



**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

## 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 four-year 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.

***SBCC: Your Open Door to  
Educational Excellence***

IA. IGETC ( <a href="http://articulation.sbcc.edu/IGETC/IGETC.pdf">http://articulation.sbcc.edu/IGETC/IGETC.pdf</a> )		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 ( <a href="http://articulation.sbcc.edu/CSU/CSUGE.pdf">http://articulation.sbcc.edu/CSU/CSUGE.pdf</a> )		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 ( <a href="http://www.sbcc.edu/apply/files/pereg.pdf">http://www.sbcc.edu/apply/files/pereg.pdf</a> )		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				
<b>Total</b>				

**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