

AquaHealth Club (1002928)

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

Credits 6.0 **Study time 180 h**

Course offerings in academic year 2025-2026

A (semester 1) English Gent

Lecturers in academic year 2025-2026

Declercq, Annelies LA22 lecturer-in-charge

Offered in the following programmes in 2025-2026

	crdts	offering
International Master of Science in Health Management in Aquaculture	6	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 attending their third semester in Wageningen will be awarded 6 ECTS after the 3rd semester upon documentation that they have attended actively >80% of the seminars they are obliged to attend 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.

The AquaHealth Club course focuses on disease prevention management and health in aquaculture. Students will explore various health-related topics within the field of aquaculture, choosing one specific area to study in depth. The course is designed to provide students with a comprehensive understanding of the key health issues affecting aquaculture species of their interest. Through a series of seminars and presentations, students will engage with scientific literature, review papers, and research findings to develop a thorough understanding of their chosen topic.

Contents

1. Topic Selection:
 - Students will choose one main health topic related to disease prevention management and health in aquaculture.
 - Each student will focus on a specific aquaculture species of their interest.
 - Topics must be approved by the course responsible.
2. Literature Review:
 - Students will conduct a literature review on their chosen topic, based on at least 5 key scientific publications.
 - The literature review should include at least 3 review papers and 2 research papers.
 - Selected publications should be relatively new, with review papers from 2013 or more recent and research papers less than 5 years old.
3. Seminar Presentations:
 - 4 WUR-seminars will be organized, with two topics presented per seminar.
 - For each topic, one student will present their findings, and another student will

moderate the seminar and ask questions.

- Students will be responsible for setting up the seminar invitation, opening the seminar, giving their presentation, moderating the discussion, and recording the session.

4. Evaluation:

- WUR students must attend all 4 WUR seminars.
- In addition to the WUR seminars, students must attend at least 6 seminars offered by NTNU and UAB.
- A student-moderator will be responsible for creating an official summary of each session.
- The PowerPoint presentation will serve as the oral exam, including the answering of questions after the presentation.
- Questions asked to a colleague student will also be scored and count towards the exam grade.
- PowerPoint presentations must be uploaded at least two days before the seminar presentation and be accessible to supervisors and the student preparing questions.

Initial competences

Competence for admission to EM AquaH study program and first semester courses at UGent.

Final competences

1 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 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 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

Learning activities will consist of two-hour seminars, with an introductory session in the first semester and weekly seminars throughout the second and third semesters, aligned with the assigned workload. The chosen topic will be explored using a minimum of five key scientific publications, including at least three review papers. These papers should cover the selected main topic and being relatively recent (published in 2013 or later for reviews, and within the last five years for research papers). Each student will take on the main responsibility of reviewing approximately five papers.

Study material

None

References

Publications and books/chapters made available

Course content-related study coaching

Selection of seminar topics, guiding student groups during their preparations, and providing study guidance during preparation.

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**

Participation, 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**Evaluation:**

Students will be evaluated through continuous, non-periodic assessment.

Evaluation will be based on the timely submission of papers and additional information gathered on the chosen topic. Students are required to upload their PowerPoint presentations in advance (specific timing will be provided during the first seminar).

The evaluation process will include an oral exam, during which students will present their PowerPoint presentation. They will also moderate a session for another student, where they will be responsible for keeping track of time and leading the questioning.

The oral exam will follow this format:

- Presentation of PowerPoint (30 minutes)
- Discussion led by the moderator (20 minutes)
- Question and answer session (10 minutes)

Timeliness in submission and adherence to the given format will be essential components of the evaluation process.

Additionally, it's important to note:

- Participation requirement: There is a requirement of active participation in at least 80% of the seminars for WUR students to be admitted to receive 6 ECTS by the end of the 3rd semester. Participation will be monitored by respective university partners.
- Assignments: Assignments include preparations and reporting from seminars, shared among the students.
- Specific requirements for WUR students: Specifically for WUR students, the following additional requirements apply:
 - WUR students must attend all WUR seminars.
 - In addition to the WUR seminars, students must attend at least 6 seminars offered by NTNU and UAB.
 - A student-moderator will be responsible for creating an official summary of each session.
 - The PowerPoint presentation will serve as the oral exam, including the answering of questions after the presentation.
 - Questions asked to a colleague student will also be scored and count towards the exam grade.
 - PowerPoint presentations must be uploaded at least two days before the seminar presentation and be accessible to supervisors and the student preparing questions.

Calculation of the examination mark

