University of Alaska

Navigating Pathways to Marine Related Careers

High School (Univ. dual credit)

Technical Training (MAP, TVC, CTC, & others)

Certificate (Generally 1 year)

Alaska Seafood Processing Leadership Institute (UAF-MAP) Fishery Technology (UAS) Refrigeration (UAA) Welding & Diesel (UAA, UAF, UAS)

Associate of Applied Science Degree (1-3 Years)

Fishery Technology (UAS-K) (UAF-CRCD) Land & Renewable Resources (UAF - CRCD)

Bachelor of Arts/ Bachelor of Science (Usually 4 years)

Biology (UAA, UAF, UAS) Fisheries (UAF) Marine Biology (UAS)

Master of Science (usually 2 years beyond BS/BA)

Biology (UAA, UAF, UAS) Business (UAA, UAF, UAS) Economics (UAA, UAF, UAS) Interdisciplinary (UAF) Marine Biology (UAF, UAS) Oceanography (UAF)

PhD (usually 4-5 years beyond MS)

Business (UAA, UAF, UAS) Economics (UAA, UAF, UAS) Fisheries (UAF) Marine Biology (UAF) Oceanography (UAF)

Fishery technician Fishery technician · Hatchery technician Tribal environmental Seafood processor coordinator

- Seafood processor
- Harvester
- Support industry work welding, fiberglass, refrigeration, etc.

- Marine support industries
- Fishery biologist state & federal
- Hatchery worker or manager
- · Seafood processor management or QC
- Science teacher-Science Fishery observers
- Fishery biologist state or federal
- Seafood research analyst
 - Fishery manager
- Extension agent
- Seafood Processing Manager
 - Economist
 - Policy Analyst

Fishery researcher Marine biologist

- Oceanographer
- University faculty member
- Seafood scientist
- Seafood Processing Manager
 - Economist
- Policy Analyst

Key to the Campuses

UAA - University of Alaska Anchorage Community and Technical College (CTC)

UAS - University of Alaska Southeast

J - Juneau K - Ketchikan

UAF - University of Alaska Fairbanks

- CRCD College of Rural and Community Development TVC - Tanana Valley Campus, Fairbanks IAC - Interior Aleutians Campus NW - Northwest Campus - Nome KC - Kuskokwim Campus - Bethel BB - Bristol Bay Campus - Dillingham SFOS - School of Fisheries and
- Ocean Sciences MAP - Marine Advisory Program