INTERNATIONAL MASTER OF SCIENCE IN MARINE BIOLOGICAL RESOURCES

PROGRAMME JOINTLY OFFERED BY GHENT UNIVERSITY, UNIVERSITÀ POLITECNICA DELLE MARCHE, UNIVERSITY OF BERGEN, UNIVERSITY OF ALGARVE, GALWAY-MAYO INSTITUTE OF TECHNOLOGY, UNIVERSITY OF OVIEDO, SORBONNE UNIVERSITÉ, UNIVERSITY OF GOTHENBURG, UNIVERSITY OF THE BASQUE COUNTRY, UNIVERSITY CÔTE D'AZUR, UNIVERSITÉ DE BRETAGNE OCCIDENTALE / UNIVERSITÉ DE BREST, ATLANTIC TECHNOLOGICAL UNIVERSITY

MAJORS: FISHERIES AND AQUACULTURE - APPLIED MARINE ECOLOGY AND CONSERVATION - ANALYSIS AND FORECAST IN MARINE SYSTEMS - BLUE BIOTECHNOLOGY AND BIOECONOMY - OCEAN LITERACY AND EDUCATION
MINORS: FISHERIES (UALG) - APPLIED MARINE ECOLOGY (UNIVPM) - MARINE CONSERVATION (ANCONA) - EXPERIMENTAL MARINE ECOLOGY (UGENT) - ANIMAL HEALTH (BILBAO) - MARINE SPATIAL PLANNING (UNIOVI) - MARINE LIVING RESOURCES (UNIOVI) - FISHERIES AND FISHERIES MANAGEMENT (UIB) - GLOBAL CHANGE AND FUNCTIONAL BIODIVERSITY (BANYULS) - MARINE RESOURCE VALORIZATION (NICE)

120 ECTS CREDITS - LANGUAGE: ENGLISH

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WHAT

The International Master in Marine Biological Resources (IMBRSea), is a joint Master's programme organised by leading European universities in the field of marine sciences. It is supported by the European Marine Biological Resource Centre (EMBRC). IMBRSea covers a wide, yet consistent, range of subjects within the marine sciences and biological resources. With an emphasis on marine biological and ecological processes, the programme links biology of marine organisms and environmental studies with application in marine conservation, management, policy and planning. The programme prepares students for the rapidly evolving demands of the blue bio-economy and research on the sustainable use of marine biological resources.

STRUCTURE

The IMBRSea curriculum is packed with activities. In the first term, students go to one of six universities where they take the Fundamental Module (each university offers similar common basic course units). This first term is offered by Ghent University (BE), the University of Algarve (PT), the University of Oviedo (ES), the Galway-Mayo Institute of Technology (IE), the Polytechnic University of Marche (IT) and the University of Western Brittany (FR).
In the second term, students take Thematic Modules and Professional Practices. They choose their course units and compete for various positions offered by our partners for the Professional Practice.
There is also a Summer School (end of July – August) where students have a full research experience at the Tjärnö Marine Station in Sweden.
In the third term students get the chance to follow Specialisation Tracks at different universities. Those are tailored to the current job opportunities for marine scientists in Europe. They also have an online course unit preparing them for their Master's dissertation.
In the fourth and last term, students pursue their own research for their Master's dissertation. They can conduct this research anywhere in the world. At the end of each academic year in June, first- and second-year students attend a symposium to present their Professional Practice and Master's dissertation. It is an interesting opportunity to meet and interact with all IMBRSea students and staff. Each year the symposium takes place at a different partner university.

Student Mobility

Our students live and study in at least two European cities and receive a Joint degree signed by the eleven European universities of the IMBRSea Consortium. The modules are offered at different universities and each term students will have the opportunity to study at a different university. Moreover, students will perform their Professional Practice at one of our partner institutions and undertake their thesis work at one of the IMBRSea partners or members of the consortium or at any other research institute, located all over the world. The amount of different mobility options is one of the great advantages of IMBRSea, allowing students to experience many different realities and meeting people from different institutes, forming a strong network and creating a more global-minded work force.

LABOUR MARKET

The EU-Marine Strategy provides an integrated framework for analysing relevant community policies' contributions to the protection of, and the impact on the marine environment. This EU-Strategy is the basis for the national European authorities and policies on the one hand, and on the other hand, it also informs the global debate regarding policies for Nature protection and Conservation in general. IMBRSea graduates are well-trained to operate immediately within these policy environments. Most of them will use this Master's degree as a stepping stone to PhD research. Masters and post-docs specialised in marine biological resources can help in the implementation of the strategies for future sustainable use of the natural marine resources, taking into account the natural ecological

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background of the ecosystems. The added value for IMBRSea graduates is that they can operate on a global scale since there is no restriction in the programme regarding types of biotopes (going from the coast to the deep sea and from poles to poles). Jobs in the academic, governmental, non-governmental, environmental, aquaculture and many more sectors will benefit from Marine Scientists with an IMBRSea diploma.

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TOELATINGSVOORWAARDEN VOOR HOUDERS VAN EEN VLAAMS DIPLOMA

1 **Na onderzoek van de bekwaamheid van de student om de opleiding te volgen:**
- Bachelor in de bio-ingenieurswetenschappen
- Bachelor in de biochemie en de biotechnologie
- Bachelor in de biologie
- Bachelor in de chemie
- Bachelor in de diergeneeskunde
- Bachelor in de geografie
- Bachelor in de geologie
- Bachelor of Environmental Technology
- Bachelor of Food Technology
- Bachelor of Molecular Biotechnology

2 **Op voorwaarde van toelating door de inrichtende faculteit: na het met succes voltooien van een voorbereidingsprogramma:**
MIN 15 SP - MAX 60 SP
- Een diploma van een bacheloropleiding in het academisch onderwijs binnen het studiegebied Toegepaste Wetenschappen
- Een diploma van een bacheloropleiding in het academisch onderwijs binnen het studiegebied Wetenschappen niet vermeld bij de 'rechtstreekse toelating'

3 **Op voorwaarde van toelating door de inrichtende faculteit: na het met succes voltooien van een schakelprogramma:**
aantal studiepunten te bepalen door de faculteit
- Bachelor in de agro- en biotechnologie
- Bachelor in de biomedische laboratoriumtechnologie
- Bachelor in de chemie
- Educatieve bachelor in het secundair onderwijs, op voorwaarde dat uit het diplomasupplement blijkt dat de student algemene vakken, waaronder biologie gevolgd heeft

Additional Information on Admission (Flemish Degree)

Holders of one of the above-mentioned diplomas who want to follow the program, from within the EU, must present themselves to the Programme Board of the programme before 1 June of the previous academic year. After this date one cannot be admitted.
Information on admission requirements and the administrative procedure for admission can be found on the following page: http://www.imbrsea.eu.

ADMISSION REQUIREMENTS FOR INTERNATIONAL DEGREE STUDENTS

The course is open to students with at least a bachelor's (or master's) university degree in biology, ecology, environmental sciences, oceanography, marine sciences, geography, geology, biochemistry and biotechnology or other equivalent degrees with minimum 180 credits.
Holders of one of the above-mentioned diplomas who wish to follow the course, from outside the EU, must present themselves to the Programme Board of the course before 30 March of the previous academic year.
Information on admission requirements and the administrative procedure for admission on the basis of a diploma obtained abroad, can be found on the following page: http://www.imbrsea.eu.

LANGUAGE REQUIREMENTS

Language requirements Dutch: no language requirements

Language requirements for this study programme differ from the required standard level for English taught study programmes as specified in the Ghent University Education and Examination Code:
English:
- TOEFL 570 (paper-based) - TOEFL 87 (internet-based)
- IELTS: 6.5
- Certificate of a University Language Centre testifying that the student masters the necessary knowledge of English to function academically (min. CEF-level B2)
- a recent Cambridge English certificate: Cambridge English First (FCE) - grade A or B
- a certificate proving the student has followed at least 1 year of higher education in English

The IMBRSea Programme Board can, at its own discretion waive the requirement for proof of English language skills, if English was the official language of instruction/teaching for at least one year of the previous successful Higher Education studies.

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PRACTICAL INFORMATION

Study programme

studiekiezer.ugent.be/international-master-of-science-in-marine-biological-resources-en/programma

Information sessions

Graduation Fair

afstudeerbeurs.gent/en/students/further-studies

Enrolling institution

Ghent University, University Côte d'Azur, Sorbonne Université, University of Gothenburg, University of Algarve, University of Bergen, Università Politecnica delle Marche, Galway-Mayo Institute of Technology, Université de Bretagne Occidentale / Université de Brest, University of the Basque Country, University of Oviedo

www.imbrsea.eu

Application Deadline (for International degree students)

Final application deadline for non-EU applicants: February 15th, 4 pm CET
Final application deadline for EU applicants: February 15th, 4 pm CET

Tuition fee

More information is to be found on: www.ugent.be/tuitionfee

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www.imbrsea.eu

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Printed on 05 January 2026