

Bachelor of Arts in Biological Sciences

Sample Plan

The academic plan below is one pathway through the degree/certificate. It includes all requirements, taking into account recommendations from program faculty. Each student's plan may vary according to their initial course placement (<https://catalog.uaa.alaska.edu/academicpoliciesprocesses/academicstandardsregulations/courseplacement/>), intended course load, additional majors and/or minors, and their placement into required prerequisite courses. Any change in the plan below can have an unforeseen impact on the rest of the plan. **Therefore, it is very important to meet with your academic advisor to verify your personal academic plan.**

Please review the following terms, definitions, and resources associated with the sample academic plan below.

- Each course in the far left column links to a pop-up bubble with a course description, prerequisite requirements, and associations with university requirements. For example, if a course fulfills a general education requirement, you will see that in the pop-up bubble.
- GER:** indicates a General Education Requirement (<https://catalog.uaa.alaska.edu/undergraduateprograms/baccalaureaterequirements/gers/>). GERs that also count toward degree/certificate requirements appear as a specific course in the plan. For these courses, "GER" is not indicated explicitly in the table, but if you click on the course, you will see the course's GER status in the pop-up bubble.
- Program Elective:** indicates a specific course selection determined by program faculty to fulfill a degree/certificate requirement. Students should seek assistance from their academic advisor.
- Elective:** indicates an open selection of 100-400 level university courses to fulfill elective credits needed to meet the minimum total credits toward the degree/certificate.
- Upper Division Program Elective:** indicates a specific 300-400 level course selection determined by the program faculty to fulfill a degree/certificate requirement. Students should seek assistance from their academic advisor.
- Upper Division Elective:** indicates an open selection of 300-400 level courses to fulfill elective credits needed to meet the minimum total credits toward the degree/certificate. These courses must be upper division in order to meet General University Requirements for the particular degree/certificate type.

First Year

Fall		Credits
BIOL A108	Principles and Methods in Biology	6
CHEM A105 & A105L	General Chemistry I and General Chemistry I Laboratory	4

STAT A200 or STAT A253 or STAT A307	Elementary Statistics or Applied Statistics for the Sciences or Probability and Statistics	3-4
---	--	-----

WRTG A111	Writing Across Contexts	3
-----------	-------------------------	---

Credits 16-17

Spring

BIOL A242	Fundamentals of Cell Biology	3
BIOL A252	Principles of Genetics	3
CHEM A106 & A106L	General Chemistry II and General Chemistry II Laboratory	4
WRTG A213	Writing and the Sciences	3
GER Oral Communication Skills		3

Credits 16

Second Year

Fall

BIOL A271	Principles of Ecology	3
BIOL A288	Principles of Evolution	3
GER Fine Arts		3
GER Humanities		3
Upper Division Program Elective		3

Credits 15

Spring

BIOL A243 or BIOL A273 Genetics or Experiential Learning: Ecology and Evolution	Experiential Learning: Cell Biology and Genetics or Experiential Learning: Ecology and Evolution	4
GER Humanities		3
GER Intercultural Fluency		3
GER Social Sciences		3
Upper Division Program Elective		3

Credits 16

Third Year

Fall

GER Alaska Native-Themed		3
GER Social Sciences		3
Elective		3
Upper Division Program Elective		3
Upper Division Program Elective		3

Credits 15

Spring

Elective		3
Program Elective: Support Course		3
Upper Division Elective		3
Upper Division Program Elective		3
Upper Division Program Elective		3

Credits 15

Fourth Year**Fall**

BIOL A492	Undergraduate Seminar	1
GER Integrative Capstone		3
Elective		3
Upper Division Program Elective		3
Upper Division Program Elective: Support Course		3
Credits		13

Spring

Elective		3
Elective		2-3
Upper Division Elective		2
Upper Division Program Elective		3
Upper Division Program Elective: Support Course		3
Credits		13-14
Total Credits		119-121