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: 18)

Select 18 units from the following courses with at least one course in science and at least one course in mathematics. (Note: students are strongly advised to meet with a counselor to ensure appropriate course selection for their educational goal):

SCIENCE: At least one course from the following:

Anthropology 101 or 101H, 101+101L or 101H + 101L

Biology 100, 101, 102, 103, 104, 104+105, 110 or 110H, 112, 112+141, 120, 122, 122+123, 124, 125, 126, 140, 140+141, 142, 144, 150, 161, 172

Biomedical Sciences 100, 107, 108, 118, 127, 136, 146, 157

Botany 100, 121, 122, 123, 129

Chemistry 101, 104, 155, 156, 211, 211+221, 212, 212+222

Earth Sciences 101 or 101H, 101+102 or 101H+102, 106, 111 or 111H, 111+111L or 111H+111L, 112, 112+112L, 113, 113+111L, 113+112L, 114, 114+111L, 114+112L, 115, 115+115L, 116, 122, 125, 126, 141, 141+141L, 151, 151+151L, 152, 152+152L

Environmental Horticulture 110

Environmental Studies 110, 110+111, 115, 115+115L, 116

Geography 101, 101+101L, 152, 152+152L

Physical Science 103, 107

Physics 101, 101+101L, 102, 105, 106, 110, 111, 121, 122, 123

Psychology 110

Zoology 110, 122, 122+123, 124, 137, 140

MATHEMATICS: At least one course from the following:

Computer Science 108

Mathematics 108, 114, 117 or 117H, 120, 130, 131, 137, 138, 150, 160, 200, 210, 220

Psychology 150

Institution Course No.	Units	Grade (s/q)	Term

Additional Program Information

For further information, contact the Counseling Center, 965-0581, Ext. 2285.

Santa Barbara City College

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

IA. IGET	CC (http://articulation.sbcc.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.sbcc.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	C GE, Institutional & Info Competency (http://www.sbcc.edu/applv/files/gereq.pdf)	Course #	Grade	Units (s/q)	Term
A.	Natural Sciences with Lab				
B.	Social and Behavioral Science				
C.	Humanities			1	
D-1.	English Composition			1	
D-2.	Communication and Analytical Thinking				
E-1.	Mathematics - Plus complete 3 out of the 4 areas listed below (E-2 through E-5)				
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
IV. Department Requirements: Refer to the other side of this document for a list of department required courses.	☐ Yes

IV. Department Requirements: Refer to the other side of this document for a list of department required courses.



Santa Barbara City College

Liberal Arts and Sciences: Science & **Mathematics Emphasis**

2017-18

Associate in Arts Degree in Liberal Arts and **Sciences: Science & Mathematics Emphasis**

The Liberal Arts and Sciences: Science & Mathematics Emphasis degree at Santa Barbara City College (SBCC) is designed for students who wish to have a broad knowledge of arts and sciences while building a foundation within an "area of emphasis." This degree can be a good option for students who may need to explore possibilities before committing themselves to a major prior to transferring to a fouryear university or for students who may not be planning to transfer but wish to earn a degree in a particular area of study that interests them.

By completing the Liberal Arts and Sciences: Science & Mathematics Emphasis degree, students will be exposed to wide range of coursework to achieve a foundational understanding of mathematics and the natural sciences. Students will survey, analyze and interpret concepts, theories and methodologies as they relate to the natural sciences and mathematics and how this knowledge has shaped the course of human development over the ages. Additionally, students will develop critical thinking skills, mathematical and quantitative reasoning skills and research methodology.

Common university majors within the Science & Mathematics Emphasis include, but are not limited to, the following: Astronomy, Astrophysics, Biochemistry, Biology, Chemical Physics, Chemistry, Earth Sciences, Environmental Studies, Geography (Physical), Geological Sciences, Mathematics, Physics.

NOTE: Program first offered Fall 2009.

□ No

□ No

SBCC: Your Open Door to Educational Excellence