



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	BIOMEDICAL AND NEUROMOTOR SCIENCES
DURATION	3 years
PROGRAMME START DATE	01/11/2026 (DD/MM/YYYY)
LANGUAGES	Italian, English
COORDINATOR	Prof. Matilde Yung Follo (matilde.follo@unibo.it)
PHD POSITIONS	17
ADMISSION PROCEDURE	Qualifications and research proposal evaluation Oral examination

Available Positions and Scholarships

Pos. n.	Financial Support	Description	Positions linked to research topics
1	<i>PhD Scholarship</i>	Totally funded by the University of Bologna general budget	
2	<i>PhD Scholarship</i>	Totally funded by the University of Bologna general budget	
3	<i>PhD Scholarship</i>	Totally funded by the University of Bologna general budget	
4	<i>PhD Scholarship</i>	Totally funded by the University of Bologna general budget	
5	<i>PhD Scholarship</i>	Totally funded by the University of Bologna general budget	
6	<i>PhD Scholarship</i>	Totally funded by the University of Bologna general budget	
7	<i>PhD Scholarship</i>	Totally funded by the University of Bologna general budget	
8	<i>PhD Scholarship</i>	Totally funded by the University of Bologna general budget	
9	<i>PhD Scholarship</i>	Funded by the University of Bologna general budget and by the Dept. of Biomedical and Neuromotor Sciences	
10	<i>PhD Scholarship</i>	Funded by the University of Bologna general budget and by the Dept. of Biomedical and Neuromotor Sciences	Multimodal Integration of molecular pathology and digital pathology for prognostic and predictive characterization of solid tumors

11	PhD Scholarship	Funded by IRCCS Institute of Neurological Sciences - AUSL di Bologna	Impact of environmental factors on the pathogenesis and prognosis of neurological diseases: epidemiological-clinical study
12	PhD Scholarship	Funded by IRCCS Institute of Neurological Sciences - AUSL di Bologna - UOC Neuro-oncology	Clinical research and experimental studies in the field of brain neoplasms
13	PhD Scholarship	Funded by Lacto Thera s.r.l.	Development of biotechnological platforms based on engineered bacteria for the production and delivery of therapeutic proteins
14	PhD Scholarship	Funded by Nova clinic s.r.l.	Selective approaches in adolescent idiopathic scoliosis: balance between three-dimensional correction and segmental preservation
15	PhD Scholarship	Funded by AISAC ODV Associazione per l'Informazione e lo Studio dell'Acondroplasia	External fixation in pediatric age
16	PhD Scholarship	Funded by the Dept. of Biomedical and Neuromotor Sciences in partnership with Aziende Zaccanti SpA e KLS Martin Se & Co. KG.	Custom tools for bracketless and minimally invasive orthognatic surgery
17	PhD Scholarship	Funded by Fondazione Istituto Ortopedico Rizzoli ETS	Bone tumors of the occipitocervical junction and cervical spine: when rare diseases develop in a complex anatomosurgical region, how can oncological appropriateness be balanced with severe functional sequelae? Prospective analyses of innovative surgical techniques in patients eligible for adjuvant therapy through interdisciplinary collaboration

The yearly gross amount of the scholarships awarded for the PhD Programme in “Biomedical and Neuromotor 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
Qualifications and research proposal evaluation	Applicants' participation is not required	Available from 07/07/2026
Oral examination	Date: starting from 16/07/2026 – 9.00 a.m. CEST Place: In presence, Anatomia Umana, Department of Biomedical and Neuromotor Sciences, Via Irnerio 48, Bologna. Remotely, using Microsoft Teams, on the basis of a justified request. Please note: The oral exam may be taken remotely only by candidates, admitted to the oral examination, who submit a written request stating their reasons, to the email address dibinem.dottbiomediche@unibo.it by 10/07/2026 at the latest	Available from 20/07/2026

The results of the qualifications and 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 (2022-2026), 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 PhD programme's main research topic (among the research topics listed on the PhD programme's website) or the research topic linked to the available PhD positions the applicant is interested to and the proposal is about. <u>Research proposals lacking a clear indication of the chosen research topic on the cover page will not be evaluated;</u> - 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; 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 . Graduated 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.
Reference letter/s	No more than 2 reference letters 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)
Publications	Lists of publications (i.e. monographs, articles on scientific journals) stating the journal's most recent Impact Factor (ISI-JCR), minor publications (conference papers, etc.), abstracts and posters presented during national and international conferences, etc. stating the role played (author, presenter or co-author)
Other documents	- Postgraduate vocational training programmes relevant to the PhD Programme main research topics - Specialisation programme thesis abstract (max 5000 characters) - 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 - Curricular or non-curricular professional internships

	- 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.)
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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	First (Bachelor's) and Second cycle degree (Master's) final mark. Graduands shall be evaluated according to the Weighted Average Mark (WAM)	5 points max distributed as follows: - 110/110 e Lode (with honour): 5 points - 110/110: 4 points - 109/110-102/110: 3 points - 101/110-90/110: 2 points - 89/110-66/110: 1 point For graduands Weighted Average Mark (WAM) - 5 points max distributed as follows: - 30/30 e Lode: 5 points - 30/30: 4 points - 29/30-27/30: 3 points - 26/30-24/30: 2 points - 23/30-18/30: 1 point N.B. The evaluation of the degree grade/weighted average of the exams will be made with reference to the entire path of the studies and will be calculated as the arithmetic mean, mathematically rounded to the whole number, including the votes of MS and any BSc degrees. In case of foreign degrees, we will refer to the ECTS scale, using the most recent tables of conversion. The score for each qualification will be assigned as follows: A: 5 points, B: 4 points, C: 3 points, D: 2 points, E: 1 point.
	Publications	10 points max , distributed as follows: - 1 point for each publication in extenso published in journals with IF on ISI-JCR in the last calendar year (belonging to the categories "Research Papers" and "Review" on PubMed) - 0.5 points for each book chapter of scientific text (not educational or informative) - 0.1 points for each Abstract presented at National or International Congresses
	Thesis abstract (consistency with the main topics of the PhD programme and with the submitted research proposal)	3 points max
	Scholarships, research grants, vocational programmes or advanced training	1 point max
	Professional training, specialty thesis or other qualifications (e.g. study period abroad)	1 point max
	Research proposal evaluation	
	Scientific value and ground-breaking nature of the proposal	10 points max
	Structure of the proposal	10 points max
	Proposal feasibility	10 points max

2. Oral examination

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

English language proficiency	10 points max
Research proposal presentation	20 points max
General knowledge of the PhD programme's main research topics and of the research topics linked to the available PhD positions	20 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. The presentation of the research proposal will last no longer than 10 minutes, and the Admission Board will not be providing candidates with any IT equipment (computers, tablets or other electronic devices).

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".