

# HAWAII COMMUNITY COLLEGE, 2019-2020

## Associate in Science Degree in Natural Science Concentration in Biological Science (NSCI-BSC)

**Program Requirements** (Overall [60-61 credits, cumulative GPA 2.0 required from all courses])

Course	Course Name	Semester, Year & Grade	AS Credits
<b>First Semester</b>			
BIOL 171	Introductory Biology I		3
BIOL 171L+	Introductory Biology I Lab (in-person labs required)		1
CHEM 161	General Chemistry I		3
CHEM 161L+	General Chemistry I Lab (in-person labs required)		1
ENG 100	Composition I		3
ENG 102	College Reading Skills		3
	<b>Total Credits</b>		<b>14</b>
<b>Second Semester</b>			
BIOL 172	Introductory Biology II		3
BIOL 172L+	Introductory Biology II Lab (in-person labs required)		1
CHEM 162	General Chemistry II		3
CHEM 162L+	General Chemistry II Lab (in-person labs required)		1
SCIENCE+	BSC Electives (see next page)		4
HIST 151 (FG) <b>OR</b> WS 175 (FG)	World History to 1500  History of Gender, Sex, and Sexuality to 1500 CE		3  (3)
	<b>Total Credits</b>		<b>15</b>
<b>Third Semester</b>			
BIOL 265 <b>OR</b> BIOL 275	Ecology and Evolutionary Biology  Cell and Molecular Biology		3  (3)
BIOL 265L+ <b>OR</b> BIOL 275L+	Ecology and Evolutionary Biology Lab (in-person labs required)  Cell and Molecular Biology Lab		1  (1)
MATH 241	Calculus I		4
PHYS 151 <b>OR</b> PHYS 170	College Physics I  General Physics I		3  (4)
PHYS 151L+ <b>OR</b> PHYS 170L+	College Physics Lab I (in-person labs required)  General Physics Lab I		1  (1)
GEOG 102 (FG) <b>OR</b> HIST 152 (FG) <b>OR</b> WS 176 (FG)	World Regional Geography  World History Since 1500  History of Gender, Sex, and Sexuality 1500 CE to present		3  (3)  (3)
	<b>Total Credits</b>		<b>15-16</b>
<b>Fourth Semester</b>			
SCIENCE+	BSC Electives (see next page) (4 <sup>th</sup> credit required if total credits are less than 60)		3-4
ELECTIVE	Diversifications – Arts, Humanities, Literature (DA/DH/DL) (see next page)		3
ELECTIVE	Diversifications – Social Sciences (DS) (see next page)		3
ELECTIVE	General Elective (see next page)		3
ELECTIVE	General Elective (see next page)		3
	<b>Total Credits</b>		<b>15-16</b>

<p><b>WRITING INTENSIVE (WI) [2 Courses, “C” Grade or Higher Required]</b>          [“W” Indicates WI Sections only. WI Offerings vary each Semester. A WI Section of an Elective Course will satisfy BOTH the Elective and WI Requirements].</p> <p>EXAMPLES INCLUDE, BUT ARE NOT LIMITED TO: <b>ART</b> 101W, <b>BIOL</b> 124LW, <b>ENG</b> 105W, 204W, 215W, 255W, 256W, 257AW, 257EW, <b>FAMR</b> 230W, <b>HD</b> 234W, <b>HIST</b> 120W, 274W, <b>HWST</b> 107W, <b>PHIL</b> 101W, 120W, <b>PSY</b> 214W, 275W, <b>SOC</b> 251W, 265W, 289W, <b>WS</b> 151W</p>		---
<p><b>HAWAIIAN/ASIAN/PACIFIC (HAP) CULTURE: [1 Course Required]</b></p> <ul style="list-style-type: none"> <li>• ENG 102 (Instructor Vivian Chin’s sections only)</li> <li>• ENG 105 (Instructor Kristine Kotecki’s sections only)</li> <li>• ENG 255 (Instructor Tagi Qolouvaki’s sections only)</li> <li>• <b>HWST 107 – All sections/instructors</b></li> </ul>		---
<p><b>1. Diversifications – Arts, Humanities, Literature (DA/DH/DL)</b>          [1 COURSE REQUIRED – 3 cr.]</p> <p><b>ART</b> 101, 113, 114, <b>ASAN</b> 120, <b>ENG</b> 204, 255, 256, 257A, 257E, <b>HAW</b> 101, 102, 201, 202, <b>HIST</b> 153, 154, <b>HWST</b> 100, 102, 103, 105, 107, 201, 270 (formerly HWST 104), <b>PHIL</b> 100, 101, 102, 120</p>		---
<p><b>2. Biological Sciences (BSC) Electives</b>          [7-8 cr. REQUIRED]</p> <p><b>AG</b> 175, 175L, <b>ASTR</b> 110, 281, <b>BIOC</b> 141, <b>BIOL</b> 100, 100L, 124, 124L, 156, 156L, 265, 265L, 275, 275L, <b>BOT</b> 101, 101L, 105, 105L, 130, 130L, <b>GEOG</b> 101, 101L, 170, 170L, 180, 180L, <b>GG</b> 101, 101L, <b>MICR</b> 130, 140L, <b>OCN</b> 201, 205, <b>PHYL</b> 141, 141L, 142, 142L, <b>PHYS</b> 100, 100L, 105, <b>ZOOL</b> 101, 101L</p>		---
<p><b>3. Diversifications – Social Sciences (DS)</b>          [1 COURSE REQUIRED – 3 cr.]</p> <p><b>ANTH</b> 150, 200, <b>BOT</b> 105, <b>ECED</b> 131, <b>FAMR</b> 230, <b>GEOG</b> 122, <b>HSER</b> 110, <b>PSY</b> 100, 170, 275, <b>SOC</b> 100, 218, <b>SSCI</b> 111, <b>WS</b> 151</p>		---
<p><b>GENERAL ELECTIVES [6 Credits Required.] (2 courses)</b></p> <p>ANY COURSE NUMBERED 100 OR ABOVE</p> <p>1) _____ 3 cr.</p> <p>2) _____ 3 cr.</p>		---

**Total Credits: 60-61**

**Courses completed that do not apply to major**

Course	Sem., Yr. & Grade	Course	Sem., Yr. & Grade

**Special Instructions:**

- + All required labs should be taken in person. On-line labs will not be accepted.
- Maximum of 45 transferred credits allowed to count for degree

**For more information on Gainful Employment on all of our programs, please go to the following link:**  
<http://www.hawaii.hawaii.edu/gainful-employment/>