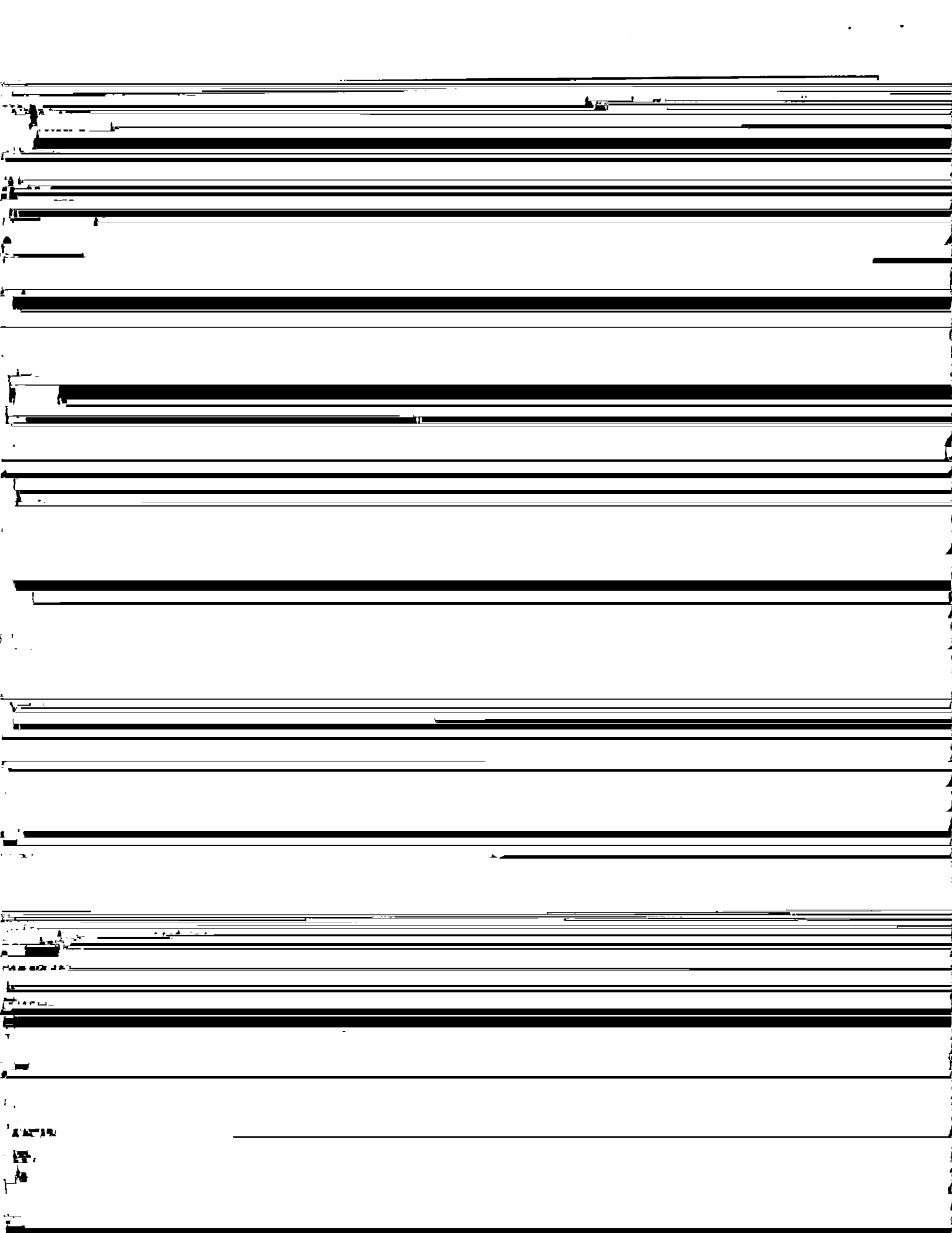




UNIVERSITY

Board of Regents Program Action Request
University of Alaska

1a. UA University (choose one) UAS	1b. School or College School of Arts & Sciences	1c. Department or Program Department of Natural Sciences
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Available to students via e-learning.

Page in the attached summary where the state needs to be met are discussed:

Joint UAF UAF Bachelor of Science Degree

**in Fisheries and Ocean Science with a Concentration in Fisheries Science
Program Proposal Summary**

1. Degree or certificate title

Joint UAF UAF Bachelor of Science in Fisheries and Ocean Science with a Concentration in Fisheries Science

Joint UAF UAF Bachelor of Science in Fisheries and Ocean Science with a Concentration in Fisheries Science

Jointly offered by the University of Alaska Southeast (UAS) School of Arts & Sciences, Department of Natural

When a student becomes a major in Fisheries and Ocean Science with a Concentration in Fisheries Science, he or

she is required to complete the student and the faculty of the department. The student must complete the following:

FISH* F414 Field Methods in Marine Ecology and Fisheries 3

Select one of the following (3 credits):

FISH* F425 Fish Ecology 3

FISH* F426 Behavioral Ecology of Fishes 3

FISH* F428 Physiology of Fishes 3

Select one of the following (4 credits):

PHYS S103 College Physics I 4

Select one of the following (3 credits):

SOC S404 Environmental Sociology** 3

GEOG S317 Humans and the Environment 3

Complete from UAS Biology or Marine Biology courses below:

BIOL S300 Vertebrate Zoology 4

BIOL S305 Invertebrate Zoology 4

BIOL S311 Communicating Science 3

BIOL S353 Tropical Marine and Coastal Ecology 3

BIOL S355 Experimental Design and Data Analysis 4

BIOL S373 Conservation Biology 4

BIOL S375 Current Topics in Biology 1

4. Rationale for the new program and educational objectives, student learning outcomes and plan for assessment

The goal of the Joint UAS-UAF Bachelor of Science in Fisheries and Ocean Science with a Concentration in Fisheries Science degree program is to educate undergraduate students in fisheries sciences with a particular

emphasis on the biology, assessment, and management of fish and invertebrate populations and their associated physical, chemical, geological, and biological marine and freshwater environments, in preparation for a career in the fisheries in Alaska and elsewhere.

The Joint UAF-UAS Bachelor of Science in Fisheries and Ocean Science with a Concentration in Fisheries Science

prepares students for graduate studies in related fields, and provides students with the knowledge base, skill

access and completion of educational goals.

Objective for Access: *Students are provided ready access to educational opportunities.* The workforce development goal of this proposed program is to significantly increase the number of students who come to

Theme 1: Student Achievement and Attainment: Students learn best, and are retained and persist to graduation when they develop relationships with faculty mentors. Full-time faculty members at UAS and UAF are positioned to be those mentors throughout a student's education. In addition, the UAS Alaska Native Science and Engineering Program (ANSEP) partnership for supporting biology, marine biology and

fisheries students is growing and becoming increasingly active on the Juneau Campus. The UAS biology programs are attracting increasing numbers of Alaska Native students, many of which have shown interest

Objective 4: Embrace the cultural diversity of Alaskans and promote cross-cultural understanding. The

ANSEP resources have a key partner in supporting undergraduate fisheries education at both UAS and

UAS. ANSEP resources support the recruitment and retention of Alaska Native and rural students to the joint bachelor's degree program from Southeast Alaska and across the state.

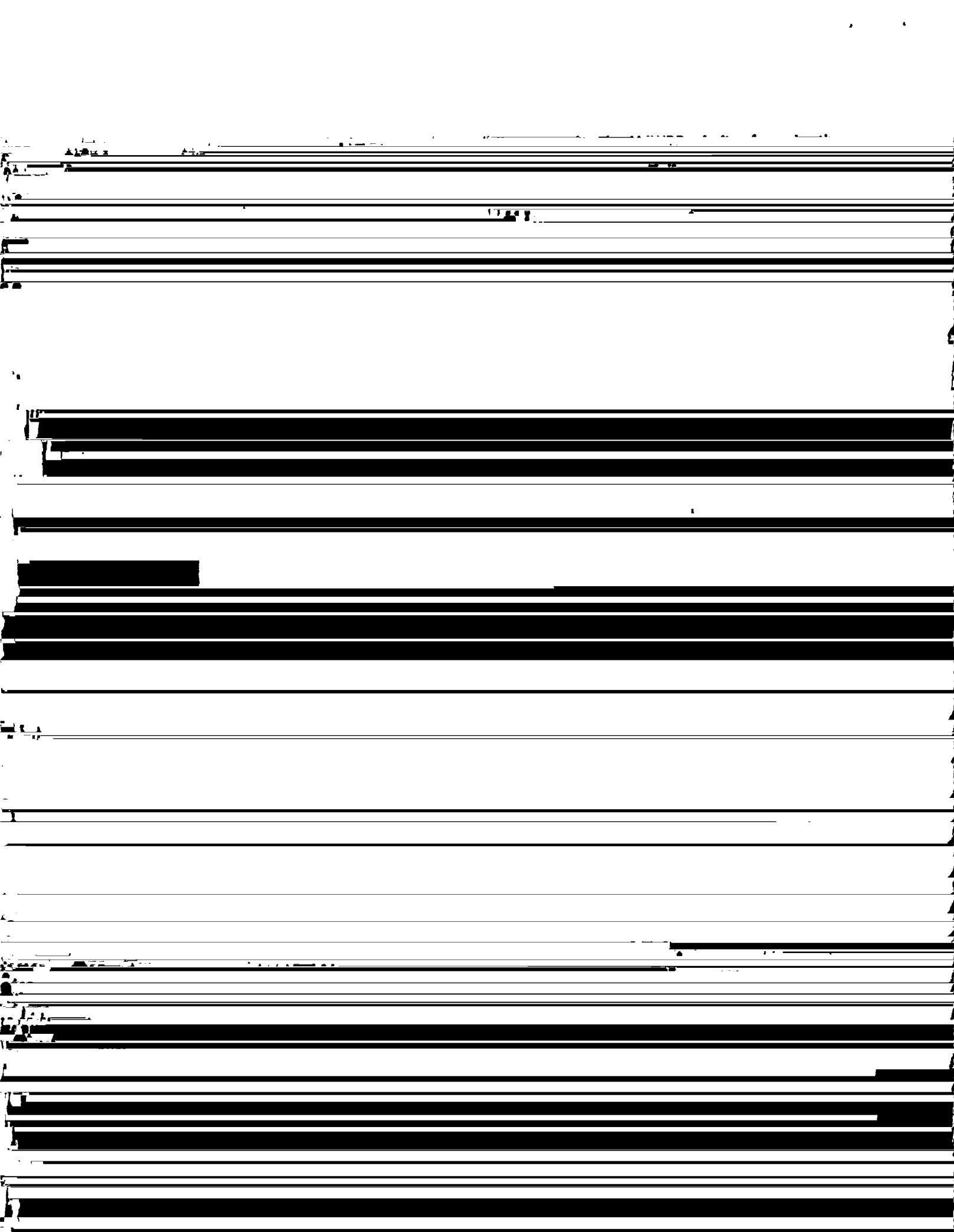
AMP Goal 2: Advance research, scholarship, and creative activity.

UAS. ANSEP resources support the recruitment and retention of Alaska Native and rural students to the joint bachelor's degree program from Southeast Alaska and across the state.

collaborative academic programs. The joint bachelor's degree program will build on the long history of successful collaboration and cooperation between UAS and UAF faculty to coordinate courses, programs and student advising in Juneau. This collaboration includes a high number of joint affiliate appointments for UAS faculty at UAF and vice versa.

6. Collaboration with other universities and community colleges

This proposed program has been developed in close consultation and collaboration with faculty from the College of Fisheries and Ocean Sciences at the UAF. Increasing geographical availability of obtaining the joint UAS-UAF Bachelor of Science degree in Fisheries and Ocean Science with a Concentration in Fisheries Science will increase the number of students enrolling in fisheries graduate studies at UAF. In addition, students enrolled in the Associate of Applied Science (AAS) in Fisheries Technology program offered from the UAS Sitka campus will be



The proposed program has been approved the UAS Curriculum Committee (1/20/2017) and is projected to be

13. Availability and quality and/or requirement for new faculty and/or staff to support the

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The program is consistent with and supportive of the Strategic Pathways Phase 2 plan.

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19. Projected cost of all required resources, revenue from all sources and a budgetary plan for

The IIAF budget for implementing the equivalent IIAF IIAE Bachelor of Science Fisheries and Ocean Science with

a Concentration in Fisheries Science program in Juneau are administered within the Biology/Chemistry program
budgets in the Department of Natural Sciences in the School of Arts & Sciences. The permanent program

UAS Biology & Chemistry Program Five-Year Projected Revenue and Expenditure Summary

	Expenditure	Budget	Budget	Budget	Budget
	TVEP Year 1	TVEP Year 2	TVEP Year 3	Year 4	Year 5
EXPENDITURES	FY16	FY17	F18	FY19	FY20
Code					
1000 Salaries & Benefits*					
New Tenure-Track Faculty in Marine Fisheries					
		\$ 69,000	\$ 69,690	\$ 67,273	\$ 67,647
TVEP Term Faculty					
72306 FSMI-UAS Fisheries TVEP16	\$ 90,720	\$ 69,000	\$ 69,690		
Biology & Chemistry Personal Services					
72220 Biology & Chemistry*	\$ 90,720	\$ 69,000	\$ 69,690	\$ 67,273	\$ 67,647