

| DEGREE REQUIREMENTS | CURRICULUM NOTES |
|---|--|
| <p>Credits: minimum of 120 credits Credits in major: 43 Minimum cumulative GPA :2.0</p> | <ul style="list-style-type: none"> • Candidates must complete the 36 credits of general education requirements (GERs) as well as the specific program requirements. • Alaska Native Knowledge Graduation Requirement • Students are considered pre-major biology until they have completed the following courses: <ul style="list-style-type: none"> ○ Math 151 College Algebra for Calculus ○ Writing 111 Writing Across Contexts ○ Biology 105 Fundamentals of Biology I ○ High school chemistry, or a C (2.0) or higher in either CHEM 103 or CHEM 105 Introduction to General Chemistry or General Chemistry I • Courses in degree program may be counted only once. • Courses used to fulfill the major requirements cannot be used to fulfill the GERs. • Degree must include 44 credit hours of upper division (300 or above) courses, <ul style="list-style-type: none"> ○ 24 of which must be completed at UAS • Biology Electives <ul style="list-style-type: none"> ○ Only 4 credits from BIOL 375 and 2 credits from BIOL 492 may be applied toward Biology electives. Additional credits may be applied toward electives ○ Up to 6 credits total from BIOL396/398/498 may be applied |

| | | FALL | SPRING |
|-----------|----------------------|---|---------|
| | | COURSE | CREDITS |
| FRESHMAN | | MATH 105 Intermediate Algebra | 4 |
| | | BIOL 115 Fundamentals of Biology I | 4 |
| | | GER – Humanities/ Social Science | 3 |
| | | WRTG 111 Writing Across Contexts | 3 |
| | | <i>Total credits</i> | 14 |
| SOPHOMORE | | CHEM 105 General Chemistry I | 3 |
| | | CHEM 105L General Chemistry I Lab | 1 |
| | | MATH 152 Trigonometry | 3 |
| | | STAT 200 Elementary Statistics | 3 |
| | | GER - Humanities/Social Science | 3 |
| | <i>Total credits</i> | 13 | |
| JUNIOR | | BIOL 310 Animal Physiology | 4 |
| | | CHEM 341 Organic Chemistry | 4 |
| | | Biology Elective | 4 |
| | | PHYS 123 or PHYS 211 College or General Physics I | 4 |
| | | <i>Total credits</i> | 16 |
| SENIOR | | Biology Elective | 4 |
| | | BIOL 362 Genetics | 4 |
| | | UD Elective | 3 |
| | | Biology Upper Division Elective | 4 |
| | | <i>Total credits</i> | 15 |
| | | MATH 151 College Algebra for Calculus | 4 |
| | | BIOL 116 Fundamentals of Biology II | 4 |
| | | GER – Humanities/Social Science | 3 |
| | | WRTG 211 OR 212 Writing and the Humanities or Writing and the Professions | 3 |
| | | GER – Humanities/Social Science | 3 |
| | | <i>Total credits</i> | 17 |
| | | CHEM 106 General Chemistry II | 3 |
| | | CHEM 106L General Chemistry II Lab | 1 |
| | | MATH 251 Calculus I | 4 |
| | | BIOL 271 Ecology | 4 |
| | | GER – Humanities/Social Science | 3 |
| | | <i>Total credits</i> | 15 |
| | | Biology Upper Division Elective | 4 |
| | | CHEM 342 Biochemistry | 4 |
| | | Biology Upper Division Elective | 4 |
| | | PHYS 123 or PHYS 212 College or General Physics II | 4 |
| | | <i>Total credits</i> | 16 |
| | | BIOL 482 Evolution | 4 |
| | | Elective | 3 |
| | | Upper Division Elective | 4 |
| | | Biology Upper Division Elective | 4 |
| | | <i>Total credits</i> | 16 |