



DIDACTIC ACTIVITIES REGULATIONS

ADVANCED MASTER IN

SUSTAINABLE BLUE GROWTH

ACADEMIC YEAR 2017-2018

Art. 1 - OBJECTIVES

At the University of Trieste, in accordance with art 3, section 9, of the DM 22.10.2004 n°270, considering the “Regolamento in materia di Master universitari di I e II livello, Corsi di perfezionamento, Corsi di alta formazione permanente e ricorrente”, the Advanced Master in *Sustainable Blue Growth* (hereafter referred to as “Master”) is activated, for the academic year 2017/18.

The Master is activated on a joined proposal by the Department of Maths e Geoscience and the Department of Engineering and Architecture of the University of Trieste in collaboration with the National Institute of Oceanography and Applied Geophysics (OGS).

The Master is a one-year programme, starting from January 2018 to December 2018, with a total of 60 credits, equal to 1500 hours.

The Programme Management has its head office at the Department of Maths e Geoscience
via Weiss, 1 – Building C
34128 Trieste (Italy)

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Art. 2 – ACADEMIC OBJECTIVES AND PROFESSIONAL PROFILE

The aim of the Master is that of widening the academic opportunities available to young people of the countries of the Mediterranean region, in the marine and maritime area, in order to foster sustainable economic development and responsible growth, and contribute to employment promotion in the field of the so-called *blue jobs*, at the same time aiming at favouring the dialogue between Mediterranean countries, thanks to *Science Diplomacy*.



In line with these strategic objectives, the Master aims at pursuing the following operative goals:

- Training new multidisciplinary profiles of researchers, managers e operators in the marine and maritime field;
- Training new professional figures characterised by multidisciplinary and an integrated approach to research, with particular attention to the specific needs and priorities of the involved countries;
- Training a new generation of entrepreneurs able to set up new start-ups and/or spin-offs in the blue sector, tackling new economic challenges taking into account new climatic, social and environmental conditions.
- Training a new class of professional figures capable of favouring the dialogue between populations of the Mediterranean area (science diplomacy).

Art. 3 – ADMISSIONS

Master Entry Requirements.

Without age or nationality limitations, it is possible to apply for the selection process of the Master for the holders of a university degree corresponding to an Italian II level degree (five-years) from any class of study according to D.M. 270/2004, or graduates in the corresponding class according to D.M. 509/1999 or graduates in the relative classes under the old system (in force before D.M. 509/1999), or holders of a degree obtained abroad equivalent in terms of duration and content, solely for the purpose of participating to the Master, to the required Italian degrees, pre-emptively recognised as equivalent by the Academic Scientific Council of the Master. Study classes indicated in Annex 1 to the present Regulation will, nevertheless, be considered as preferred.

Furthermore, since the teaching language of the Master is English, it is required to pass an interview aimed at assessing a good command the English language by the candidate.

The maximum number of admitted candidates for the university Master is 25.

The minimum number under which the Programme will not be activated corresponds to 10.

The possibility to have listeners present is not provided.



Selection modalities of applicants for the admission to the Master.

Admission is based on the interview and titles. The test takes place independently from the number of applicants and consists of an attitudinal interview in English.

The selection is based on the following objective and non-discretionary criteria:

The commission has at its disposal 100 points, 50 for the interview e 50 for the titles.

Valuable titles are constituted by: degree grade; work experience relevant to the subjects of the Master; attendance diplomas to relevant courses to the sector; education relevant to the subjects of the Master; publications relevant to the sector.

The score of the interview and titles is attributed as follows:

- attitudinal interview in English (to a maximum of 50 points);
- degree grade (to a maximum of 10 points);
- Research Doctorate, Masters or specialisation courses relevant to the subject of the Master (to a maximum of 10 points);
- work experience relevant to the subjects of the Master (to a maximum of 10 points);
- education relevant to the subjects of the Master (to a maximum of 10 points);
- publications relevant to the subjects of the Master (to a maximum of 10 points).

With the aim of assessing the titles, the candidate must send, exclusively via the online platform (www.bluegrowth.inogs.it), all the necessary documents accompanied by the set of forms available in the Master website.

The documents must be received before and not beyond the application deadline. Failed submission of titles will prevent the attribution of the relative score.

The Commission has the opportunity to establish a minimum score, required in order for the applicant to be admitted to the interview. After the title's assessment, the Commission formulates a list of candidates considered suitable, who will be invited to the interview. The applicant who did not obtain this minimum score, will not be included in the list of candidates admitted to the interview.

The interview is possible also via video-conference, according to modalities communicated to the selected applicants.



Art. 4 – COURSE PROGRAMME

The planned academic activities are included in the Course Programme, integral part of the present Regulation.

The academic activities are carried out in English.

The master will start with an online kick-off event and a first series of long-distance lectures providing an overview of the master and level out competences. Face-to-face lectures are distributed between three intensive Sessions of two weeks each (Monday to Saturday) which will take place respectively in March, July and October 2018. The submission deadline for the final project is 30 April 2019 and the results will be published before 31 May 2019. The event awarding the diplomas will take place in July 2019 at the same time of the second Session of the Master 2018-2019.

Attendance equal to 70 % of the planned hours is mandatory.

The final examination consists of a Project Work (written) and the grade is attributed on a scale of 110.

Art. 5 – BODIES OF THE MASTER

The Bodies of the Master include:

- the Steering Board;
- the Master Course Council, composed by four professors or researchers employed at the University teaching subjects included in the Course Programme, by four experts from OGS and one external expert.

The Steering Board:

- supervises the functioning of the Master;
- represents the Master in external relations in academic-scientific aspects;
- chairs the Master Course Council, and convenes its meetings;
- implements decisions and guidelines by the Master Course Council.

The Master Course Council, after hearing the Steering Board:



- defines the implementation modalities of the course programme of the Master;
- appoints the academic staff responsible for teaching the courses for each academic year;
- proposes the nomination of the members of the Selection Commission for the admission to the Master and of the Commission for the final examination;
- supervises the regular execution of the academic activities and ensures academic quality;
- proposes the identification of eventual collaborators or collaboration forms supporting the planning management of the programme;
- defines the attribution criteria of eventual scholarships;
- verifies attendance of scholarship beneficiaries and, in case of breach, suspends the distribution of scholarships;
- proposes possible amendments to the Academic Regulation of the Programme, also in light of norm changes;
- proposes the deployment plan of resources;
- supervises the implementation and respect of the conventions with external institutes;
- links the activities of the Master with the other activities implemented in the same field at every academic and research level by UNITS and OGS.

Art. 6 – FINANCIAL SUPPORT

In order to facilitate the application to the master, OGS offers limited financial education support, particularly to meritorious applicants and to students from Developing Countries. Interested applicants must send the support request to OGS filling in the form on the website <http://bluegrowth.inogs.it/> before 15 September.



Annex 1 – Preferred study classes referred to in the set of rules DM 270/04

In order to be admitted to the Master, the classes of study included in D.M. 270/2004 are accepted. Nevertheless, the classes that follow are to be preferred:

LM-3 Architettura del paesaggio
LM-4 Architettura e ingegneria edile-architettura
LM-6 Biologia
LM-10 Conservazione dei beni architettonici e ambientali
LM -17 Fisica
LM-18 Informatica
LM-22 Ingegneria chimica
LM-23 Ingegneria civile
LM-24 Ingegneria dei sistemi edilizi
LM-25 Ingegneria dell'automazione
LM-26 Ingegneria della sicurezza
LM-28 Ingegneria elettrica
LM-31 Ingegneria gestionale
LM-32 Ingegneria informatica
LM-33 Ingegneria meccanica
LM-34 Ingegneria navale
LM-35 Ingegneria per l'ambiente e il territorio
LM-40 Matematica
LM-48 Pianificazione territoriale urbanistica e ambientale
LM-49 Progettazione e gestione dei sistemi turistici
LM-52 Relazioni internazionali
LM-54 Scienze chimiche
LM-56 Scienze dell'economia
LM-60 Scienze della natura
LM-62 Scienze della politica
LM-63 Scienze delle pubbliche amministrazioni
LM-69 Scienze e tecnologie agrarie
LM-70 Scienze e tecnologie alimentari
LM-72 Scienze e tecnologie della navigazione
LM-73 Scienze e tecnologie forestali ed ambientali
LM-74 Scienze e tecnologie geologiche
LM-75 Scienze e tecnologie per l'ambiente e il territorio
LM-76 Scienze economiche per l'ambiente e la cultura
LM-77 Scienze economico-aziendali
LM-79 Scienze geofisiche
LM-80 Scienze geografiche
LM-81 Scienze per la cooperazione allo sviluppo
LM-86 Scienze zootecniche e tecnologie animali
LM-88 Sociologia e ricerca sociale
LM-90 Studi europei
LM-91 Tecniche e metodi per la società dell'informazione
LMG/01 Giurisprudenza

Different degrees from those mentioned are subject to the assessment by the Selection Commission, which will decide on the potential admission.