

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