

DEGREE REQUIREMENTS	CURRICULUM NOTES
Credits: minimum of 120 credits Credits in major: 43 Minimum cumulative GPA :2.0	<ul style="list-style-type: none"> • Candidates must complete the 35 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 • Select at least 9 credits from the following courses: <ul style="list-style-type: none"> ○ MATH 305, MATH 410, MATH 411, MATH 460, STAT 373, STAT 400, STAT 401

	FALL		SPRING	
	COURSE	CREDITS	COURSE	CREDITS
FRESHMAN	<i>Fall Semester Odd Year</i>		<i>Spring Semester Even Year</i>	
	MATH 151 College Algebra for Calculus	4	MATH 152 Trigonometry	3
	Writing 111 Writing Across Contexts	3	WRTG 211 or 212 Writing and the Humanities or Writing and the Professions	3
	GER Social Science/Humanities	3	GER Social Science/Humanities	3
	GER Social Science/Humanities	3	GER Social Science/Humanities	3
	Elective	3	GER Lab Science	4
	<i>Total credits</i>	<i>16</i>	<i>Total credits</i>	<i>16</i>
SOPHOMORE	<i>Fall Semester Even Year</i>		<i>Spring Semester Odd Year</i>	
	MATH 251 Calculus I	4	MATH 252 Calculus II	4
	STAT 200 Elementary Statistics	3	MATH 265 Introduction to Mathematical Proofs	3
	General Education Requirement (GER) – Oral Communication	3	General Education Requirement (GER) – Fine Arts	3
	PHYS 123 or 211 College Physics or General Physics I	4	PHYS 124 or 212 College Physics or General Physics II	4
	Elective	3	Elective	3
<i>Total credits</i>	<i>17</i>	<i>Total credits</i>	<i>17</i>	
JUNIOR	<i>Fall Semester Odd Year</i>		<i>Spring Semester Even Year</i>	
	MATH 253 Calculus II	4	MATH 324 Advanced Calculus	3
	MATH 311 Modern Algebra	3	Upper Division Math/Stat Elective	3
	MATH 392 Junior Seminar	1	MATH 392 Junior Seminar	1
	Natural or Social Science	3	Natural or Social Science	3
	Upper Division Elective	3	Upper Division Elective	3
<i>Total credits</i>	<i>14</i>	<i>Total credits</i>	<i>13</i>	
SENIOR	<i>Fall Semester Even Year</i>		<i>Spring Semester Odd Year</i>	
	MATH 314 Linear Algebra	3	MATH 302 Differential Equations	3
	Upper Division Math/Stat Elective	4	Upper Division Math/Stat Elective	3
	MATH 492 Senior Seminar	1	MATH 492 Senior Seminar	1
	Upper Division Elective	3	Upper Division Elective	3
	Upper Division Elective	3	Upper Division Elective	3
<i>Total credits</i>	<i>14</i>	<i>Total credits</i>	<i>13</i>	