

## 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: 29-30)

<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 &amp; Course No.</i>	<i>Grade</i>	<i>Units (s/q)</i>	<i>Term</i>
• BIOL 110.....	(2).....	Natural Science <b>OR</b> .....	3.0	_____			
BIOL 110H.....	(BIOL 110HR/2) .....	Natural Science, Honors <sup>A</sup> <b>OR</b> .....	4.0	_____			
BIOL 120.....	(3).....	Natural History <sup>A</sup> <b>OR</b> .....	4.0	_____			
BIOL 140♦ .....	(none).....	Principles of Biology .....	3.0	_____			
• BIOL 112.....	(9).....	Evolution and Adaptation <b>OR</b> .....	3.0	_____			
BIOL 150.....	(none).....	Biodiversity.....	3.0	_____			
• BIOL 122 & 123 .....	(none).....	Ecology and Lab <sup>A</sup> .....	4.0	_____			
• BIOL 144.....	(none).....	Biogeography <b>OR</b> .....	3.0	_____			
ERTH 141 .....	(EARTH 141/1).....	Physical Geography <b>OR</b> .....	3.0	_____			
GEOG 101 .....	(1).....	Physical Geography.....	3.0	_____			
• BOT 121* .....	(20).....	Plant Diversity <sup>A</sup> .....	4.0	_____			
• ZOOL 122♦+.....	(20).....	Animal Diversity .....	3.0	_____			

*Plus 9 units of Natural History electives:* Students may choose courses from the areas of Anthropology, Art, Biology, Bio-Medical Sciences, Botany, Chemistry, Environmental Studies, Geological Sciences, Mathematics, Physics and Zoology. Courses must be selected in consultation with the Natural History Advisor and approved by the Biological Sciences Department.

- ♦ BIOL 140 satisfies Area A if lab (BIOL 141) is completed.
- ZOOL 122 satisfies Area A if lab (ZOOL 123) is completed.

\* BIOL 101 (10A) may substitute for BOT 121.

+ ZOOL 123 (Animal Diversity Lab) is recommended. BIOL 102 (10B) may substitute for ZOOL 122 and 123.

Students planning to transfer with an A.A degree in Natural History should include introductory courses in general and organic chemistry, physics and statistics. Selection of Natural History electives should be made carefully to avoid problems with transfer.

#### Additional Program Information

For further information, contact the Counseling Center, 965-0581, Ext. 2285, or Adam Green, Department Chair, 965-0581, Ext. 2394, or Dr. Larry Friesen, Natural History Advisor, Ext. 2393.

**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

# Natural History

## 2017-18

### Associate in Arts Degree in Natural History

The Natural History degree program at Santa Barbara City College is designed to provide a broad survey of the diversity of Earth's life forms and their evolutionary and environmental relationships. By carefully choosing electives, a student may emphasize specialized areas for transfer including aquatic biology, zoology, botany and environmental biology.

### Careers in Natural History

The careers in Natural History are varied. This degree may lead to entry-level positions in the fields of forestry, wildlife management and fisheries, as well as positions in natural history museums, botanical gardens, harbors, and outdoor education.

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

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