

## Natural Science: Associate in Science Concentration in Biological Science

**2021-22**  
(60 credits)

SAMPLE

The Associate in Science is a transfer degree designed for students pursuing STEM-related educational and career goals.  
This is an example of an educational plan that can serve as a guideline to create your own academic pathway.

Year 1			Year 2		
<b>Fall Semester</b>			<b>Fall Semester:</b>		
ENG 100	Composition I <i>Prereq: "C" or better in ENG 22 or placement into ENG 100, or "C" or better in ENG 23 and corequisite enrollment in ENG 100X or approval of designated Language Arts representative.</i>	3	DA/DH/DL	Diversification: Arts or Humanities or Literature	3
BIOL 171	General Biology I <i>Rec Prep: High School or College Chemistry</i>	3	FG (A/B/C)	Foundation: Global & Multicultural Perspectives	3
BIOL 171L	General Biology Lab I <i>Prereq: Credit for or registration in BIOL 171. General Biology Lab I Rec Prep: High School chemistry or college chemistry.</i>	1	PHYS 151*	College Physics I <i>Prereq: Cr for or registration in Math 140</i> College Physics I <i>Corequisite: PHYS 151L.</i>	3
CHEM 161	General Chemistry I <i>Prereq: Math 103 "C" or better or placement in Math 135. Corequisite: Reg. in CHEM 161L. Recommended Prep: High School Chem, CHEM 100, or CHEM 151</i>	3	PHYS_151L*	College Physics Lab I <i>Prereq: Credit for or registration in Phys 151</i>	1
CHEM 161L	General Chemistry Lab I <i>Prereq: Credit or registration in CHEM 161</i>	1	Elective		3
MATH 241 (FQ)	Calculus I <i>Prereq: Math 140 "C" or better</i>	4	Elective		3
Credits		15	Credits		16
<b>Spring Semester:</b>			<b>Spring Semester:</b>		
FG (A/B/C)	Foundation: Global & Multicultural Perspectives	3	DS	Diversification: Social Science	3
BIOL 172	General Biology II <i>Prereq: Credit for BIOL 171</i>	3	Elective		3
BIOL 172L	General Biology Lab II <i>Corequisite: BIOL 172</i>	1	Elective		3
CHEM 162	General Chemistry II <i>Prereq: Chem 161 "C" or better, credit for or registration in Math 135. Corequisite: CHEM 162L</i>	3	Natural Sci Elect	(See Program Sheet)	3
CHEM 162L	General Chemistry Lab II <i>Prereq: credit for or registration in Chem 162</i>	1	Natural Sci Elect	(See Program Sheet)	3
Elective		3			
Credits		14	Credits		15
<b>Summer Semester:</b>			<b>Summer Semester:</b>		
Credits			Credits		
Total Credits for the Year		29	Total Credits for 2 Years		60

NSCI-BSC

**Notes:**

- \*BIOL 265/L (4) OR BIOL 275/L (4) OR CHEM 272/L (5) may be taken in lieu of PHYS 151/L.
- Cumulative GPA of 2.0 or higher for all course work taken in fulfillment of A.S. degree.
- Generally, any one course can fulfill only one area, e.g., SP 151, SP 231, SP 251 can fulfill either OC or DA, but not both. Certain natural science courses can fulfill both DB and DY requirements.

- No more than 12 credits in any combination of independent study or cooperative education may apply to the degree requirements.
- When there is a break in enrollment (not attending fall or spring semester), you must use the graduation requirements in effect at the time you return to WCC.
- If your bachelor's degree has been determined, you may be fulfilling specific course requirements for the 4-year degree here at WCC and applying those courses to the AA degree as elective credits.
- Electives: Any transfer-level course in any field to achieve 60 credits.
- The last day for graduation certification is the last day of instruction.
- **Check course core designation at the Class Availability website. Course core designation may differ at the various UH campuses.**  
<https://www.hawaii.edu/myuhinfo/class-availability/>