

Aquatic Farm Management Training (I002895)

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

Credits 3.0	Study time 90 h	Contact hrs	30.0h
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Course offerings in academic year 2022-2023

A (semester 2)	English	Gent
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Lecturers in academic year 2022-2023

Bossier, Peter	LA22	lecturer-in-charge
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Offered in the following programmes in 2022-2023

	crdts	offering
Master of Science in Aquaculture	3	A
Exchange Programme in Bioscience Engineering: Agricultural Sciences (master's level)	3	A

Teaching languages

English

Keywords

Management and zootechnical, economical and societal aspects of aquaculture implants, excursion.

Position of the course

Various visits are paid to algae, fish, shrimp, mussel and/or oyster farms and aquaculture related research institutes during a one-week excursion to a European region having significant aquaculture relevance. Economical, managerial, environmental and zootechnical aspects of the farms are analysed. It is furthermore important to get a critical view on the farm by the student. Zootechnical aspects will be water treatment systems, tank design, hygiene, prevention, life food department, transport, culture aspects, etc. Economical aspects are market prices of larvae and finished product, production schedule vs expenses.

Contents

1. Overview of the extensive and intensive aquaculture farms that will be visited
2. Group visit to various aquaculture farms

Initial competences

General biology, chemistry, biochemistry and basic knowledge on aquaculture.

Final competences

- 1 The student understands and is able to describe the zootechnical aspects of running an aquaculture farm.
- 2 The student understands the economics of running an aquaculture farm.
- 3 The student is able to report on the zootechnical, environmental and economic aspects of running an aquaculture farm.

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Group work, Microteaching, Guided self-study, Excursion, Lecture

Extra information on the teaching methods

Theory lectures: interactive lectures based on powerpoint presentations.

Microteaching: student presentations during interactive lectures.

Excursion: farm and research institute visits.

Learning materials and price

Printout of the powerpoint presentation will be available during all classes.

Estimated cost of the printouts: 10 euro (included in fee that is paid in the beginning of the academical year).

The excursion costs not more than 550 euro (VLIR scholarship students do not have to pay the excursion cost).

References**Course content-related study coaching**

Study guidance upon request by email or on appointment.

Assessment moments

end-of-term and continuous assessment

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

Oral examination

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

Oral examination

Examination methods in case of permanent assessment

Report, Participation, Assignment

Possibilities of retake in case of permanent assessment

examination during the second examination period is not possible

Extra information on the examination methods

Period aligned evaluation: excursion: report defense.

Non-period aligned evaluation: excursion and microteaching: participation, presentation and report.

Calculation of the examination mark

Out of 20:

10 points attributed to the excursion-report

10 points on the presentation and defense of excursion report

Students that do not attend the excursion or the microteaching sessions without a valid reason, should retake the course the next academic year.

Students who eschew period aligned and/or non-period aligned evaluations for this course unit may be failed by the examiner.