

Interested in aquaculture, fisheries or oceanography?

MSc Eng Programme in Aquatic Science and Technology



Aquatic Science and Technology

Aquatic Science and Technology is a two-year master's degree programme at DTU, Technical University of Denmark.

The programme focuses on the global environmental challenges to aquatic ecosystems, sustainable fisheries, ecosystem-based management, and fish production in land-based aquaculture.

The programme provides a multidisciplinary curriculum by combining natural sciences with engineering and a possibility of specializing in aquaculture, fisheries or oceanography.

Facts about the programme

- More than 120 ECTS of specialized courses.
- Many possibilities for project work.
- Small classes with focus on teacher-student dialogue and group work.
- Semester start in February and September.
- No tuition fee for EU citizens.



Aquaculture specialization: Sustainable fish farming for the future

- Recirculating aquaculture technology and design.
- Nutrition, energetics, welfare and genetics in aquaculture.
- Sustainable feed development.
- Reducing environmental impact of aquaculture through design and innovation.





Fisheries specialization: Research-based sustainable management

- Stock assessment and ecosystem-based management of freshwater and marine fish.
- Effects of commercial and recreational fisheries on ecosystems.
- Fish ecology, fisheries oceanography and genetics.



Oceanography specialization: Research on global environmental challenges

- Modern ocean-going science and technology.
- Multidisciplinary: physical, chemical and biological oceanography.
- Combining field and laboratory observations with mathematical models.





Web & Social Media

dtu.dk/ast

facebook.com/aquascitech

Questions about the MSc Eng Programme

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Questions about Admission

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"I have found that the combination of biological, physical and mathematical process understanding is uncommon but very sought after."

Trine Cecilie Larsen
MSc Eng in Aquatic Science and Technology
and Hydraulic Modeller at Mott MacDonald