester Credit Hours
BCIS 1305 Business Computer Applications	3
Geology Elective**	3
GOVT 2305 Federal Government	3
Language, Philosophy and Culture*	3
Life and Physical Science**	4
Total	16

### Year 2: Semester 2

Course	Semester Credit Hours
Geology Elective**	3
Geology Elective**	3
GOVT 2306 Texas Government	3
Life and Physical Science**	4
Social and Behavioral Science*	3
Total	16

\* See Core Curriculum for course options

\*\* Dependent on transfer pathway