

Internship Project (I002866)

Course size *(nominal values; actual values may depend on programme)*

Credits 7.5 **Study time 200 h**

Course offerings in academic year 2025-2026

A (semester 1) English Gent

Lecturers in academic year 2025-2026

Reitan, Kjell Inge	TRONDH01	lecturer-in-charge
Båtnes, Anna Solvang	TRONDH01	co-lecturer
Finstad, Bengt	TRONDH01	co-lecturer
Olsen, Rolf Erik	TRONDH01	co-lecturer

Offered in the following programmes in 2025-2026

	crdts	offering
International Master of Science in Health Management in Aquaculture	7.5	A

Teaching languages

English

Keywords

Aquaculture, health management, scientific project, externally generated project, adviser from partner universities, final evaluation

Position of the course

All learning lines of EM AquaH include a mandatory internship within relevant socio-cultural/economic and professional environments in non-academic partners/associations. This professional practice module will involve a working load of 7.5 ECTS in the learning line Health and Ecosystem at NTNU, which corresponds roughly to 200 h (alternatively is another course Internship Project Comprehensive, giving 22.5 ECTS and workload of 600h). The internship aims at acquainting the student with the real working environment through practical training, teamwork, and individual learning.

Contents

The NTNU learning line of EM AquaH is "Ecosystem and health" include a mandatory internship within relevant socio-cultural/economic and professional environments in non-academic partners/associations or research institutions. This internship aims at acquainting the student with the real working environment through practical training, teamwork, and individual learning.

The students will receive a list of potential internship hosts. Students are encouraged to contact specific companies of interest.

Possible external parties:

- Norwegian Seafood Federation (<100 member companies in Central Norway)
- NCE Aquatech Cluster (107 partners, most companies)
- SINTEF Ocean
- NINA
- The Norwegian Veterinary Institute (NVI)

An agreement should be drafted and signed by the student, the host company and supervisor at NTNU explaining rights and duties of each party. The agreement can also describe the content of the project and the criteria for scoring the internship. Student, supervisor and external party plan the project, especially details regarding practical support and how the project will be conducted at the external company/organization.

Initial competences

All students enrolled in MSAQUAH and MSOCEAN are qualified to do the Internship course.

Final competences

- 1 After finishing the Internship project, candidates will have knowledge on:
 - 1 How to approach and discuss project cooperation with external partners in aquaculture
 - 2 How the health management actors in the industry might use research to obtain knowledge
 - 3 Methods used in research in aquaculture health
 - 4 Analyzing, synthesizing and presenting project results to partners and advisers
- 2 After finishing the Internship Project, candidates will based on their knowledge be able to
 - 1 Propose scientific projects to help solving health problems in aquaculture.
 - 2 Communicate with health actors and in clear words describe disorders to support expert diagnosis
 - 3 Select methods for use in research and assessment of health state
 - 4 Together with advisers, plan a small research project related to specific aquaculture health issue.
- 3 After finishing AquaHealthClub, candidates will based on their knowledge and skills be able to:
 - 1 Better see the industry perspectives and challenge of aquaculture health managements
 - 2 See earlier gained theoretical knowledge and skills in broader scientific and societal perspectives
 - 3 Inspire and occasionally lead a multidisciplinary team in scientific project on aquaculture health.
 - 4 Communicate practical challenges of aquaculture management issues beyond the health sector in a societal and public perspective

Conditions for credit contract

This course unit cannot be taken via a credit contract

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Practical, Independent work, Work placement

Extra information on the teaching methods

Students must conduct a planned scientific research project with a company/external organization. This course involve work in the external partner premises and in offices or laboratories of NTNU during final data analysis and writing.

The approximate working load of the course is 200 hours.

Written report is mandatory.

This internship aims at acquainting the student with the real working environment through practical training, teamwork, and individual learning. The forms of learning will vary depending on company/external organization and project.

Study material

None

References

Teaching material is provided by advisers from industry and university upon start of the specific student research project.

Course content-related study coaching

Support in selection of projects, guidance of student during research preparations, study guidance during project executions, presentation in final oral exam

Assessment moments

continuous assessment

Examination methods in case of periodic assessment during the first examination period

Examination methods in case of periodic assessment during the second examination period

Examination methods in case of permanent assessment

Oral assessment, Presentation, Assignment

Possibilities of retake in case of permanent assessment

examination during the second examination period is possible in modified form

Extra information on the examination methods

Mandatory activity must be passed to be able to take the oral exam/presentation
Assessment in course is oral exam/presentation counting 100% towards final grade.

Calculation of the examination mark

The quality of the written report will count 25% of the final grade, the scientific approach and the results communicated orally counts 75%.