



**DIDACTIC REGULATION
FOR THE II LEVEL UNIVERSITY MASTER PROGRAMME IN
SUSTAINABLE BLUE GROWTH
A.Y. 2021/2022**

Art. 1 - SCOPE

Pursuant to article 3(9) of D.M. no. 270 dated 22.10.2004, and given the “Regulation of First and Second Level University Master programmes, postgraduate courses, Permanent and Recurring High-level Training Courses”, the Second Level Master Programme in Sustainable Blue Growth, hereinafter called “Master Programme” is to be activated in academic year 2021/22 at the University of Trieste.

The Master Programme is activated jointly by the Department of Mathematics and Geoscience and the Department of Engineering and Architecture of the university of Trieste, in cooperation with Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS) - National Institute of Oceanography and Applied Geophysics.

The length of the course is 1 year, from January 2022 to December 2022, totalling 60 ECTS, which correspond to 1500 study hours.

The Master Programme Direction is housed at the Department of Mathematics and Geoscience via Weiss, 1 – Palazzina C

34128 Trieste

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Art. 2 – LEARNING OBJECTIVES AND PROFESSIONAL PROFILE

The Master Programme aims at enriching the didactic offer to young people living in the Mediterranean region, in the marine and maritime sector, in order to foster sustainable economic development and responsible growth, and to contribute in promoting employment in the so-called *blue jobs sector*, while at the same time striving to facilitate dialogue between Mediterranean countries, thanks to *Science Diplomacy*.

In accordance with such strategic objectives, the Master Programme aims at pursuing the following operating objectives:

- Training of new multidisciplinary profiles of researchers, managers and professionals in the marine and maritime sector;
- Training of new professionals, well versed in many disciplines and characterised by an integrated approach to research, paying special attention to the specific requirements and priorities of the countries involved;



- Training of a new generation of managers which is able to create start-ups and/or spin-offs in the blue sector, facing the new economic challenges while taking into account climate, social and environmental conditions;
- Training of a new class of professionals which is able to facilitate dialogue between the peoples of the Mediterranean region (scientific diplomacy).

Art. 3 – ADMISSION

Requirements to access the Master Programme

The Programme can be accessed, with no restriction to age and citizenship, by whomever holds a University degree equivalent to a II Level Italian University Degree in any Degree Classes pursuant to D.M. 270/2004 (achieved after attending 5 years of University classes), a degree in a corresponding class as per D.M. 509/1999, or a degree in a Class defined by the framework in force before D.M. 509/1999. Candidates who achieved their degree abroad can apply to the Programme, provided their degree allows access to postgraduate programmes in their country of origin and that it is equivalent in duration and content to any Italian qualification required to access the Master Programme and considered equivalent by the Scientific Didactic Committee of the Programme. However, the Degree Classes listed in Annex 1 below shall constitute preferential requirement. All Master classes are taught in English, therefore further requirement to access the Master Programme is to take and pass an interview meant to assess the candidate's proficiency with the language.

The maximum number of candidates that can be admitted to the University Master Programme is 25.

The minimum number for the Programme to start is 10.

No auditing students are allowed.

Methods of selection of participants to access the Master Programme:

Candidates shall be selected based on their qualifications and following an oral test. The oral test shall be carried out regardless of the number of enrolled candidates and shall consist in an aptitude interview held in English.

Selection shall be carried out based on the following objective and non-discretionary criterion: the assessing Committee can award a maximum of 100 points, 50 points thereof based on the interview (held in English) and 50 based on assessable qualifications.

Assessable qualifications include the following:

- PhD, Master Programme degree or advanced courses related to the subjects of the Master Programme (up to 20 points);
- work experiences in areas related to the subjects of the Master Programme (up to 10 points);



- courses held as professors related to the subjects of the Master Programme (up to 10 points);
- any publication and attendance to conferences related to the subjects of the Master Programme (up to 10 points).

Candidates shall send all the necessary documentation to be assessed, together with the forms available on the Master Programme's website, through the online platform only (www.bluegrowth.inogs.it).

Documentation must arrive strictly by the deadline for submitting the applications. Failing to produce the qualifications shall result in points not being assigned.

The Committee assessing qualifications might set a threshold score; candidates will take the interview should they reach and/or exceed such score. Following assessment of the qualifications, the Committee shall draw up a list of eligible candidates for the interview. Candidates who will not reach the threshold score shall not be included in the list of eligible candidates.

The interview may also be held via videoconference; selected candidates shall be notified of the procedures.

Art. 4 – DIDACTIC PROGRAMME

Academic activities are listed in the Didactic Programme, which is integral part of this Regulation. Classes are held in English.

Students must attend at least 70 % of scheduled lecture hours.

The Master Programme shall start with an online kick-off and with a first series of distance learning lessons, in order to provide a Programme's overview and to level skills. Lectures shall be spread over three two-week-long intensive Sessions (Monday to Friday), which shall be held in March, June and September 2022, respectively. If the course is to be held online, the intensive sessions will last three weeks, with part-time hours from Monday to Friday.

The final didactic activity is organised in a Project Work (written) or, alternatively, in a traineeship which shall be completed with a written report (Final Report). The Project Work or the report (Final Report) can be submitted and presented in three exam dates. The deadline to submit the final Project Work and the report is 30th April 2023. The final reports are assessed with a mark out of 110. Results will be available by 31st May 2023.

A specific event to award diplomas is to be held by July 2023.

Art. 5 - MASTER PROGRAMME GOVERNANCE

The Master Programme bodies are the following:

- Steering Board;
- Master Programme Council, made up of four tenured professors or researchers in the



subjects included in the course's didactic system, of four OGS experts and of one external expert.

The Steering Board:

- oversees the Master Programme's operations;
- represents the Programme in external relations for any didactic and scientific aspects;
- is head of the Master Programme Council and calls its meetings;
- implements decisions and orientation of the Master Programme Council.

The Master Programme Council, referring to the Steering Board, is responsible for the following:

- establishing how the didactic system shall be carried out;
- appoint for each academic year the professors who shall be in charge of the courses;
- submitting the appointment of members of the Admission Committee and the Final examination Committee;
- supervising the smooth progression of didactic activities and validate their academic worth;
- submitting any possible associate or association that may support the course organisation;
- establishing the criteria to award scholarships;
- checking the attendance of students who received scholarships and, in case of non-compliance with requirements, interrupt the scholarship;
- submitting any modification to Course Didactic Regulations, also in relation to changes in legislation;
- submitting the resources allocation plan;
- supervising implementation of and compliance with special agreements with external institutions;
- connecting the Master Programme's activities to any other study or research that may be implemented by UNITS or OGS in the same scope

Art. 6 – FINANCIAL AID FOR EDUCATION

OGS provides scholarships, in order to facilitate enrolment to the Master Programme, especially to candidates from developing countries and to particularly deserving candidates.

Annex 1 – Preferential degree classes related to the framework DM 270/04

To access the Master Programme, all Degree Classes pursuant to D.M. 270/2004 are accepted. However, the following classes are considered preferential requirement:

LM-3 Landscape architecture
LM-4 Architecture and building engineering
LM-6 Biology
LM-10 Preservation of architectural and environmental heritage
LM -17 Physics



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LM-18 Computer science
LM-22 Chemical engineering
LM-23 Civil engineering
LM-24 Construction engineering
LM-25 Control engineering
LM-26 Safety engineering
LM-28 Electrical engineering
LM-31 Management engineering
LM-32 Computer engineering
LM-33 Mechanical engineering
LM-34 Naval engineering
LM-35 Land and environmental engineering^[1]_[SEP]
LM-40 Mathematics
LM-48 Regional, urban and environmental planning
LM-49 Planning and management of tourism systems
LM-52 International relations
LM-54 Chemical sciences
LM-56 Economics
LM-60 Natural sciences
LM-62 Political sciences
LM-63 Public Administrations sciences
LM-69 Agricultural science and technology
LM-70 Food science and technology
LM-72 Science and technology of navigation
LM-73 Forest and environmental science and technology
LM-74 Science and technology of geology^[1]_[SEP]
LM-75 Environmental and land science and technology
LM-76 Environmental and cultural economics
LM-77 Economics and business science
LM-79 Geophysics
LM-80 Geography
LM-81 Development cooperation science
LM-86 Zootechnical sciences and animal technology
LM-88 Sociology and social research
LM-90 European studies
LM-91 Methods and techniques for the information society
LMG/01 Law

Any qualification that differs from what listed above shall be evaluated by the Assessing Committee which shall decide on the candidate's admission.