



**UNIVERSITY
of ALASKA
SOUTHEAST**

SITKA CAMPUS

AAS | Associate of Applied Science

Fisheries Technology



HANDS-ON

NATURE

PROBLEM SOLVING

SKILLS

"I would say the Fish Tech program at UAS has been a very positive experience. I would recommend it to anyone who wants to learn more about fish culture and what really happens out here. And that's what the fish tech program teaches you. It gives you a much better understanding, start to finish, of how this whole process works. If you love the ocean, and fishing, why not make it a career?"

*Zach Heathman
Fisheries Technology*

POTENTIAL CAREERS

- Fish Culturist
- Fisheries Management Assistant
- Fisheries Observer
- Fisheries Research Technician
- Fish and Wildlife Surveyor
- Habitat Restoration Technician
- Hatchery Technician
- Natural Resources Technician
- Stream Surveyor

Train in Alaska for a High Demand Career

Alaska is currently experiencing a shortage of fisheries technicians and fisheries biologists – a trend predicted to continue for at least the next 10 years. The University of Alaska Southeast Sitka Campus has partnered with industry and regulatory agencies to develop programs that can meet this growing need for qualified personnel.

The Associate of Applied Science in Fisheries Technology provides a broad educational and practical foundation in the field. Students completing the program will be prepared to pursue four-year degrees in fisheries or biology, or for entry-level employment in federal and state agencies, hatcheries, and the private sector. Online courses are available, offering maximum flexibility for students.

Fisheries technicians work in a wide variety of fields and for a wide variety of agencies, both private and public. Companies within the fisheries industry have donated scholarship money to make internship opportunities, training, and work experience a large part of the education process.

Additional UAS Opportunities

Occupational Endorsement

- Alaska Salmon Enhancement
- Fisheries Management

Certificate

- Fisheries Technology

Bachelor of Science

- Biology
- Fisheries
- Marine Biology, Marine Fisheries Emphasis

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DEGREE REQUIREMENTS | 60 credits

General Education Requirements

WRTG 111 Writing Across Contexts
 WRTG 211/212 Writing and the Professions
 Oral Communication GER
 MATH 105 or 151 Intermediate/College Algebra
 BIOL 103/104 or CHEM 103 or ENVS 102

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Most Fisheries Technology courses can be taken online, at your own pace. Sitka students can also enjoy the benefits of face-to-face classroom experience, since almost all of our courses are delivered in a "hybrid" format with local students attending lectures while online students tune in over the internet. This format also allows you to review missed classes via archived audio and screen records of live classes.

Major Requirements

CIS 105 Computer Literacy
 FT 111 Fisheries Management Techniques Lab
 FT 120 Fisheries of Alaska
 FT 122 Alaska Salmon Culture I
 FT 211 Fisheries Management Techniques
 FT 222 Alaska Salmon Culture II
 FT 230 Alaska Salmon Culture Lab
 FT 270 Freshwater Ecology
 FT 272 Fisheries Management, Law, and Economics
 FT 274 Fisheries Biology
 FT 291 Fisheries Technology Internship
 OCN 101 Intro to Oceanography

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With instructor approval, students can take select courses via iPad. These "off the grid" courses allow you to complete an entire course independent of the internet whenever you can squeeze it into your busy schedule. The waterproof iPads - provided as a free loan by UAS - contain all lectures, videos, readings, FAQs, and even the exams which you can take remotely without proctoring services.

iPad course offerings include: FT120 - Introduction to Fisheries of Alaska, FT122 - Alaska Salmon Culture I and FT222 - Alaska Salmon Culture II.

For other online courses, you will need a computer with a good internet connection, either at your home or at your nearest UA partner campus.

Select 8 credits from the following

BA 166 Small Business Management
 FT 125 Fish Pathology Lab
 FT 194 Fisheries Technology Practicum
 PE 103 Scuba Diving
 STAT 107 Survey of Statistics

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Certain courses include concentrated lab sessions, designed to give you hands-on training and provide the opportunity to work with classmates and instructors in a collaborative environment. These courses require physical attendance for up to one week at the UAS Sitka Campus or at one of our partner campuses in Ketchikan, Valdez, Homer, Kodiak, or Bethel.

DEGREE REQUIREMENTS: uas.alaska.edu/academics

Candidates must complete 17 credits of General Education Requirements (GERs) as well as program requirements. This is a suggested course sequence and does not take the place of program requirements listed in the UAS Academic Catalog. Students must work with an academic advisor to plan their course sequence. UA is an AA/EO employer and educational institution and prohibits illegal discrimination against any individual: uas.alaska.edu/titleix. Updated 10/2017