



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

AREA
FORMAZIONE E DOTTORATO

PHD PROGRAMME TABLE

Call for applications for the admission to the PhD programmes (42nd cycle) - A.Y. 2026/2027
Second round

Section "Available Positions and Scholarships" integrated on 29/05/2026

PROGRAMME'S NAME	CARDIO NEPHRO THORACIC SCIENCES
DURATION	3 years
PROGRAMME START DATE	01/11/2026 (DD/MM/YYYY)
LANGUAGES	Italian, English
COORDINATOR	Prof. Niccolò Daddi (niccolo.daddi@unibo.it)
CURRICULA	1. Cardiology/Cardiac Surgery 2. Nephrology/Urology 3. Pulmonary Diseases/Thoracic Surgery
PhD POSITIONS	13
ADMISSION PROCEDURE	Research proposal evaluation Oral examination

Available Positions and Scholarships

Pos. n.	Financial Support	Description	Positions linked to a specific research topic
1	PhD Scholarship	Totally funded by the University of Bologna general budget	
2	PhD Scholarship	Totally funded by the University of Bologna general budget in the framework of the "Dipartimenti di Eccellenza" initiative	Redefining Non-Invasive Ventilation: integrating international bench studies to advance clinical management in acute and chronic respiratory care
3	PhD Scholarship	Funded by the University of Bologna general budget and by the Dept. of Medical and Surgical Sciences	New laser technologies for the treatment of benign prostatic hyperplasia
4	PhD Scholarship	Funded by the University of Bologna general budget and by the Dept. of Medical and Surgical Sciences	International Online Barrett's Esophagus Registry - The IOBER Project
5	PhD Scholarship	Funded by the University of Bologna general budget and by the Dept. of Medical and Surgical Sciences	Ballon pulmonary angioplasty in chronic thromboembolic pulmonary hypertension: clinical, hemodynamic, and prognostic impact
6	PhD Scholarship	Funded by the University of Bologna general budget and by the Dept. of Medical and Surgical Sciences	Treatment of urethral and ureteral strictures and application of new minimally invasive devices
7	PhD Scholarship	Funded by the University of Bologna general budget and by the Dept. of Medical and Surgical Sciences	Identification and prevention of frailty in kidney transplant candidates

8	PhD Scholarship	Funded by the University of Bologna general budget and by the Dept. of Medical and Surgical Sciences	Diagnostic and preventive impact of an international network for Anderson-Fabry disease
9	PhD Scholarship	Funded by the Dept. of Medical and Surgical Sciences	Lifetime management of patients undergoing transcatheter aortic valve implantation
10	PhD Scholarship	Funded by Piccoli Grandi Cuori ODV	Multimodal neurological monitoring and neurodevelopmental outcomes in pediatric congenital heart disease
11	PhD Position without a Scholarship		Functional studies in cell models of RBM20 variants in cardiomyopathies
12	PhD Position without a Scholarship		Anatomic, surgical, and clinical determinants of distal aortic remodelling following surgical repair of acute DeBakey Type I aortic dissection
13	PhD Position without a Scholarship		Intuity Elite vs Magna Ease in aortic valve stenosis: a prospective study of left ventricular remodeling by cardiac magnetic resonance imaging with bicuspid aortic valve subgroup analysis

The yearly gross amount of the scholarships awarded for the PhD Programme in “Cardio Nephro Thoracic Sciences” is €16,982.64.

All winners of PhD positions must fulfil the study and research obligations decided by the Academic Board, as well as the obligations set out in the relevant regulations, in the call for applications, in the funding schemes and in any agreements relating to specific positions.

Admission Exams

	DATE AND TIME	RESULTS
Research proposal evaluation	Applicants’ participation is not required	Available from 22/06/2026
Oral examination	Date: starting from 15/07/2026 –8.30 a.m. CEST Place: Remotely, using Microsoft Teams	Available from 20/07/2026

The results of the research proposal evaluation, as well as the oral examination detailed schedule, shall be available on the webpage [Studenti Online](#) (select “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.

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

Required and Supporting Documents to be attached to the application

Only documents in Italian or English will be considered valid and will be assessed by the Admission Board. Identity documents and diplomas/degree certificates issued in a language other than Italian or English must be accompanied by an official translation. The translation must be carried out by an authorized body or by the awarding university. Only qualifications obtained in the last 5 years will be taken into account, with the exception of university degrees. 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)
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: - it must mention on the cover page the Curriculum and/or the main research 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; outlining of the criteria meant to be used to assess the research results; references. In accordance with the University's policy on the ethical and responsible use of Generative Artificial Intelligence in teaching and research activities, candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.
SUPPORTING DOCUMENTS	
Thesis abstract	Abstract of the second cycle degree thesis . Graduands applicants may submit an abstract of the thesis to be defended. 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.
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	- Postgraduate vocational training programmes relevant to the PhD Programme main research topics - Specialisation thesis (abstract or full text) - 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. Research proposal evaluation

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

Scientific value and ground-breaking nature of the proposal	20 points max
Structure of the proposal	15 points max
Proposal feasibility	15 points max

2. Oral examination

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

English language proficiency	10 points max
Research proposal presentation	30 points max
General knowledge of the PhD programme's main research topics and of the research topics linked to the available PhD position	10 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 position.

During the oral examination, the applicant's 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".