GHENT UNIVERSITY

Course Specifications

Valid as from the academic year 2025-2026

AquaHealth Club (I002865)

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

Finstad, Bengt	TRONDH01	lecturer-in-charge
Olsen, Yngvar	TRONDH01	co-lecturer
Reitan, Kjell Inge	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

Seminar series, all students meet weekly in the virtual space, health issues, student driven, external lecturer

Position of the course

The course is obligatory for all AquaH students at all partner universities. Students are awarded 7.5 ECTS after the 3rd semester upon documentation that they have attended actively >80% of the seminars and taken part as organizers of their share. AquaHealth Club is inspired by BI3062 Science Seminars, Marine which is obligatory for all MSOCEAN students at NTNU, but AquaHealth Club is a digital meeting place for EM AquaH students staying at different partners. Students will interact through Zoom .

Contents

The course is mandatory for MSAQUAH (AquaH) students at NTNU.
The course is organized as an advised self-study; including selection of health topic, literature searching, undertaking a comprehensive literature review, presentation and finally discussion of result in seminar with other NTNU students.
The AquaH students at the partner universitites may participate and have interaction in the seminars given by the NTNU students.
The AquaH students at NTNU select, together with the responsible teacher, a main topic of health/welfare of Atlantic salmon or another famed species/group. The topics are within the NTNU learning line: "Ecosystem-health".
The AquaHealthClub course is a means to overcome the challenges of interaction between the three student groups throughout the study. AquaHealthClub will contribute to give students knowledge across learning lines, which is important for their final experience and competence.

Initial competences

The course is mandatory for NTNU AquaH students. The students are admitted to the EM program after requirements set by the consortium. Else, they will get their recommended background for NTNU study during the first semester at UGent.

Final competences

1 **Knowledge** is an understanding of theories, facts, concepts, principles and procedures in subjects, disciplines and professions. After finishing AquaHealthClub, candidates will have knowledge on:

1 Recent most important published knowledge in the aquaculture health sector in their learning line
2 Main issues and challenges in aquaculture health outside their learning line.
3 Interdisciplinary challenges of aquaculture health across learning lines
4 The aquaculture private sector, activities and challenges

2 **Skills**: Ability to apply knowledge to solve problems, including cognitive, practical, creative and communicative skills. After finishing AquaHealthClub, candidates will based on their knowledge be able to:
1 Extract important results from literature, knowledge from their own but also from the other learning lines
2 Take part in scientific and public discussions in the aquaculture health field
3 React convincingly to critical and other questions from the public
4 Organize and lead a scientific seminar or meeting among colleagues and aquaculture actors

3 **General competence**: Be able to apply knowledge and skills independently in different situations in education and professional contexts by showing cooperation ability, accountability, ability to reflect and critical thinking. After finishing AquaHealthClub, candidates will based on their knowledge and skills be able to:
1 Understand and reflect on aquaculture health issues in a wider marine science perspective
2 Understand and react soundly to new questions and challenges in the aquaculture health field
3 Evaluate and act to solve problems as part of multidisciplinary team
4 Analyze critically and communicate aquaculture 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

Group work, Seminar, Lecture, Independent work

Extra information on the teaching methods

AquaHealthClub is a series of scientific seminars which secure that all relevant topics in the learning line "Ecosystem and health" are covered by relevant scientific knowledge for NTNU AquaH students. Moreover, it also secures interactions among student across learning lines (partners) and identity building in the EM master program.

Learning activities will include:

- Fifteen 2 hour seminars, 8 organized and run by NTNU students and 6 by partners
- Two 1 hour presentations given by external lectures

Each student will review 5 scientific papers, or 50-60 pages, prepare a report/lecture, communicate the results in a seminar, and chair the seminar discussions and interactions among NTNU and in partner students. All students must read the papers and prepare for the discussion. All must be active.

The total workload of the students is estimated to 200 hours

Attendance of all MSAQUAH students in NTNU seminars is obligatory for the NTNU students. Participation will be monitored.

Study material

None

References

Scientific publications are made available by NTNU.

Course content-related study coaching

Selection of topics for seminars, inviting external speakers, guidance of student groups during their preparations, study guidance during preparation of

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, Participation, Presentation, Peer and/or self assessment, 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

Oral exam (100%) with letter grade A-F.
The grade is based on the presentation of own review report followed by questions from own and other students work presented in the seminars.

Calculation of the examination mark