

# Study Programme

Academic year 2022-2023

Faculty of Bioscience Engineering Master of Science in Aquaculture

Language of instruction: English

Programme version 12

1	Genera	l Courses	85 credits			
Nr	Course		CRDT	Ref MT1	Session	Study
1	1002504	Applied Freshwater Ecology Peter Goethals Department of Animal Sciences and Aquatic Ecology	3	1	A:1	90
2	1002535	Applied Marine Ecology Colin Janssen Department of Animal Sciences and Aquatic Ecology	3	1	A:1	90
3	1002787	Biology of Fishes  Dominique Adriaens Department of Biology	4	1	A:1	120
4	1002788	Freshwater Fish Culture Techniques  Nancy Nevejan Department of Animal Sciences and Aquatic Ecology	6	1	A:1	180
5	1002789	Microbial Ecology and Environmental Sanitation Tom Defoirdt Department of Biotechnology	4	1	A:1	120
6	1001084	Technology of Fishery Products Frank Devlieghere Department of Food Technology, Safety and Health	3	1	A:1	75
7	1002756	Applied Statistics Aisling Daly Department of Data Analysis and Mathematical Modelling	5	1	A:1	150
8	1002854	Principles of Marine Fish Larviculture  Gilbert Van Stappen Department of Animal Sciences and Aquatic Ecology	3	1	A:1	90
9	1002855	Applied Marine Fish Larviculture Peter Bossier Department of Animal Sciences and Aquatic Ecology	3	1	A:2	90
10	1001579	Physiology of Aquatic Organisms  Gudrun De Boeck Department of Animal Sciences and Aquatic Ecology	3	1	A:2	75
11	1000086	Algae Culture Peter Bossier Department of Animal Sciences and Aquatic Ecology	3	1	A:2	75
12	1002895	Aquatic Farm Management Training Peter Bossier Department of Animal Sciences and Aquatic Ecology	3	1	A:2	90
13	1002791	Mollusc and Crustacean Culture  Nancy Nevejan Department of Animal Sciences and Aquatic Ecology	5	1	A:2	150
14	1002794	Aquaculture Nutrition  Veerle Fievez Department of Animal Sciences and Aquatic Ecology	5	1	A:2	150
15	1000928	Aquaculture Environmental Impact Jana Asselman Department of Animal Sciences and Aquatic Ecology	3	1	A:2	90
16	1002698	Water Quality Management Peter Goethals Department of Animal Sciences and Aquatic Ecology	4	1	A:2	120
17	1002165	Management in the Aquaculture Industry Peter Bossier Department of Animal Sciences and Aquatic Ecology	3	2	A:1	75
18	1002795	Aquaculture Genetics Peter Bossier Department of Animal Sciences and Aquatic Ecology	6	2	A:1	180
19	1002796	Diseases in Aquaculture Peter Bossier Department of Animal Sciences and Aquatic Ecology	6	2	A:1	180
20	1002084	Viral Disease Management  Hans Nauwynck Department of Translational Physiology, Infectiology and Public Health	3	2	A:1	90

17-09-2025 21:22 p 1

21	1002797	Fish and Shellfish Immunology  Daisy Vanrompay Department of Animal Sciences and Aquatic Ecology	4	2	A:1	120
22 I	1002086	Aquatic Microbial Community Management	3	2	A:1	75
		Peter Bossier Department of Animal Sciences and Aquatic Ecology				

## 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 R	ef MT1	Session	Study
1	1002856	Internship	5	2	A:J	125
		Peter Bossier Department of Animal Sciences and Aquatic Ecology				
2	1002857	Project	5	2	A:2	125
		Peter Bossier Department of Animal Sciences and Aquatic Ecology				

#### 2.2 Ghent University Elective Courses

Subscribe to no more than 5 credit units from courses offered at Ghent University, including the <u>Ghent University Elective Courses</u>. Subject of approval by the study programme committee.

3 Master's Dissertation 30 credit					
Nr Course		CRDT Re	ef MT1	Session	Study
1 1001507	Master's Dissertation	30	2	A:J	900
	Peter Bossier Denartment of Animal Sciences and Aquatic Ecology				

### 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 cours name, using the following ISO codes:

bg: Bulgarian de: German es: Spanish ja: Japanese pl: Polish sh: Kroatian/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 in 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 g: bi-annually, from 2024-2025 g: bi-annually, from 2025-2026 e: tri-annually, from 2023-2024 h: tri-annually, from 2024-2025 k: tri-annually, from 2025-2026

17-09-2025 21:22 p 2