MASTER OF SCIENCE IN MARINE AND LACUSTRINE SCIENCE AND MANAGEMENT

PROGRAMME JOINTLY OFFERED BY GHENT UNIVERSITY, UNIVERSITEIT ANTWERPEN, VRIJE UNIVERSITEIT BRUSSEL

MAJORS: GLOBAL CHANGE IMPACTS ON ECOLOGY AND BIODIVERSITY - CONSERVATION BIOLOGY AND ECOSYSTEM MANAGEMENT - ENVIRONMENTAL IMPACT AND REMEDIATION

120 ECTS CREDITS - LANGUAGE: ENGLISH

FACULTY OF SCIENCES

2027-28

WHAT

The two-year Marine and Lacustrine Science and Management (Oceans & Lakes) programme appeals to students with a background in sciences. Oceans & Lakes is an interuniversity programme. It provides students a strong fundamental and applied knowledge and prepares them for an active role in scientific research and the management of marine and lacustrine systems. The programme adopts a multidisciplinary approach by integrating physical, chemical, geological, ecological and societal aspects and including nature conservation and sustainable development.

STRUCTURE

Our programme emphasises on skills acquisition, both in marine and lacustrine research and management. It requires full-time attendance and active participation in lectures and practical exercises, visits to marine research centres, field trips and excursions. The curriculum comprises six parts: (i) general courses (27 credits) with compulsory course units covering disciplines which are considered as essential knowledge for a marine and lacustrine scientist; (ii) professional skills courses (23 credits) including Monsoon School and Internship (iii) supporting skills courses (9 credits): in-depth as well as broadening course units, and supporting course units; (iv) research skills courses (10 credits) including field courses, (vi) a choice of four specialist majors (24 credits each):

- Global Change Impacts on Ecology and Biodiversity;
- Conservation Biology and Ecosystem Management;
- Environmental Impact and Remediation;
- Marine and Lacustrine Geosciences

And last but not least, (vi) the master's dissertation, including a Literature Review (3 credits) and the Master Thesis (37 credits), which consists of an individual research project related to ongoing research in one of the associated research groups. The programme has a strong applied component. A mandatory internship of 3-4 weeks, or 7-8 weeks (5 or 11 credits) of professional work placement allows our student to gain professional experience in marine- and lacustrine-related fields. In addition to classes, fieldwork is an essential part of the curriculum.

In order to prepare the students to perform well in an international professional context, all lectures and course materials are in English. International students enrolling in the programme should have a solid knowledge of English (see admission requirements).

LABOUR MARKET

Oceans & Lakes prepares students to:

- become a multidisciplinary scientist who thinks and works across fields and disciplines;
- play a key role in outstanding scientific marine and lacustrine research and management;
- provide advice on the management of and an integrated concept and view on marine and lacustrine systems;
- become critically-minded, problem-solving and communicative scientists.

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TOELATINGSVOORWAARDEN VOOR HOUDERS VAN EEN VLAAMS DIPLOMA

1 **Rechtstreeks:**
- Bachelor in de bio-ingenieurswetenschappen
- Bachelor in de biochemie en de biotechnologie
- Bachelor in de biologie
- Bachelor in de chemie
- Bachelor in de geografie
- Bachelor in de geografie en de geomatica
- Bachelor in de geologie

2 **Na onderzoek van de bekwaamheid van de student om de opleiding te volgen:**
- 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

3 **Na het met succes voltooien van een voorbereidingsprogramma:**
MIN 3 SP - MAX 90 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

ADMISSION REQUIREMENTS FOR INTERNATIONAL DEGREE STUDENTS

The Oceans and Lakes programme is open to holders of a bachelor's degree in biology, biochemistry, biotechnology, chemistry, geology, geography and geomatics, bio-engineer science or environmental sciences. For other bachelors in science and applied science, equivalency will be evaluated based on scientific competences and skills of the students by the Oceans and Lakes Steering Committee.
Applicants must have a bachelor's degree of minimum 3 years with good overall scores (at least upper second class of equivalent) from a university or recognized equivalent.
Information on admission requirements and the administrative procedure for admission on the basis of a diploma obtained abroad, can be found on the following pages: www.oceansandlakes.be, www.ugent.be/prospect/en/administration/enrolment-or-registration or via the coordination office (oceansandlakes@vub.be).

LANGUAGE REQUIREMENTS

Language requirements	Dutch: no language requirements English: CEFR level B2

The language requirements for this study programme can be found on: www.ugent.be/languagerequirements

PRACTICAL INFORMATION

Study programme
studiekiezer.ugent.be/master-of-science-in-marine-and-lacustrine-science-and-management-en/programma

Information sessions
EVOLV
evolv.gent/en/students/further-studies

Enrolling institution
Vrije Universiteit Brussel

Information on enrolment at Ghent University.

Application Deadline (for International degree students)
Last day on which the application can be submitted:

- International degree seeking students from a non-EEA country: 31 March
- International degree seeking students from an EEA country or who don't require a visa: 30 June
- International Course Programme – VLIR-UOS scholarship applicants: 1 February

Before starting an application for the VLIR-UOS scholarship, you need to pre-register to the programme. If you are then allowed to apply for the scholarship, you must complete the application for the scholarship by 1 February.
- National degree seeking students: 30 September

All application information: www.oceansandlakes.be

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

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