

PHD PROGRAMME TABLE 37TH CYCLE

Section "Available Positions and Scholarships" integrated on 20/05/2021

Section "Available Positions and Scholarships" integrated on 08/06/2021

PROGRAMME'S NAME	HEALTH, SAFETY AND GREEN SYSTEMS
DURATION	3 years
PROGRAMME START DATE	01/11/2021
LANGUAGE	English
MANDATORY STAY ABROAD	3 months
COORDINATOR	Prof. Patrizia Tassinari (patrizia.tassinari@unibo.it)
CURRICULA	N/A
RESEARCH TOPICS	Detailed list at the bottom of the present document
PhD POSITIONS	8
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	Totally funded by the University of Bologna general budget	
2	PhD Scholarship	Co-funded by the University of Bologna general budget and the Department Agricultural and Food Sciences	Spatial analyses with Geographic Information Systems
3	PhD Scholarship	Co-funded by the University of Bologna general budget and the Department Pharmacy and Biotechnology	
4	PhD Scholarship	Co-funded by the University of Bologna general budget and the Department Biomedical and Neuromotor Sciences	
5	PhD Scholarship	Funded by Fondazione Cassa di Risparmio di Imola	Sustainability, environment and health
6	PhD Scholarship	Funded by Fondazione Cassa di Risparmio di Imola	Sustainability, environment and health
7	PhD Scholarship	Funded by the Department of Agricultural and Food Sciences	Advanced systems and techniques for promotion the conservation of monumental trees
8	PhD Scholarship	Funded within the Research training projects "Big Data per una regione europea più ecologica, digitale e resiliente" (Fondo POR FSE – Resolution n. 752 of 24/05/2021)	Big data and "healthy cities": regeneration of urban contexts, green systems and safe and healthy lifestyles

Admission Exams

	DATE AND TIME	RESULTS
Qualifications and research proposal evaluation	Applicants' participation is not required	Available from 16/06/2021**
Oral examination	Date: starting from 28/06/2021 - 9.30 a.m. CEST* Place: Remotely, using Microsoft Teams	Available from 06/07/2021**

* In case that the oral examination cannot be completed in one day due to the large number of applicants, the oral examination detailed schedule shall be made available on the webpage [Studenti Online](#) together with the results of the

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

** The **results of the admission exams** will 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. **No personal written communication will be sent to applicants concerning the examinations results.**

Required and Supporting Documents to be attached to the application

(only documents in Italian, English, French, German and Spanish shall be considered as valid and be assessed by the Admission Board)

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	
Research proposal	Multi-annual research proposal, with special emphasis on the activities to be completed during the first-year course, in English or in Italian . The proposal must meet the following requirements: <ul style="list-style-type: none"> - it cannot exceed 20.000 characters, including spaces and formulas, if present. This figure does not include: the title, the outline, references and images (such as graphs, diagrams, tables etc. - where present); - it must include: state of the art; project’s description; expected results; timeline of the proposed research activities; outline of the proposed findings assessment criteria; references. The research proposal that successful applicants shall carry out during their PhD career may possibly differ from the proposal submitted at the application stage. This shall be defined together with the supervisor and approved by the Academic Board.
Thesis abstract	Abstract of the second cycle degree thesis . Graduands may submit the draft of their thesis (abstracts cannot exceed 5.000 characters, including spaces and formulas, if present. The above figure does not include: title, outline, images such as graphs, diagrams, tables etc. if present)
Reference Letter/s	No more than 2 reference letters signed by Italian and/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 for the scientific research. Letters shall be uploaded following the procedure on Studenti Online , detailed in the Call for Applications (Art. 3.2).
Publications	List of publications (i.e. monographs, articles on scientific journals, volume chapters), minor publications (conference papers, etc.) and abstracts and posters presented during academic conferences
Other documents	<ul style="list-style-type: none"> - University Master Courses (Master Universitari di I e II livello), Postgraduate vocational training programmes and/or specialisation programmes relevant to the PhD Programme - Teaching activity carried out at university level - Research activity - whether basic, applied, translational, etc. - carried out in any capacity, including when covered by research grants, and as a staff member of research units - Language proficiency certificates - Periods of study abroad, outside the country 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	University degree final mark. Graduands shall be evaluated according to the Weighted Average Mark (WAM)	10 points max
	Publications	5 points max
	Other documents (Diplomas or Master's degrees and specialization courses relevant to the PhD Programme, research periods carried out in qualified Institutions, reference letters, other relevant qualifications)	7 points max
Research proposal evaluation	Scientific value and innovative nature of the proposal	20 points max
	Description and structure of the proposal	3 points max
	Proposal feasibility	5 points max

1. Oral examination

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

English proficiency	10 points max
Research proposal presentation	30 points max
General knowledge of issues encompassed by the PhD Programme	10 points max

Oral examination includes the presentation of the research project and aims to assess the suitability of the applicant for scientific research as well as the general knowledge of issues encompassed by the PhD Programme ([see the list of research topics at the bottom of the present document](#)). During the oral examination, English language proficiency shall be assessed. The oral examination is carried out in Italian or in English.

*Possible further evaluation criteria will be available on the [University website](#), selecting the relevant PhD Programme > "More information", at the bottom of the page in the section "Notices".

Final Ranking List and Enrollment

Considering the expressions of interest for **topic-specific positions only** (Art. 9 of the Call for Applications), the Admission Board will establish if the applicants can be considered eligible for the allocation of the scholarships linked to specific research topics, taking into account their specific skills, experience and aptitude. The positions linked to specific research topics will not be assigned in case no candidate has been considered to be eligible by the Admission Board.

For each topic-specific position, a sub-ranking list shall be drawn-up. In case of vacancies, if all the eligible candidates in the sub-ranking list were to renounce to enrollment, the position will not be assigned.

After the publication of the results of the oral examination, the **final ranking list** will be available on the [University website](#), selecting the relevant PhD Programme > "More information", section "Notices" at the bottom of the page.

Following the publication of the final ranking list, successful applicants shall **enroll** on [Studenti Online](#) by the deadline indicated on the [University website](#), selecting the relevant PhD Programme > "More information".

If a successful applicant withdraws from a position, the following applicant in the ranking list, who is also eligible for the specific position, will be contacted. During the replacement procedure, the new terms of enrollment shall be communicated via e-mail to the chosen applicant.

Research Topics

The PhD programme has a strongly transdisciplinary character, aiming at meeting the growing demand from the social, productive and institutional context for researchers, decision makers and policy makers capable of systematizing the various scientific and professional domains in the field of **Health, Safety and Green Systems**. The PhD programme trains specialists in relation to specific thematic areas related to complex problems, aggregating - with a strongly integrated approach - disciplines and methodologies related to different scientific fields. In particular, with reference to concepts like *urban health, health-focused green systems, promotion of physical activity, rehabilitation, better health and active living in urban environments*, the PhD programme is clearly focused on sustainability issues, addressing various of the UN SDGs.

The central disciplines of the Phd are: medical and health profession sciences, botanical-pharmaceutical sciences, chemical extraction sciences, toxicology, phytocosmetical and nutritional sciences, agricultural sciences, architectural and civil and environmental engineering sciences, in their different articulations (food production and processing, production, management and design issues related to green systems and urban and territorial systems), and in their mutual relations. The PhD course thus consists of different complementary areas, developed cross-cutting the thematic clusters related to health, safety, and green systems: prevention and promotion of health and safety in the areas of living, working, caring, recreation and sociality; recycling of vegetable matrices for developing new products for the drug, phytocosmetics and food supplements industry; quality control of food supplements based on medicinal herbs or other raw materials; toxicity and safety of no-food supplements and environment; production, design and sustainable management of green areas; resilient cities; biodiversity and ecosystem services; spatial planning.