

Faculty of Bioscience Engineering  
Master of Science in Aquaculture

Language of instruction: English

Programme version 13

## 1 General Courses 84 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	I002504 Applied Freshwater Ecology <i>Peter Goethals -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: unknown</a>	3		1	A:1	90
2	I002535 Applied Marine Ecology <i>Colin Janssen -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: € 0</a>	3		1	A:1	90
3	I003023 Basic Principles in Aquaculture Techniques <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: unknown</a>	4		1	A:1	120
4	I003024 Lab Facility Management <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: unknown</a>	4		1	A:1	120
5	I002787 Biology of Fishes <i>Dominique Adriaens -- Department of Biology</i> <a href="#">Indicative price: € 14</a>	4		1	A:1	120
6	I002789 Microbial Ecology and Environmental Sanitation <i>Tom Defoirdt -- Department of Biotechnology</i> <a href="#">Indicative price: € 10</a>	4		1	A:1	120
7	I001084 Technology of Fishery Products <i>Frank Devlieghere -- Department of Food Technology, Safety and Health</i> <a href="#">Indicative price: € 15</a>	3		1	A:1	75
8	I002756 Applied Statistics <i>Louis Coussemment -- Department of Data Analysis and Mathematical Modelling</i> <a href="#">Indicative price: unknown</a>	5		1	A:1	150
9	I001579 Physiology of Aquatic Organisms <i>Thomas Van Hecke -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: unknown</a>	3		1	A:2	75
10	I000086 Algae Culture <i>Taejun Han -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: € 0</a>	3		1	A:2	75
11	I002794 Aquaculture Nutrition <i>Veerle Fievez -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: € 0</a>	5		1	A:2	150
12	I000928 Aquaculture Environmental Impact <i>Jana Asselman -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: € 0</a>	3		1	A:2	90
13	I003025 Advanced Aquaculture Techniques <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: unknown</a>	6		1	A:2	180
14	I003026 Aquatic Farm Management Training <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: € 600</a>	6		1	A:2	180

15	I002698	Water Quality Management <i>Peter Goethals -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: unknown</a>	4	1	A:2	120
16	I002165	Management in the Aquaculture Industry <i>Margriet Drouillon -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: unknown</a>	3	2	A:1	75
17	I002084	Viral Disease Management <i>Hans Nauwynck -- Department of Translational Physiology, Infectiology and Public Health</i> <a href="#">Indicative price: unknown</a>	3	2	A:1	90
18	I003027	Aquaculture Genetics <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: € 0</a>	5	2	A:1	150
19	I002796	Diseases in Aquaculture <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: unknown</a>	6	2	A:1	180
20	I002797	Fish and Shellfish Immunology <i>Daisy Vanrompay -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: € 15</a>	4	2	A:1	120
21	I002086	Aquatic Microbial Community Management <i>Tom Defoirdt -- Department of Biotechnology</i> <a href="#">Indicative price: € 10</a>	3	2	A:1	75

## 2 Elective Courses 6 credits

Subscribe to 6 credit units from 1 module from the following list. Subject to approval by the faculty.

### 2.1 Internship or Project

Nr	Course	CRDT	Ref	MT1	Session	Study
1	I003028 Internship <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: € 0</a>	6		2	A:J	180
2	I003029 Project <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: € 0</a>	6		2	A:2	180

### 2.2 Ghent University Elective Courses

Subscribe to no more than 6 credit units from courses offered at Ghent University, including the [Ghent University Elective Courses](#). Subject of approval by the study programme committee.

## 3 Master's Dissertation 30 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	I001507 Master's Dissertation <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i> <a href="#">Indicative price: € 0</a>	30		2	A:J	900

### Programme related study costs

Type: Laptop

Name: Laptop

Indicative price: € 1,000

Optional: No

Type: Lab Material

Name: Lab coat

Indicative price: € 30

Optional: No

Type: Lab Material

Name: safety glasses

Indicative price: € 15

Optional: No

## Teaching

When a course is not taught (solely) in the programme's language of instruction, the effectively used languages are indicated in square brackets following the course name, using the following ISO codes:

bg: Bulgarian	de: German	es: Spanish	ja: Japanese	pl: Polish	sh: Croatian/Serbian	zh: Chinese
cs: Czech	el: Greek	fr: French	nl: Dutch	pt: Portuguese	sl: Slovene	
da: Danish	en: English	it: Italian	no: Norwegian	ru: Russian	sv: Swedish	

## Semester

Semesters are indicated by their number (1 or 2); semester 3 represents the summer period and J indicates a course spanning semesters 1 and 2. When a capital letter precedes a semester number, the course has multiple offerings. The letter indicates the offering concerned.

When a semester is shown in brackets, the course is not offered this year in the specific offering.

The offering frequency and first year of offering are indicated by the following codes:

a: bi-annually	c: annually, from 2025-2026	f: annually, from 2026-2027	i: annually, from 2027-2028
b: tri-annually	d: bi-annually, from 2025-2026	g: bi-annually, from 2026-2027	j: bi-annually, from 2027-2028
	e: tri-annually, from 2025-2026	h: tri-annually, from 2026-2027	k: tri-annually, from 2027-2028

## Learning materials

The prices stated are indicative and subject to fluctuations.

The list of learning materials per course unit can be found in the course sheets.