

**PhD Programme Table - 38th cycle**  
**NRRP “National Recovery and Resilience Plan” Call for Applications**



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European Union**  
NextGenerationEU



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

Section “Available Positions and Scholarships” integrated on 27/07/2022

PROGRAMME’S NAME	<b>GENERAL MEDICAL AND SERVICES SCIENCES</b>
DURATION	3 years
PROGRAMME START DATE	01/11/2022 (DD/MM/YYYY)
LANGUAGES	Italian
COORDINATOR	Prof. Fabio Piscaglia ( <a href="mailto:fabio.piscaglia@unibo.it">fabio.piscaglia@unibo.it</a> )
RESEARCH TOPICS	<a href="#">Detailed list at the bottom of the present document</a>
PhD POSITIONS	2
ADMISSION PROCEDURE	Qualifications and research proposal evaluation Oral examination

### Available Positions and Scholarships

Pos. n.	Financial Support	Description	Position linked to a specific research topic
1	<b>PhD Scholarship Ex M.D. 351/2022 - NRRP Research</b>	Funded by the EU - NextGenerationEU with funds made available by the National Recovery and Resilience Plan (NRRP) Mission 4, Component 1, Investment 4.1 (MD 351/2022) – NRRP Research	Development of prognostic and predictive models of response to pharmacological treatments in oncology
2	<b>Executive PhD</b>	Position reserved for employees of Azienda Unità Sanitaria Locale della Romagna	Enhancement and implementation of obstetric skills in maintaining physiologicality e the humanization of the birth path. Definition of the organizational - management and standard model reference assistance

Applicants awarded with Ex M.D. 351/2022 or Ex M.D. 352/2022 PhD scholarships shall have specific obligations (i.e. mandatory research periods abroad and/or in a firm) during their PhD programme. For detailed information, refer to the Call for Applications, articles 1.2 and 1.3, and to the text of the law.

### Admission Exams

The admission exams detailed schedule shall be published **starting from July 12<sup>th</sup>, 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	
<b>Identity document</b>	Valid identity document with photo (i.e. identity card, passport)
<b>Curriculum Vitae</b>	No specific CV format is required
<b>Degrees</b>	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)
<b>Research proposal</b>	Multi-annual research proposal, with special emphasis on the <b>activities to be completed during the first-year course</b> . The proposal must meet the following requirements: <ul style="list-style-type: none"> <li>- it must <b>mention on the cover page the main research topic</b> the applicant is interested to and the proposal is about;</li> <li>- <b>it cannot exceed 20,000 characters</b>, 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);</li> <li>- <b>it must include</b>: the state of the art; description of the proposal; expected results; articulation of the proposal and implementation times; outlining of the criteria meant to be used to assess the research results; references.</li> </ul>
SUPPORTING DOCUMENTS	
<b>Thesis abstract</b>	Abstract of the <b>second cycle degree thesis</b> . 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.
<b>Reference letter/s</b>	<b>No more than 2 reference letters</b> 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)
<b>Personal Statement</b>	The statement shall include the reasons prompting the applicant to attend the PhD Programme and <b>those relevant experiences and research interests</b> , that make the applicant suitable for the specific PhD Programme (3000 characters maximum, including spaces).
<b>Publications</b>	<ul style="list-style-type: none"> <li>- Full text publications (i.e. monographs, articles on scientific journals) – <b>max n. 10</b></li> <li>- Full text minor publications (conference papers, etc.) - <b>max n. 8</b></li> <li>- Abstracts and posters presented during national and international conferences, etc. - <b>max n. 8</b></li> </ul> <b>Please, remember to attach a list of the minor publications and abstracts submitted to evaluation.</b>
<b>Other documents</b>	<ul style="list-style-type: none"> <li>- Postgraduate vocational training programmes relevant to the PhD Programme main research topics</li> <li>- Specialisation thesis abstract (max 5,000 characters)</li> <li>- Teaching activities carried out at academic level</li> <li>- Research activity of any kind - whether basic, applied, translational, etc. - carried out in any capacity, covered by research fellowships or grants, and as a staff member of research projects</li> <li>- Documents attesting the applicant's foreign languages proficiency</li> <li>- Peer reviewer activities on PubMed journals</li> <li>- Periods of research abroad, completed by applicants outside their countries of origin</li> <li>- Other qualifications attesting the suitability of the applicants (scholarships, prizes, etc.)</li> </ul> <b>Please, remember to attach a list of the experiences submitted to evaluation.</b>

## 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

<b>Qualifications evaluation</b>	First (Bachelor's) and second cycle (Master's) degrees final marks. Graduands shall be evaluated according to the Weighted Average Mark (WAM)	10 points max
	Publications	4 points max
	Reference letter/s	1 point max
	Other evaluable documents (CV, training and research activity, etc.)	3 points max
	Second cycle thesis abstract	4 points max
<b>Research proposal evaluation</b>	Scientific value and ground-breaking nature of the proposal	20 points max
	Structure of the proposal	4 points max
	Proposal feasibility	4 points max

## 2. Oral examination

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

English language proficiency	10 points max
Research proposal presentation	25 points max
General knowledge of issues encompassed by the PhD Programme	15 points max

Oral examination 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, 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".

## Research Topics

- Ultrasound in Human Medicine
- Public health and occupational medicine
- Maternal and child medicine
- Pathophysiology of sexual development
- Onco Hepatology
- Medical Statistics
- Oncological Genetics
- Clinical Pharmacology
- Bio-medico-legal Sciences