

DEGREE REQUIREMENTS	CURRICULUM NOTES
Credits: minimum of 120 credits Credits in major: 48 Minimum cumulative GPA :2.0	<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 • 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 42 credit hours of upper division (300 or above) courses, <ul style="list-style-type: none"> ○ To satisfy the residency requirement, 30 credits must be completed at UAS, including 24 upper division credits

	FALL		SPRING	
	COURSE	CREDITS	COURSE	CREDITS
FRESHMAN	ENVS 102 Earth and Environment	4	GER Social Science/Humanities	3
	BIOL 115 Fundamentals of Biology	4	GEOL 104 Physical Geology	4
	MATH 151 College Algebra for Calculus	4	MATH 152 Trigonometry	3
	WRTG 111 Writing Across Contexts	3	WRTG 211 or 212 Writing and the Humanities or Writing and Professions	3
	<i>Total credits</i>	<i>15</i>	<i>Total credits</i>	<i>13</i>
SOPHOMORE	CHEM 105 General Chemistry I	3	CHEM 106 General Chemistry II	3
	CHEM 105L General Chemistry Lab I	1	CHEM 106L General Chemistry Lab II	1
	MATH 251 Calculus I	4	BIOL 271 Ecology	4
	GER Social Science/Humanities	3	STAT 200 Elementary Statistics	3
	General Education Requirement (GER) – Fine Arts	3	GER Social Science/Humanities	3
			General Education Requirement (GER) – Communication	3
	<i>Total credits</i>	<i>14</i>	<i>Total credits</i>	<i>17</i>
JUNIOR	PHYS 123 or 211 College or General Physics I	4	PHYS 124 or 212 College or General Physics II	4
	GEOL 302 Hydrology	4	Earth Systems/Climate Change Course	3
	ENVS 375 Current Topics in Earth & Ecosystem Research	2	Forests and Ecosystems Course	3
	Forests and Ecosystems Course	4	Quantitative and Spatial Analysis	4
	Quantitative and Spatial Analysis	3	Elective	3
	<i>Total credits</i>	<i>17</i>	<i>Total credits</i>	<i>17</i>
SENIOR	Quantitative and Spatial Analysis	2	ENVS 492 Environmental Science Seminar	1
	Earth Systems/Climate Change Course	3	ENVS 422 Earth's Climate System	3
	Forests and Ecosystems Course	3	ENVS 491 OR 498 Environmental Science Internship/Research	1-6
	Elective	3	Earth Systems/Climate Change Course	3
	Elective	3	Elective	3
	<i>Total credits</i>	<i>14</i>	<i>Total credits</i>	<i>11-16</i>