



**Faculty of Bioscience Engineering  
Master of Science in Aquaculture**

Language of instruction: English  
Programme version 12

<b>1 General Courses</b>						<b>85 credits</b>	
Nr	Course		CRDT	Ref	MT1	Session	Study
1	I002504	Applied Freshwater Ecology <i>Peter Goethals -- Department of Animal Sciences and Aquatic Ecology</i>	3		1	A:1	90
2	I002535	Applied Marine Ecology <i>Colin Janssen -- Department of Animal Sciences and Aquatic Ecology</i>	3		1	A:1	90
3	I002787	Biology of Fishes <i>Dominique Adriaens -- Department of Biology</i>	4		1	A:1	120
4	I002788	Freshwater Fish Culture Techniques <i>Nancy Nevejan -- Department of Animal Sciences and Aquatic Ecology</i>	6		1	A:1	180
5	I002789	Microbial Ecology and Environmental Sanitation <i>Tom Defoirdt -- Department of Biotechnology</i>	4		1	A:1	120
6	I001084	Technology of Fishery Products <i>Frank Devlieghere -- Department of Food Technology, Safety and Health</i>	3		1	A:1	75
7	I002756	Applied Statistics <i>Aisling Daly -- Department of Data Analysis and Mathematical Modelling</i>	5		1	A:1	150
8	I002854	Principles of Marine Fish Larviculture <i>Gilbert Van Stappen -- Department of Animal Sciences and Aquatic Ecology</i>	3		1	A:1	90
9	I002855	Applied Marine Fish Larviculture <i>Peter Bossier -- Department of Animal Sciences and Aquatic Ecology</i>	3		1	A:2	90
10	I001579	Physiology of Aquatic Organisms <i>Gudrun De Boeck -- Department of Animal Sciences and Aquatic Ecology</i>	3		1	A:2	75
11	I000086	Algae Culture <i>Peter Bossier -- Department of Animal Sciences and Aquatic Ecology</i>	3		1	A:2	75
12	I002895	Aquatic Farm Management Training <i>Peter Bossier -- Department of Animal Sciences and Aquatic Ecology</i>	3		1	A:2	90
13	I002791	Mollusc and Crustacean Culture <i>Nancy Nevejan -- Department of Animal Sciences and Aquatic Ecology</i>	5		1	A:2	150
14	I002794	Aquaculture Nutrition <i>Veerle Fievez -- Department of Animal Sciences and Aquatic Ecology</i>	5		1	A:2	150
15	I000928	Aquaculture Environmental Impact <i>Jana Asselman -- Department of Animal Sciences and Aquatic Ecology</i>	3		1	A:2	90
16	I002698	Water Quality Management <i>Peter Goethals -- Department of Animal Sciences and Aquatic Ecology</i>	4		1	A:2	120
17	I002165	Management in the Aquaculture Industry <i>Peter Bossier -- Department of Animal Sciences and Aquatic Ecology</i>	3		2	A:1	75
18	I002795	Aquaculture Genetics <i>Peter Bossier -- Department of Animal Sciences and Aquatic Ecology</i>	6		2	A:1	180
19	I002796	Diseases in Aquaculture <i>Peter Bossier -- Department of Animal Sciences and Aquatic Ecology</i>	6		2	A:1	180
20	I002084	Viral Disease Management <i>Hans Nauwynck -- Department of Translational Physiology, Infectiology and Public Health</i>	3		2	A:1	90

21	I002797	Fish and Shellfish Immunology <i>Daisy Vanrompay -- Department of Animal Sciences and Aquatic Ecology</i>	4	2	A:1	120
22	I002086	Aquatic Microbial Community Management <i>Peter Bossier -- Department of Animal Sciences and Aquatic Ecology</i>	3	2	A:1	75

## 2 Elective Courses

5 credits

Subscribe to 5 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	I002856	Internship <i>Peter Bossier -- Department of Animal Sciences and Aquatic Ecology</i>	5		2	A:J	125
2	I002857	Project <i>Peter Bossier -- Department of Animal Sciences and Aquatic Ecology</i>	5		2	A:2	125

### 2.2 Ghent University Elective Courses

Subscribe to no more than 5 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>Peter Bossier -- Department of Animal Sciences and Aquatic Ecology</i>	30		2	A:J	900

### 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 2023-2024	f: annually, from 2024-2025	i: annually, from 2025-2026
b: tri-annually	d: bi-annually, from 2023-2024	g: bi-annually, from 2024-2025	j: bi-annually, from 2025-2026
	e: tri-annually, from 2023-2024	h: tri-annually, from 2024-2025	k: tri-annually, from 2025-2026