

Fisheries & Ocean Sciences w/ an Emphasis in Fisheries Science

Students starting at Math 152

Bachelor of Science

Typical 4 Year Program of Study

DEGREE REQUIREMENTS	CURRICULUM NOTES
Credits: minimum of 120 credits Credits in major: 66-68 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 44 credit hours of upper division (300 or above) courses, <ul style="list-style-type: none"> ○ 24 of which must be completed at UAS • Upper division elective options for the major can be found in the catalog, <ul style="list-style-type: none"> ○ Four credits of electives must be from the physical sciences: chemistry, geology, environmental science, or physics

FALL		SPRING		
	COURSE	CREDITS	COURSE	CREDITS
FRESHMAN	MATH 152 Trigonometry	3	Math 251 Calculus I	4
	BIOL 115 Fundamentals of Biology I	4	BIOL 116 Fundamentals of Biology II	4
	FISH F102 Fact of Fishin': Case Studies in Fisheries	1	BIOL 110 Introduction to Marine Fisheries	3
	GER - Humanities/Social Science	3	FISH F103 The Harvest of the Sea	2
	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>	<i>Total credits</i>	<i>16</i>
SOPHOMORE	STAT 200 Elementary Statistics	3	BIOL 271 Ecology	4
	GER – Oral Communication	3	FISH F288 Fish and Fisheries of Alaska or FT 222 Alaska Salmon Culture II	3
	GER - Humanities/Social Science	3	GER – Fine Arts	3
	CHEM 105 General Chemistry I	3	CHEM 106 General Chemistry II	3
	CHEM 105R General Chemistry I Lab	1	CHEM 105R General Chemistry I Lab	1
	FISH F261 Introduction to Fisheries Utilization or FT 274 Fisheries Biology	3		
<i>Total credits</i>	<i>16</i>	<i>Total credits</i>	<i>14</i>	
JUNIOR	BIOL 215 Introduction to Marine Biology	3	GER – Humanities/Social Science	3
	Upper Division Science Elective	3	Upper Division Science Elective	4
	PHYS 103/211 College Physics I/General Physics I	4	Upper Division Science Elective	4
	BIOL 310 Animal Physiology	4	ECON 202 Principles of Microeconomics	3
	<i>Total credits</i>	<i>14</i>	<i>Total credits</i>	<i>12</i>
Maymester FISH 315/414 FW Fisheries Techniques/Marine Ecology & Fisheries				3
SENIOR	BIOL 427 Ichthyology	4	Upper Division Science Elective	4
	BIOL 362 Genetics	4	Upper Division Science Elective	4
	STAT 401 Regression & Analysis of Variance	4	FISH 487 Fisheries Management	3
	GEOG 312 Humans & Environment or SOC 404 Environmental Sociology	3	BIOL 491/498 or FISH 490 Internship/Research	3
	<i>Total credits</i>	<i>15</i>	<i>Total credits</i>	<i>12</i>