



**Università degli Studi di Napoli Federico II
DIPARTIMENTO DI BIOLOGIA**

CALL FOR APPLICATION FOR THE PARTICIPATION TO “ERASMUS+ BLENDED INTENSIVE PROGRAM” (BIP) AT THE UNIVERSITY OF ZADAR, CROATIA for the study UNIZD Marine Research Living Lab, DIRECTED TO THE STUDENT OF THE MASTER OF MARINE BIOLOGY AND AQUACULTURE, UNIVERSITY OF NAPLES FEDERICO II, ITALY.

The call for applications is hereby published for the participation to “Erasmus+ Blended Intensive Program (BIP)”. The short-term Intensive Study Programs of Underwater science and technology can assign **no. 6 positions that include on-line and fieldwork activities to be carried out at Zadar (Croatia) UNIZD Marine Research Living Lab.**

The call, with a deadline on **30/04/2024**, is reserved to 1st year students on the Master’s degree in Marine Biology and Aquaculture that will give the students **3 ECTS**.

The program is blended starting with on-line lectures in May (**27-31 -5- 2024**) followed by an online exam, and field work activities in September; lectures will be held mainly by teachers from University of Zadar and University of Naples.

PREMISES

LEARNING OUTCOME OF THE BIP PROGRAM

Upon completion of the course, students will be able to:

- apply acquired knowledge to conduct basic field research in marine ecosystems;
- analyse problems and dangers for the marine environment based on knowledge of biological processes and organisms;
- collect and partially analyze field research data;
- valorize the social and ethical responsibility of the individual in the protection of the marine environment;
- propose ways to prevent pollution of the marine environment and procedures for repairing the damage;
- have the ability to integrate knowledge from different fields of science to devise solutions for the challenges faced by marine ecosystems in the Adriatic; - understand ocean sustainability



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issues, focusing on SDG14 (Life Below Water): Conserve and sustainably use the oceans, seas and marine resources for sustainable development;

Content of the virtual part of the course:

1. climate change and invasive species and their interactions with indigenous communities.
2. sea pollution with an emphasis on plastic and heavy metals;
3. food production in the sea and the effect on the environment;
4. the importance of marine ecosystems and the services they provide.

During the physical part of the program, students will:

1. carry out physical and chemical analyses of seawater at different locations, under the guidance of the teachers involved in the implementation of the program;
2. use various technical solutions (recording with underwater drones, SCUBA diving) and different methods (CARLIT method, visual census method) to monitor the status and structure of different marine communities;
3. collect and analyse washed-up litter;
4. analyse the data gathered to determine the various difficulties that marine ecosystems encounter and develop potential remedies for mitigating and overcoming the aforementioned difficulties.
5. present the results of the field research that each research group has performed and the designed solutions

DESCRIPTION OF THE VIRTUAL PART OF THE PROGRAM:

The virtual part of the program will be held in May and consist of **five lectures** lasting two school hours each. Through the lectures, participants will learn about the basic methods used in field research of marine ecosystems.

All lectures will emphasize the impact of the challenges on the Adriatic Sea and the possibility of applying the acquired knowledge to other marine areas with different ecological conditions that face similar challenges and threats.



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After the lectures, the students will take the online exam. Passing the exam is required to attend the program's practical part.

- present the collected and processed data, create conclusions based on them, and present them to a professional audience; - communicate about the ocean in a meaningful way, and make conscious decisions regarding the ocean.

The **second part is the field work** training in the **first week** of September includes sample and data collection, laboratory analyses and data interpretation with presentations on the final day. For students, is arranged a dormitory at price of 140Eur for the duration of the program in September and dinner at UNIZD restaurant for 10Eur per meal. All other costs (such as boat trip to the fish farms and entrance to National parks) are covered by the program.

Further information about the financial contribution is provided to the students that will be selected for this program.

2. ADMISSION REQUIREMENTS

The Selection Committee will select **6 students**, with financial support. Applicants should be regularly belonging to the first year of the Master's degree in Marine Biology and Aquaculture

3. APPLICATION PROCEDURE

The selection consists in titles and cv evaluation.

Interested students have to apply by the deadline 30/04/2024, the application with the documentation required must be sent via email to the Master Coordinator **with the object "BIP Zadar - Name, Surname"**.

The following documents have to be enclosed:

- Curriculum Vitae
- Motivational letter in English (max 250 words)

4. CRITERIA FOR THE FORMULATION OF THE RANKING

The Commission will assign the score as follows:

- Max. 5 points for the evaluation of the academic career and CV;



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- Max. 5 points for the motivational letter;

In case of incomplete documentation, the application will be rejected.

The Commission is composed of the following members:

Prof. Francesca Carella, University of Naples

Prof. Tomislav Saric, University of Zadar

5. PUBLICATION OF RANKINGS

Rankings will be published on the Department's websites.

6. PROCEDURE SUPERVISOR

Dr Fabiana Alfieri is responsible for any fulfilment related to this call for applications which does not fall under the responsibility of the Examining Boards. The aforementioned may assign in writing to another employee of the organizational unit the responsibility for the procedural requirements.

7. DATA PROCESSING

Information on the processing of personal data pursuant to art. 13 of Regulation (EU) 679/2016 laying down rules on the processing of personal data and the code regarding the protection of personal data, Legislative Decree No. 196/2003 supplemented and amended by Legislative Decree No. 101/2018. By filling in, delivering and transmitting the forms required for participation in this selection notice, the student provides his personal data to the University of Naples Federico II and assumes the quality of "interested party" to the processing of such data pursuant to of the art. 4, 1) of the EU Regulation.

PURPOSES AND MEANS OF PROCESSING: The personal data provided during the application for participation or acquired subsequently during the relationship with the University will be processed for institutional purposes, for administrative and accounting obligations related to the agreement. To this end, personal data such as name, surname, residence, personal data, tax code, contact details, address, email, data relating to the qualifications held, to the school career may be collected.



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Personal data will be processed by authorized personnel both electronically, through the computerized management of the data, and in paper mode, through the collection, storage, and use of documents in files, dossiers, and archives.

MANDATORY PROVISION OF DATA AND CONSEQUENCES OF ANY REFUSAL: the processing of personal data is mandatory for the purpose of assessing the requirements for participation in the aforementioned call. Particular categories of data (judicial data and particular state of health) are provided voluntarily to allow the University to carry out the procedure and/or the provision of the related services for participation. For these reasons, consent to the processing of data is not required. Any refusal will make it impossible for the University to fulfil these purposes and participation in the program.

COMMUNICATION AND DISSEMINATION OF DATA: Personal data will be processed for the performance of institutional activities according to the principles of lawfulness, necessity, non-excess, relevance and correctness, in accordance with European and national legislation and the University Regulations on the subject; the data may be disclosed in particular to the following subjects (Erasmus+ National Agency - INDIRE; European Commission, Ministry of Education, University and Research; University; Host company; Affiliated banking institution). In compliance with the provisions on Transparent Administration (Legislative Decree No. 33/2013 and subsequent amendments) personal data, except for the specific categories – referred to in articles 9 and 10 of the EU Regulation – are disseminated through publication on the university's institutional website for the period provided for by law.

RIGHTS OF THE INTERESTED PARTY: At any time, the student may exercise his rights pursuant to articles 15-22 and 77 of the EU Regulation, where the conditions are met. The contact details of the Data Controller and the Data Protection Officer and the complete information for the interested party are published on the University website: <http://www.unina.it/ateneo/statuto-e-normativa/privacy>

The Director of the Department Biology