

## Aquatic Farm Management Training (I002895)

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

**Credits** 3.0

**Study time** 90 h

**Course offerings in academic year 2024-2025**

**Lecturers in academic year 2024-2025**

**Offered in the following programmes in 2024-2025**

**crdts**

**offering**

### 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, Excursion, Lecture, Independent work, Peer teaching

**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.

**Study material**

None

**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 assessment

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

Oral assessment

**Examination methods in case of permanent assessment**

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.