

DEGREE REQUIREMENTS	CURRICULUM NOTES
<p>Credits: minimum of 120 credits Credits in major: 36 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 ○ 12 of the 44 upper division credits are required major classes, 36 credits are of your choosing • Select two from the following (6 credits) from at least two PHYSICAL SCIENCE disciplines: <ul style="list-style-type: none"> ○ ASTR 225, ENVS 102 or higher, GEOL 104 or higher, PHYS 102 or higher, STAT 373 • Select from the Biology Electives listed in the catalog

		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
				GER – Humanities/Social Science 3	3
	<i>Total credits</i>	<i>14</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	BIOL 271 Ecology	4
		STAT 200 Elementary Statistics	3	Biology Elective	2
		GER - Oral Communication	3	GER – Fine Arts	3
	<i>Total credits</i>	<i>13</i>	<i>Total credits</i>	<i>13</i>	
JUNIOR		BIOL 310 Animal Physiology	4	Elective	4
		Elective	4	Elective	4
		Biology Elective	4	Biology Elective	4
		GER – Humanities/ Social Science	3	Elective	3
		<i>Total credits</i>	<i>15</i>	<i>Total credits</i>	<i>15</i>
SENIOR		Physical Science	4	Physical Science	4
		UD Elective	4	UD Elective	4
		BIOL 362 Genetics	4	BIOL 482 Evolution	4
		Elective	3	Biology Elective	2
		Elective	2	Elective	2
	<i>Total credits</i>	<i>17</i>	<i>Total credits</i>	<i>16</i>	