

Faculty of Bioscience Engineering
Master of Science in Aquaculture

Language of instruction: English
Programme version 15

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> | 3 | | 1 | A:1 | 90 |
| 2 | I002535 Applied Marine Ecology <i>Veerle Fievez -- Department of Animal Sciences and Aquatic Ecology</i> | 3 | | 1 | A:1 | 90 |
| 3 | I003023 Basic Principles in Aquaculture Techniques <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i> | 4 | | 1 | A:1 | 120 |
| 4 | I003024 Lab Facility Management <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i> | 4 | | 1 | A:1 | 120 |
| 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>Louis Coussemont -- Department of Data Analysis and Mathematical Modelling</i> | 5 | | 1 | A:1 | 150 |
| 8 | I003103 Aquaculture Journal Club <i>Deepti Patel -- Department of Animal Sciences and Aquatic Ecology</i> | 4 | | 1 | A:1 | 120 |
| 9 | I001579 Physiology of Aquatic Organisms <i>Thomas Van Hecke -- Department of Animal Sciences and Aquatic Ecology</i> | 3 | | 1 | A:2 | 75 |
| 10 | I000086 Algae Culture <i>Veerle Fievez -- Department of Animal Sciences and Aquatic Ecology</i> | 3 | | 1 | A:2 | 75 |
| 11 | I002794 Aquaculture Nutrition <i>Veerle Fievez -- Department of Animal Sciences and Aquatic Ecology</i> | 5 | | 1 | A:2 | 150 |
| 12 | I000928 Aquaculture Environmental Impact <i>Jana Asselman -- Department of Animal Sciences and Aquatic Ecology</i> | 3 | | 1 | A:2 | 90 |
| 13 | I003025 Advanced Aquaculture Techniques <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i> | 6 | | 1 | A:2 | 180 |
| 14 | I003026 Aquatic Farm Management Training <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i> | 6 | | 1 | A:2 | 180 |
| 15 | I002698 Water Quality Management <i>Peter Goethals -- Department of Animal Sciences and Aquatic Ecology</i> | 4 | | 1 | A:2 | 120 |
| 16 | I003092 Business Cases in the Blue Bio-Economy <i>Margriet Drouillon -- Department of Animal Sciences and Aquatic Ecology</i> | 3 | | 2 | A:1 | 75 |
| 17 | I002084 Viral Disease Management <i>Hans Nauwynck -- Department of Translational Physiology, Infectiology and Public Health</i> | 3 | | 2 | A:1 | 90 |
| 18 | I003027 Aquaculture Genetics <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i> | 5 | | 2 | A:1 | 150 |
| 19 | I002796 Diseases in Aquaculture <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i> | 6 | | 2 | A:1 | 180 |
| 20 | I002797 Fish and Shellfish Immunology <i>Daisy Vanrompay -- Department of Animal Sciences and Aquatic Ecology</i> | 4 | | 2 | A:1 | 120 |

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> | 6 | | 2 | A:J | 180 |
| 2 | I003029 Project <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i> | 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> | 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 2027-2028 | f: annually, from 2028-2029 | i: annually, from 2029-2030 |
| b: tri-annually | d: bi-annually, from 2027-2028 | g: bi-annually, from 2028-2029 | j: bi-annually, from 2029-2030 |
| | e: tri-annually, from 2027-2028 | h: tri-annually, from 2028-2029 | k: tri-annually, from 2029-2030 |