

GENERAL MEDICAL AND SERVICES SCIENCES

Section "Positions and scholarships" integrated on 29/05/2017

Section "Positions and scholarships" integrated on 07/06/2017

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Programme start date	01/11/2017
Duration	3 years
Programme language	Italian
Mandatory stay abroad	Yes (1 month)
Programme accredited with (Intersectoral PhD programme)	Azienda Ospedaliero - Universitaria di Bologna
Research topics	
<ul style="list-style-type: none">- Ultrasound in Human Medicine- Public health and occupational medicine- Dentistry for the disabled- Maternal and child medicine and pathophysiology of sexual development- Onco Hepatology- Medical Genetics	
Admission requirements	
Applicants who have one of the following degrees may participate in the selection: <ul style="list-style-type: none">- Laurea specialistica or Laurea magistrale (second cycle degree)- Laurea Vecchio Ordinamento (degree obtained under the Italian previous regulations);- Degree granted by AFAM (Alta Formazione Artistica e Musicale) member institutions;- an academic Master's degree obtained abroad, comparable to the above mentioned Italian degrees and recognized as suitable for the admission to doctoral programmes. Undergraduated applicants may also submit applications with the obligation of getting their degree by October 31 st 2017.	
Documents to be attached to the application under penalty of exclusion (only documents in Italian, English, French, German and Spanish will be considered valid and assessed by the Admission Board)	
<ul style="list-style-type: none">- Scanned Copy of a valid identification document with photo (either National Identity document or Passport)- Curriculum vitae- Certificates and academic transcripts of records of <u>both Bachelor's and Master's degrees</u> containing the following details for each degree held:<ul style="list-style-type: none">o university that granted the degreeo type of degree (first cycle / second cycle / single cycle)o name of the degree programmeo date of graduationo final marko list of exams taken with their scores (academic transcript of records)o translation into Italian or English (<u>only for degrees issued in languages other than Italian, English, French, German and Spanish</u>). Applicants who have degrees obtained in: <ul style="list-style-type: none">o an italian public university have to submit a <u>self-declaration</u> with date and signature (of <u>both first and second cycle degrees</u>: Laurea triennale and laurea specialistica/ magistrale/ laurea vecchio ordinamento)o EU Countries, except Italy, can submit a <u>self-declaration</u> or degree certificate or Diploma Supplement (of <u>both Bachelor's and Master's degrees</u>)o non-EU Countries have to submit the degree <u>certificate</u> and <u>academic transcript of records</u> (of <u>both Bachelor's and Master's degrees</u>) Undergraduated applicants have to submit: <ul style="list-style-type: none">o the documents as above, except for the following details: Master's degree date of graduation and final marko a self-declaration of the scores' weighted average (if not indicated in the academic transcript of records).	
Other documents to be attached to the application, if in the applicant's possession (only documents in Italian, English, French, German and Spanish will be considered valid and assessed by the Admission Board)	
<ul style="list-style-type: none">- Abstract of the dissertation of the second cycle degree or, for undergraduated applicants, of the draft dissertation approved by the supervisor (max. 5000 characters, spaces included, and any formulas, and not including title, contents, bibliography or illustrations, if any).- No more than 2 letters of presentation from university professors and/or Italian and international professionals who are not members of the Admission Board attesting the applicant's aptitude and interest in the scientific research <u>Note: The applicant should not personally attach the letters of presentation to the application. The applicant should enter the email address of the professor/professional of whom the letter of presentation is requested when filling in the application on the website http://studenti.unibo.it. The professor/professional will receive an email containing instructions</u>	

for uploading the letter of presentation. The letter of presentation should be uploaded by the professor/professional in pdf format only and before the deadline of this Call for Applications.

- Long-term research project with particular emphasis on the 1st year activities, which the applicant plans to carry out as part of the PhD programme and must:
 - o state the research topic of the PhD programme that the applicant is interested in and that the project concerns on the title page (research projects without this information will not be considered);
 - o have a maximum length of 20,000 characters, spaces and formulas included, and not including title, contents, bibliography or illustrations, if any (anything in excess will not be considered);
 - o be broken down into: state of the art; project description; learning outcomes; structure of the project and execution schedule; criteria proposed to check the results; bibliography.

The research project submitted with the application, however, may not be the one the successful applicant will carry out during the doctoral studies. Supervisors and Academic Board can propose a different one.

The following documents have to be enclosed in different files according to each item of the following list (please remember to indicate the relevant item in the file's name).

1. List of the scientific publications (articles in scientific journals), being the applicant author or co-author, reviewed in PubMed starting from 2011 on
2. List of the scientific publications (essays or articles in scientific journals), being the applicant author or co-author, NOT reviewed in PubMed starting from 2011 on
3. Numbered list of other publications (up to 15 conference proceedings including syllabus or abstract, contributions, etc.) starting from 2011 on
4. Scientific research of any type (basic, oriented, targeted, translational, applied, etc.) and carried out in any capacity, including research grants and taking part in research projects
5. Other documents certifying the applicant's training and abilities (grants, awards, etc.)

Entrance exams (Art. 4 of the Call for Applications)

Type of exams	Exam book (applicants will not receive any summoning)	Publication of exam results (applicants will not receive any exam result notification)	
Assessment of qualifications and research project	The applicant's presence is not required.	The results of the assessment of qualifications and the research project can be consulted starting from 22/07/2017 on the website http://studenti.unibo.it (select: 'summary of the requests in progress' → 'see detail' and open the pdf file named 'risultati valutazione titoli e progetto').	
Oral exam	Date	The oral exam results can be consulted on the website http://studenti.unibo.it starting from 14/09/2017 (select: 'summary of the requests in progress' → 'see detail' and open the pdf file named 'risultati prova orale').	
			05/09/2017 If there are too many applicants for the oral exam to be carried out in a single day, the oral exam calendar will be published on the website http://studenti.unibo.it together with the results of the assessment of qualifications and of the research project
	Place		Via Massarenti, 13 – Bologna Policlinico S.Orsola-Malpighi Padiglione 4 Room: "Aula Sfameni"
	Time		9:30 a.m. (local time)
The oral examination can be held only in presence. Oral exam through videoconference based on IP protocol (e.g.: Skype/webcam) is not allowed			

Exam assessment criteria

Scores will be expressed in a 100-point scale, as follows:

1. Assessment of qualifications and research project

- minimum for being admitted to the oral exam: 30 points
- maximum: 50 points

Only qualifications and documents no older than 5 years (up to the deadline of this call for applications) - Bachelor's and Master's degrees excluded - and deemed congruent with the research topics of the PhD programme will be assessed.

The assessment of qualifications grade will be given based on the following criteria:

- degree mark, and for those who are undergraduated students on the date this Call for Applications expires, the weighted average of marks of the exams: up to 7 points. Score related to the degree mark will be assigned as follows:
 - o 110 cum laude: 7 points
 - o 110: 6 points
 - o from 108 to 109 included: 5 points
 - o from 106 to 107 included: 4 points
 - o from 103 to 105 included: 3 points
 - o from 100 to 102 included: 2 points

- o from 90 to 99 included: 1 point.

Undergraduated applicants who have degrees obtained in Countries where the degree is awarded on the basis of the scores' average, as no final dissertation is needed, will be assigned 4 additional points to the scores' average. Final scores not expressed in 110 will be proportionally converted to 110.

- Publications: up to 8 points; scores will be given based on the following criteria:
 - o Publications reviewed in PubMed
 - The applicant's name is the 1st one (or the last one or as *corresponding author*): 2 points
 - The applicant's name is the 2nd one: 0.5 points
 - The applicant's name is the 3rd one: 0.3 points
 - o Publications NOT reviewed in PubMed or monographies:
 - The applicant's name is the 1st: 0.3 points
 - The applicant's name is from the 2nd on: 0.2 points
 - o For abstract (please note: abstracts submitted for different conferences will be evaluated just once):
 - The applicant is the 1st author: 0.2 points
 - The applicant is other author: 0.1 points
 - abstract of the degree dissertation: up to 6 points. For applicants who have degrees obtained in Countries where no final dissertation is needed, postgraduate and/or specialization programmes' thesis could be assessed
 - letters of presentation: up to 1 point (half point for each reference letter)
 - research experience: up to 3 points (1 point for each year of research contract)
 - other qualifications: up to 2 points (including 1 point for each personal prize as 1st author)
- The assessment of the research project's grade will be given based on the following criteria:
- Scientific value and originality: up to 18 points
 - Proposal structure: up to 2 points
 - Proposal feasibility: up to 3 points.

2. Oral exam

- minimum to be placed on the list of qualified applicants: 30 points
- maximum: 50 points

The oral examination will focus on the explanation and discussion of the applicant's research project and will assess his/her aptitude for scientific research and his/her overall preparation on subjects regarding the research topics of the PhD programme.

Knowledge of the English language will be ascertained during the oral exam.

The oral exam is taken in Italian or English.

Scores will be assigned according to the following criteria:

- knowledge of foreign language: up to 10 points
- good argument regarding the project: up to 20 points
- grounding on the PhD programme topics: up to 20 points

If the Admission Board should establish any sub-criteria for assessing the exams before the exams are held, and in any case before having the applications submitted by the applicants at their disposal, they can be consulted on <http://studenti.unibo.it> (select: 'summary of the requests in progress' → 'see detail' and open the pdf file named 'sub-criteri di valutazione').

Final ranking list and enrolment (Art. 6 and 7 of the Call for Applications)

The final ranking list will be published on <http://studenti.unibo.it> (select: 'summary of the requests in progress' → 'see detail' and open the pdf file named 'graduatoria').

No personal written communication shall be provided to applicants concerning the final results and the deadlines for enrolment.

Selected applicants will have to enroll by the date indicated in the final ranking list published on <http://studenti.unibo.it>

Positions and scholarships

Total positions available	11
Positions with university scholarship	8
Positions with scholarship dedicated to specific research topics (Art. 9 of the Call for Applications) During the oral exam, applicants may express to the Admission Board their interest in being assigned a scholarship dedicated to a specific research topic. The Board will decide on the applicant's eligibility for a specific research topic in consideration of his/her competences, experience, specific aptitudes and research project. The ranking list will be assigned according to applicants' eligibility to a specific research topic.	1 financed by Sfamini Foundation, dedicated to the research topic "Maternal and child medicine and pathophysiology of sexual development".
Reserved positions (Intersectoral PhD programme)	1 - reserved to Azienda Ospedaliero - Universitaria di Bologna employees and dedicated to the following research topic: "Innovative eco-endoscopy applications" 1 - reserved to Azienda Ospedaliero - Universitaria di Bologna employees and dedicated to the following research topic: "Personalized care models for chronic kidney diseases"