GHENT UNIVERSITY

Course Specifications

Valid in the academic year 2024-2025

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 2024-2025

A (semester 1) English Gent

Lecturers in academic year 2024-2025

Reitan, Kjell Inge	TRONDH01	lecturer-in-charge
Tort, Lluis	BARCELO7	co-lecturer
Wiegertjes, Geert F	WAGENI01	co-lecturer

Offered in the following programmes in 2024-2025	**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. This professional practice module will involve a working load of 7.5 ECTS at NTNU, which corresponds roughly to 200 h. This internship aims at acquainting the student with the real working environment through practical training, teamwork, and individual learning.
The AquaH Program Secretariat will be responsible for collecting a list of potential internship hosts from all partners, including associate and industry partners. Students of both study program are encouraged to contact specific companies of interest to them for internships subjects. The AquaH Steering Committee will examine whether the proposed internships meet the required scientific content. An agreement will be drafted and signed by the student, the host company and the adviser for both MSAQUAH and MSOCEAN. The agreement will in detail explain the rights and duties of the student and the professional partner, it will describe the content of the project and the criteria for scoring the internship. Projects will be carefully planned and discussed with student and supervisor well before the start. Once starting, the host will foresee practical support and advice on how the internship can be practically undertaken. The internships will be part of the NTNU course catalogue.
NTNU has included the Norwegian Seafood Federation (<100 member companies in Central Norway) and a national Centre of Expertise, the NCE Aquatech Cluster

(107 partners, most companies) through which internship partners can be identified and mobilised. Besides, SINTEF Ocean and the Norwegian Veterinary Institute (NVI,) which is an associated partner of MSAQUAH, can host internship students. The associate partner universities UMT, KU and CTU of MSAQUAH, through their affiliation with the ASEAN-FEN network of leading SE Asian universities, can mobilize a vast network of potential hosts among research and industry partners in the Southeast Asian region.

Initial competences

All students taken up in the EM AquaH master program according to procedures established can be taken up, these students will always have a first semester at UGent. Students of MSOCEAN are taken up based on their earlier marine biological, biotechnological and technological education dependent on specialization.

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 carry through a planned scientific research project with external private or associated partner. MSAQUAH and specializations of MSOCEAN include internship project undertaken in a non-academic partners/associations. This course involve work in the external partner premises and in offices or laboratories of NTNU during final data analysis and writing. The course involves a working load of 200 h, giving 7.5 ECTS. This internship aims at acquainting the student with the real working environment through practical training, teamwork, and individual learning. The forms of learning will likely be very different for students.

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

The course evaluation for the MSAQUAH students at NTNU will follow normal procedures, with contact students appointed from start student groups. Both the students and the course manager can bring up topics. At the end, the students must communicate their results and conclusions in written report (can be a PowerPoint presentation) and in an oral presentation to project owner and advisers in the university. The presentation will involve discussion/defense as part of an oral exam, resulting in normal grades A-F and 7.5 ECTS if passed. T

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%.