

Faculty of Bioscience Engineering

Master of Science in Aquaculture

Campus: UGent

Language(s) of instruction: English (Programme sheet as of: 2018)

Programme version 10 Valid as from the academic year 2020-2021 (VOORSTEL)

IMAQUA10.1 General Courses - IMAQUAalg

75.0 credits

Nr	Course	CRDT	Ref	MT1	MT2	Session	Contact	Study
1	I002504 Applied Freshwater Ecology [en] Peter Goethals -- Department of Animal Sciences and Aquatic Ecology	3.0		1		A:1	30.0	90
2	I002535 Applied Marine Ecology [en] Colin Janssen -- Department of Animal Sciences and Aquatic Ecology	3.0		1		A:1	30.0	90
3	I002787 Biology of Fishes [en] Dominique Adriaens -- Department of Biology	4.0		1		A:1	40.0	120
4	I002788 Freshwater Fish Culture Techniques [en] Nancy Nevejan -- Department of Animal Sciences and Aquatic Ecology	6.0		1		A:1	60.0	180
5	I002789 Microbial Ecology and Environmental Sanitation [en] Tom Defoirdt -- Department of Biotechnology	4.0		1		A:1	40.0	120
6	I001084 Technology of Fishery Products [en] Frank Devlieghere -- Department of Food Technology, Safety and Health	3.0		1		A:1	30.0	75
7	I002756 Applied Statistics [en] Aisling Daly -- Department of Data Analysis and Mathematical Modelling	5.0		1		A:1	50.0	150
8	I001579 Physiology of Aquatic Organisms [en] Gudrun De Boeck -- Department of Animal Sciences and Aquatic Ecology	3.0		1		A:2	30.0	75
9	I000086 Algae Culture [en] Peter Bossier -- Department of Animal Sciences and Aquatic Ecology	3.0		1		A:2	30.0	75
10	I002790 Aquatic Farm Management Training [en] Peter Bossier -- Department of Animal Sciences and Aquatic Ecology	5.0		1		A:2	50.0	150
11	I002791 Mollusc and Crustacean Culture [en] Nancy Nevejan -- Department of Animal Sciences and Aquatic Ecology	5.0		1		A:2	50.0	150
12	I002792 Aquaculture and the Environment [en] Peter Bossier -- Department of Animal Sciences and Aquatic Ecology	5.0		1		A:2	50.0	150
13	I002793 Marine Fish Larviculture [en] Gilbert Van Stappen -- Department of Animal Sciences and Aquatic Ecology	6.0		1		A:2	60.0	180
14	I002794 Aquaculture Nutrition [en] Gilbert Van Stappen -- Department of Animal Sciences and Aquatic Ecology	5.0		1		A:2	50.0	150
15	I002165 Management in the Aquaculture Industry [en] Peter Bossier -- Department of Animal Sciences and Aquatic Ecology	3.0		2		A:1	30.0	75
16	I002795 Aquaculture Genetics [en] Peter Bossier -- Department of Animal Sciences and Aquatic Ecology	6.0		2		A:1	60.0	180
17	I002796 Diseases in Aquaculture [en] Peter Bossier -- Department of Animal Sciences and Aquatic Ecology	6.0		2		A:1	60.0	180

IMAQUA10.2 Elective Courses - IMAQUAkeuze

15.0 credits

Subscribe to 15 credit units from 1 module from the following list. Subject to approval by the faculty.

MT1: 15 credit units to be taken in year 2

MT2: 15 credit units to be taken in year 3

IMAQUA10.2.1 Major Aquaculture Health Management - IMAQUAmajorAHM

Subscribe to 15 credit units from the following list, with

- 10 credit units from the courses with reference a,
- 5 credit units from the courses with reference b.

Nr	Course	CRDT	Ref	MT1	MT2	Session	Contact	Study
1	I002084 Viral Disease Management [en] Hans Nauwynck -- Department of Virology, Parasitology and Immunology	3.0	a	2		A:1	30.0	90

2	I002797	Fish and Shellfish Immunology [en] Daisy Vanrompay -- Department of Animal Sciences and Aquatic Ecology	4.0	a	2		A:1	40.0	120
3	I002086	Aquatic Microbial Community Management [en] Peter Bossier -- Department of Animal Sciences and Aquatic Ecology	3.0	a	2		A:1	30.0	75
4	I002087	Internship Aquaculture Health Management [en] Peter Bossier -- Department of Animal Sciences and Aquatic Ecology	5.0	b	2		A:J	30.0	125
5	I002088	Project Aquaculture Health Management [en] Peter Bossier -- Department of Animal Sciences and Aquatic Ecology	5.0	b	2		A:2	75.0	125

IMAQUA10.2.2 Major Sustainable Management of Aquatic Resources - IMAQUA major SMAR

Subscribe to 15 credit units from the following list, with

- 10 credit units from the courses with reference a,
- 5 credit units from the courses with reference b.

Nr	Course	CRDT	Ref	MT1	MT2	Session	Contact	Study
1	C002499 Environmental Impact Assessment [en] Steven Degraer -- Department of Biology	3.0	a	2		A:1	39.0	90
2	I002718 Economics and Management of Natural Resources [en] Stijn Speelman -- Department of Agricultural Economics	4.0	a	2		A:2	40.0	120
3	C002490 Biodiversity of Aquatic Food Webs [en] Marleen De Troch -- Department of Biology	3.0	a	2		A:1	20.0	90
4	I002089 Internship Sustainable Management of Aquatic Resources [en] Gilbert Van Stappen -- Department of Animal Sciences and Aquatic Ecology	5.0	b	2		A:J	30.0	125
5	I002090 Project Sustainable Management of Aquatic Resources [en] Gilbert Van Stappen -- Department of Animal Sciences and Aquatic Ecology	5.0	b	2		A:2	75.0	125

IMAQUA10.2.3 Elective Courses - IHUGentkeuze

Subscribe to 15 credit units from the major modules and (maximum 3 credits) from courses offered at Ghent University (including the university wide elective courses).

Maximum one internship and one project may be selected.

Subject to motivation by the student and upon approval of the programme promotor.

IMAQUA10.3 Master's Dissertation - IMAQUA masterproef 30.0 credits

Nr	Course	CRDT	Ref	MT1	MT2	Session	Contact	Study
1	I001507 Master's Dissertation [en]	30.0		2	4	A:J	300.0	900