GHENT UNIVERSITY

Study Programme

Academic year 2022-2023

Faculty of Bioscience Engineering

Master of Science in Aquaculture

Language of instruction: English

Programme version 12

1 General Courses — 85 credits

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

21	I002797	Fish and Shellfish Immunology *Daisy Vanrompay -- Department of Animal Sciences and Aquatic Ecology*	4	2	A:1	120
22	I002086	Aquatic Microbial Community Management *Peter Bossier -- Department of Animal Sciences and Aquatic Ecology*	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 *Peter Bossier -- Department of Animal Sciences and Aquatic Ecology*	5		2	A:J	125
2	I002857	Project *Peter Bossier -- Department of Animal Sciences and Aquatic Ecology*	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 *Peter Bossier -- Department of Animal Sciences and Aquatic Ecology*	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 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
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