

Associate Degree Graduation Requirements

(1) Complete all department requirements with a “C” or better or “P” in each course (at least 20% of the department requirements must be completed through SBCC); (2) Complete one of the following three General Education options:

OPTION 1: SBCC General Education Requirements ([Areas A-D](#)) and Institutional Requirements ([Area E](#)) and Information Competency Requirement ([Area F](#)) OR **OPTION 2:** [IGETC Pattern](#) OR **OPTION 3:** [CSU GE Breadth Pattern](#); (3) Complete a total of 60 degree-applicable units (SBCC courses numbered 100 and higher); (4) Maintain a cumulative GPA of 2.0 or better in all units attempted at SBCC; (5) Maintain a cumulative GPA of 2.0 or better in all college units attempted; and (6) Complete 15 units through SBCC.

Department Requirements (Total Department Units: 37-38.5)

<i>Current Course No.</i>	<i>Previous Course No.</i>	<i>Title</i> <small>applies to SBCC GE areas</small>	<i>Units</i>	<i>Institution & Course No.</i>	<i>Grade</i>	<i>Units (s/q)</i>	<i>Term</i>
• EARTH 111	.....(EARTH 111/3)	.....Dynamic Earth-Physical Geol ^A	OR ...3.0	_____			
• EARTH 111H	..(none)	.....Dynamic Earth-Phys Geol, Honors ^A	.4.0	_____			
• EARTH 111L	... (EARTH 111L/3L)	.....Dynamic Earth-Physical Geol Lab ^A	..1.0	_____			
• EARTH 112	.....(EARTH 112/4)	.....History of the Earth ^A	.....3.0	_____			
• EARTH 112L	... (EARTH 112L/4L)	.....Historical Geology Laboratory ^A	.....1.0	_____			
• EARTH 125	.....(EARTH 125/41)	.....Mineralogy and Resources	.....5.0	_____			
• EARTH 126	.....(EARTH 126/42)	.....Petrology & Rock-Forming Minerals	5.0	_____			
• CHEM 155	....(5)	.....General Chemistry I ^A	.....5.0	_____			
• CHEM 156	....(6)	.....General Chemistry II	.....5.0	_____			
• MATH 150	....(none)	.....Calculus with Analytic Geom I ^{D2}	.....5.0	_____			

Plus 4 units selected from the following:

• EARTH 131	.....(EARTH 131/22)	.....Geol. Fld Stud – E. Sierra Nev Mnt	...2.0	_____			
• EARTH 132	.....(EARTH 132/23)	.....Geol. Field Studies in Death Valley	..2.0	_____			
• EARTH 133	.....(EARTH 133/72)	.....Intro Geol Field Sem, Colorado Plat	.4.0	_____			
• EARTH 134	.....(EARTH 134)	.....Geol. Field Stud, West Sierra Nev	.....2.5	_____			
• EARTH 137	.....(EARTH 137)	.....Introductory Field Geology	.....4.5	_____			
• EARTH 138	.....(EARTH 138)	.....Geology Field Camp	.....4.5	_____			
• EARTH 231A	..(none)	.....Fld St–Min & Min Rsrcs East SNev	.2.0	_____			
• EARTH 231B	... (none)	.....Fld St–Energy Rsrcs East Sierra Nev	2.0	_____			
• EARTH 232A	..(none)	.....Fld St–Petrology Death Valley Reg	..2.0	_____			
• EARTH 232B	... (none)	.....Fld St–Min Rsrcs/Pl Tch Dth Valley	.2.0	_____			
• EARTH 233	.....(none)	.....Adv Geo Fld Sem-Colorado Plateau	.4.0	_____			

Recommended Courses: These additional courses should be considered when planning a program of study for transfer as a geology major:

• MATH 160	....(26)	.....Calculus w/ Analytic Geom. II ^{D2}	.....5.0	_____			
• PHYS 102	.....(2)	.....Intro. Physics for Science Majors ^A	....4.0	_____			

Additional Program Information

For further information, contact the Counseling Center, 965-0581, Ext. 2285, or Mike Robinson, Department Chair, 965-0581, Ext. 3741.

SBCC AA/AS Degree Graduation Requirements Worksheet (Must complete IA or IB or IC, and II, and III and IV below)



Santa Barbara City College

Geological Sciences

2017-18

Associate in Science Degree in Geological Sciences

Geologic science is the science of the earth. It is an organized body of knowledge about the earth or planet on which we live - about the mountains, the plains, the oceans, and the atmosphere. It studies the effects of geologic hazards, such as earthquakes, landslides, floods and volcanic eruptions. It also addresses the ways to conserve and protect the world's fragile geologic environment.

Planetary science concerns itself with the study of the origin of galaxies and the universe, along with the laws which order these systems and bodies.

Careers in Geological Sciences

Today's student will play a major role in the supply of the earth's energy resources. Industries and governments are hiring geologists, geophysicists, seismologists, petroleum geologists, hydrologists, oceanographers, mineralogists and environmental geologists in areas of natural gas, urban planning, geological surveys, private consulting and environmental programs.

Note: All courses in the Department of Earth and Planetary Sciences are not offered each semester.

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IA. IGETC (http://articulation.sbccc.edu/IGETC/IGETC.pdf)		Course #	Grade	Units (s/q)	Term
1A.	English Composition				
1B.	Critical Thinking-English Composition				
1C.	Oral Communication (CSU only)				
2A.	Mathematics				
3A.	Arts				
3B.	Humanities				
4.	Social Sciences				
5A/5C.	Physical Sciences				
5B/5C.	Biological Sciences				
6A.	Language Other Than English (UC only)				
IB. CSU GE Breadth Pattern (http://articulation.sbccc.edu/CSU/CSUGE.pdf)		Course #	Grade	Units (s/q)	Term
A1.	Oral Communication				
A2.	Written Communication				
A3.	Critical Thinking				
B1/B3.	Physical Science				
B2/B3.	Life Science				
B4.	Mathematics				
C1.	Arts				
C2.	Humanities				
D.	Social Sciences				
E.	Lifelong Learning and Self-Development				
IC. SBCC GE, Institutional & Info Competency (http://www.sbccc.edu/apply/files/pereg.pdf)		Course #	Grade	Units (s/q)	Term
A.	Natural Sciences with Lab				
B.	Social and Behavioral Science				
C.	Humanities				
D-1.	English Composition				
D-2.	Communication and Analytical Thinking				
E-1.	Mathematics - <i>Plus complete 3 out of the 4 areas listed below (E-2 through E-5)</i>				
E-2.	American Institutions				
E-3.	Physical Education/Health Education				
E-4.	Oral Communication				
E-5.	Multicultural/Gender Studies				
F.	Information Competency				

II. Unit and Grade Point Average Requirements: Refer to Graduation Requirements on the other side of this document.

	Total Semester Units Attempted	Total Semester Units Completed	Grade Points	GPA
SBCC				
Transfer				
Total				

III. Residency Requirements: 15 units completed through SBCC & 20% of Department Requirements completed through SBCC? Yes No

IV. Department Requirements: Refer to the other side of this document for a list of department required courses. Yes No