

PhD Programme Table - 38th cycle
Call for Applications for further PhD positions funded by Next Generation EU - NRRP
“National Recovery and Resilience Plan” and from other sources



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European Union**
NextGenerationEU



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

Section “Available Positions and Scholarships” integrated on 30/11/2022

PROGRAMME'S NAME	INNOVATIVE TECHNOLOGIES AND SUSTAINABLE USE OF MEDITERRANEAN SEA FISHERY AND BIOLOGICAL RESOURCES (FISHMED-PHD)
ASSOCIATED PARTNERS Pursuant to art. 3 para 2 lett. b) of the MD n. 226/2021	Consiglio Nazionale delle Ricerche – CNR
DURATION	3 years
PROGRAMME START DATE	01/03/2023 (DD/MM/YYYY)
LANGUAGES	Italian, English
MANDATORY STAY ABROAD	3 months
COORDINATOR	Prof. Stefano Goffredo (s.goffredo@unibo.it)
PHD POSITIONS	7
ADMISSION PROCEDURE	Qualifications and research proposal evaluation Oral examination

Available Positions and Scholarships

Pos. n.	Financial Support	Description	Positions linked to research topics
1	PhD Scholarship NRRP CN	Funded by the EU - NextGenerationEU with funds made available by the National Recovery and Resilience Plan (NRRP) - Campioni Nazionali (CN BIODIV) - CUP J33C22001190001	Microbiome-based applications for the sustainable valorization of marine resources
2	PhD Scholarship NRRP CN	Funded by the EU - NextGenerationEU with funds made available by the National Recovery and Resilience Plan (NRRP) - Campioni Nazionali (CN BIODIV) - CUP J33C22001190001	Elasmobranch biodiversity in a changing marine realm: new data and technologies sustaining species and habitat conservation
3	PhD Scholarship	Funded by the Department of Pharmacy and Biotechnology with funds made available by the project SYMBIOREM - (Grant Agreement n. 101060361) - HORIZON Research and Innovation Actions RIA - Call: HORIZON-CL6-2021-ZEROPOLLUTION-01 - CUP J33C22002700006	Symbiotic, circular bioremediation systems and biotechnology solutions for improved environmental, economic and social sustainability in pollution control
4	PhD Scholarship	Funded by Consiglio Nazionale delle Ricerche - CNR IRBIM – with funds made available by the project “National Biodiversity Future	Scientific support to the adaptive management of non-indigenous species in the Mediterranean Sea

		Center” - coe CN00000033 – CUP B83C22002930006 – PNRR - MISSIONE 4 COMPONENTE 2, “Dalla ricerca all’impresa” INVESTIMENTO 1.4 - POTENZIAMENTO STRUTTURE DI RICERCA E CREAZIONE DI “CAMPIONI NAZIONALI DI R&S” SU ALCUNE KEY ENABLING TECHNOLOGIES	
5	PhD Scholarship	Funded by Consiglio Nazionale delle Ricerche - CNR IRBIM – with funds made available by the project “National Biodiversity Future Center” - code CN00000033 - CUP B83C22002930006 - PNRR - MISSIONE 4 COMPONENTE 2, “Dalla ricerca all’impresa” INVESTIMENTO 1.4 - POTENZIAMENTO STRUTTURE DI RICERCA E CREAZIONE DI “CAMPIONI NAZIONALI DI R&S” SU ALCUNE KEY ENABLING TECHNOLOGIES”	Anthropogenic impact on fishery targeted species in the Mediterranean Sea
6	PhD Scholarship	Funded by Consiglio Nazionale delle Ricerche - CNR IRBIM – with funds made available by the project “National Biodiversity Future Center” - code CN00000033 - CUP B83C22002930006 – PNRR - MISSIONE 4 COMPONENTE 2, “Dalla ricerca all’impresa” INVESTIMENTO 1.4 - POTENZIAMENTO STRUTTURE DI RICERCA E CREAZIONE DI “CAMPIONI NAZIONALI DI R&S” SU ALCUNE KEY ENABLING TECHNOLOGIES”	Fishing fleets in the information age: relying on big data to manage fishery and support marine biodiversity
7	PhD Scholarship	Funded by Consiglio Nazionale delle Ricerche - CNR IRBIM – with funds made available by the project “National Biodiversity Future Center” - code CN0000003300 - CUP B83C22002930006 – PNRR - MISSIONE 4 COMPONENTE 2, “Dalla ricerca all’impresa” INVESTIMENTO 1.4 - POTENZIAMENTO STRUTTURE DI RICERCA E CREAZIONE DI “CAMPIONI NAZIONALI DI R&S” SU ALCUNE KEY ENABLING TECHNOLOGIES”	Antibiotic resistance in the marine environment and in aquaculture settings: sources, reservoirs and pathways

Applicants awarded with PhD scholarships funded by Next Generation EU shall fulfil specific obligations foreseen in the relevant funding scheme and in the relevant regulations.

Admission Exams

The admission exams detailed schedule shall be published **starting from December 1st, 2022:**

- on the [University website](#), selecting the relevant PhD Programme > “More information”, at the bottom of the page in the section “Notices”;
- on [Studenti Online](#) (select “summary of the requests in progress” > “see detail” and open the .pdf file at the bottom of the page). **No personal written communication will be sent to applicants.**

Required and Supporting Documents to be attached to the application

All the documents listed below **shall be drawn up in English or in Italian.** In case of documents originally issued in any other language (e.g. identity document, qualifications), an official translation is required.

Only qualifications obtained **during the last 5 calendar years** shall be taken into consideration, except for the University Degree. The Admission Board will assess the relevance of the supporting documents to the PhD Programme.

REQUIRED DOCUMENTS	
Identity document	Valid identity document with photo (i.e. identity card, passport)
Curriculum Vitae	No specific CV format is required
Degrees	Documents attesting the awarding of the first and second cycle degrees, the exams taken and the marks obtained (see Art. 3 of the Call for Applications)
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SUPPORTING DOCUMENTS	
Research proposal	Multi-annual research proposal, with special emphasis on the activities to be completed during the first-year course . The proposal must meet the following requirements: <ul style="list-style-type: none"> - it must mention on the cover page the main research area and topics the applicant is interested to and the proposal is about; - it cannot exceed 20,000 characters, including spaces and formula possibly used. This figure does not include: the title of proposal, the outline, references and images (such as graphs, diagrams, tables, etc. - if present); - it must include: the state of the art; description of the proposal; expected results; articulation of the proposal and implementation times; references.
Thesis abstract	Abstract of the second cycle degree thesis . Graduands applicants may submit the draft of the thesis. Abstracts cannot exceed 5,000 characters, including spaces and formula possibly used. The above figure does not include: the title of the thesis, the outline, references, and images such as graphs, diagrams, tables etc.
Reference letter/s	No more than 2 reference letters signed by Italian or international academics and professionals in the research field, which do not form part of the Admission Board, attesting the suitability of the applicant and his/her interest in the scientific research. Letters shall be uploaded following the procedure detailed in the Call for Applications (Art. 3.2)
Personal Statement	The statement shall include the reasons prompting the applicant to attend the PhD Programme and those relevant experiences and research interests , that make the applicant suitable for the specific PhD Programme (3000 characters maximum, including spaces).
Publications	<ul style="list-style-type: none"> - Full text publications (i.e. monographs, articles on scientific journals) – max n. 5 - Full text minor publications (conference papers, etc.) – max n. 5 - Full text abstracts and posters presented during national and international conferences, etc. – max n. 5
Other documents	<ul style="list-style-type: none"> - Postgraduate vocational training programmes relevant to the PhD Programme main research topics - Research activity of any kind - whether basic, applied, translational, etc. - carried out in any capacity, including when covered by research grants, and as a staff member of research projects - Work activity - Curricular or non-curricular professional internships - Documents attesting the applicant's foreign languages proficiency - Periods of study abroad, completed by applicants outside their countries of origin (e.g. Erasmus programme or other similar mobility programmes) - Other qualifications attesting the suitability of the applicants (scholarships, prizes, etc.)

Evaluation criteria*

Scores will be expressed in points out of 100, as follows.

1. Qualifications and research proposal evaluation

Minimum score for admission to the oral examination: 30 points, Maximum score: 50 points

Qualifications evaluation	First (Bachelor's) and second cycle (Master's) degree final mark. Graduands shall be evaluated according to the Weighted Average Mark (WAM)	15 points max
	Publications	10 points max
	Personal statement	6 points max

	Reference letter/s and other evaluable documents	4 points max
Research proposal evaluation	Scientific value and ground-breaking nature of the proposal	9 points max
	Structure of the proposal	3 points max
	Proposal feasibility	3 points max

2. Oral examination

Minimum score for eligibility: 30 points, Maximum score 50 points

English language proficiency	5 points max
Research proposal presentation	35 points max
General knowledge of the research topics linked to the available PhD positions	10 points max

Oral examination aims to assess the suitability of the applicant for scientific research as well as the general knowledge of the research topics linked to the available PhD positions.

During the oral examination, the applicant's English language proficiency shall be assessed.

The oral examination is carried out in English.

* Possible further evaluation criteria will be available on the [University website](#), selecting the relevant PhD Programme > "More information".