



Natural Science: Associate in Science Concentration in Physical 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		
Fall Semester			Fall Semester:		
ENG 100	Composition 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.	3	DA/DH/DL	Diversification: Arts or Humanities or Literature	3
MATH 241 (FQ)	Calculus I Prereq: Grade of "C" or better in Math 140 "C" or equivalent	4	DB	Diversification: Biological Sciences	3
			PHYS 272	General Physics II Prereq: Credit for Math 242 and "C" or better in PHYS 170 General Physics II Corequisite: PHYS 272L.	3
CHEM 161	General Chemistry I Prereq: Math 103 "C" or better or placement in Math 135. General Chemistry I Corequisite: registration in CHEM 161L. General Chemistry I Recommended Prep: High School chemistry, CHEM 100, or CHEM 151.	3	PHYS 272L	General Physics II Laboratory Prereq: Credit or or registration in Phys 272	1
CHEM 161L	General Chemistry Lab I Prereq: Credit or registration in CHEM 161	1	FG (A/B/C)	Foundation: Global & Multicultural Perspectives	3
Elective		3	Natural Sci Elct	(See Program Sheet)	3
Credits		14	Credits		16
Spring Semester:			Spring Semester:		
MATH 242	Calculus II Prereq: Grade of "C" or better in MATH 241 or equivalent	4	DS	Diversification: Social Science	3
CHEM 162	General Chemistry I Prereq: Chem 161 "C" or better, or for or registration in Math 135. General Chemistry I Corequisite: CHEM 162L.	3	FG (A/B/C)	Foundation: Global & Multicultural Perspectives	3
CHEM 162L	General Chemistry Lab II Prereq: credit for or registration in Chem 162	1	Natural Sci Elect	(See Program Sheet)	3
PHYS 170*	General Physics I Prereq: Credit for Math 241 or higher General Physics I Corequisite: PHYS 170L and credit for or reg. in MATH 206 or equivalent, or consent of instructor.	4	Elective		3
PHYS 170L*	General Physics I Laboratory Coreq: Credit for or registration in PHYS 170	1	Elective		2
Elective		3			
Credits		16	Credits		14
Summer Semester:			Summer Semester:		
Credits			Credits		
Total Credits for the Year		30	Total Credits for 2 Years		60

NSCI-PSC

Notes:

- *PHYS 151/L (3/1) and PHYS 152/L (3/) may be taken in lieu of PHYS 170/L and PHYS 272/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 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/>