



PHD PROGRAMME TABLE 40TH CYCLE

ERRATA CORRIGE

PROGRAMME'S NAME	EARTH, LIFE AND ENVIRONMENTAL SCIENCES
DURATION	3 years
PROGRAMME START DATE	01/11/2024 (DD/MM/YYYY)
LANGUAGES	Italian, English
COORDINATOR	Prof. Barbara Cavalazzi (barbara.cavalazzi@unibo.it)
CURRICULA	1. Geology 2. Biology
PhD POSITIONS	11
ADMISSION PROCEDURE	Qualifications evaluation Oral examination

Available Positions and Scholarships

Pos. n.	Financial Support	Description	Positions linked to research topics
1	PhD scholarship	Totally funded by the University of Bologna general budget	The high-altitude lichen biota of the Tuscan-Emilian Apennines: floristics, taxonomy, modeling
2	PhD scholarship	Totally funded by the University of Bologna general budget	Mitochondrial degradation processes in bivalve germline
3	PhD scholarship	Totally funded by the University of Bologna general budget	Biology and mobility pattern of the Ávar people in the Italy territory in the 7th century
4	PhD scholarship	Totally funded by the University of Bologna general budget	Constraining the uncertainty in climate predictions and projections using large ensembles
5	PhD scholarship	Totally funded by the University of Bologna general budget	Conservation Paleobiology of marine settings in the Mediterranean Sea
6	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Biological, Geological, and Environmental Sciences with funds NGU_BASE_2_PROJECT, ENI_OdL_4310502460_Viola, RER_R71_PERICOLOSITA_SISMICA and ITALFERR_65CT21	Mechanisms and processes controlling accretionary wedge formation in obduction orogens: Insights from the Jabal Akhdar and Sai Hatat windows in central Oman
7	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Biological, Geological, and Environmental Sciences with funds made available by the project SEAMoBB Solutions for semi-Automated monitoring of benthic biodiversity - Programme ERA-NET Cofund MarTERA "Maritime and Marine	Omics and integrative technologies to enhance restoration and conservation of marine animal forests

		Technologies for a new Era”, by the project LIFE22-NAT-IT-LIFE-NatuReef/101113742 and e NGU_BASE_2_PROJECT	
8	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Biological, Geological, and Environmental Sciences with funds made available by the project LIFE22-NAT-IT-LIFE-NatuReef/101113742	Assessment of the climate variability effects on wetlands environment through an integrated approach of remote sensing, hydrogeological and ecological modelling
9	PhD scholarship	Funded by the Department of Biological, Geological, and Environmental Sciences with funds made available by the project ALTRIPN_2020_DRYNK_VITALE_A_01	Tracking hydrogen-rock interactions in the continental crust through petrology and geochemistry
10	PhD scholarship	Funded by the Department of Biological, Geological, and Environmental Sciences with funds made available by the Canziani donation	Mitonuclear coevolution and life history traits: a comparative genomics approach
11	PhD scholarship	Funded by the EU – NextGenerationEU with funds made available by the National Recovery and Resilience Plan (NRRP) – M4C2I1.3 by Partenariato Esteso 15 - Space It Up! Project (topic 15 PNRR “Space activities”) - CUP J53C24000580006	Characterization of extreme environments and biosignature detection for Mars Sample Return missions

The number of positions and scholarships may be incremented in case additional funding becomes available, notwithstanding the terms of the application process in the Call. Any amendment, update or integration of the Programme Table will be published on the University website, even after the Call for applications has expired. Any further PhD positions shall be integrated in the PhD Programme Table within ten days before the oral examination.

All PhD positions winners shall fulfill the learning and research obligations decided by the Academic Board and the obligations foreseen in the relevant regulations, funding schemes and eventual agreements, and in the Call for Applications.

Admission Exams

	DATE AND TIME	RESULTS
Qualifications evaluation	Applicants’ participation is not required	Available from 17/07/2024
Oral examination	Date: starting from 22/07/2024 – 9.30 a.m. CEST Place: In presence, Via Selmi 3, Bologna. Remotely, using Microsoft Teams	Available from 25/07/2024

The results of the qualifications and research proposal evaluation shall be available on the webpage [Studenti Online](#) (select “summary of the requests in progress” > “see detail” and open the .pdf file at the bottom of the page) together with the oral examination detailed schedule. **No personal written communication will be sent to applicants concerning the examinations results.**

During the oral examination, applicants may express their interest in one or more positions linked to specific research topics.

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)
SUPPORTING DOCUMENTS	
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 and 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 (3,000 characters maximum, including spaces).
Publications	Lists of publications (i.e. monographs, articles on scientific journals), minor publications (conference papers, etc.), abstracts and posters presented during national and international conferences, etc.
Other documents	<ul style="list-style-type: none"> - Postgraduate vocational programmes and/or specialisation programmes relevant to the PhD Programme - Specialisation thesis abstract (max 5,000 characters) - Teaching activity carried out at academic level - 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 and non-curricular training 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 evaluation

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

Second cycle degree (Master's) final mark. Graduands shall be evaluated according to the Weighted Average Mark (WAM)	25 points max
Publications	5 points max
Personal statement	10 points max
Reference letter/s and other evaluable documents	10 points max

2. Oral examination

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

English language proficiency	10 points max
General knowledge of the PhD programme's main research topics and of the research topics linked to the available PhD positions	40 points max

Oral examination aims to assess the suitability of the applicant for scientific research as well as the general knowledge of the PhD programme's main research topics and of the research topics linked to the available PhD positions. **During the oral examination, the applicant's English proficiency shall be assessed.**

The oral examination is carried out in Italian or English.

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