



PHD PROGRAMME TABLE 40TH CYCLE

Section “Available Positions and Scholarships” integrated on 11/06/2024

PROGRAMME'S NAME	VETERINARY SCIENCES
DURATION	3 years
PROGRAMME START DATE	01/11/2024 (DD/MM/YYYY)
LANGUAGES	Italian, English
COORDINATOR	Prof. Carolina Castagnetti (carolina.castagnetti@unibo.it)
CURRICULA	1. Basic Sciences 2. Animal Production and Food Safety 3. Animal Health 4. Clinical Sciences
PhD POSITIONS	12
ADMISSION PROCEDURE	Qualifications and research proposal evaluation Oral examination

Available Positions and Scholarships

Pos. n.	Financial Support	Description	Curriculum	Positions linked to a specific research topic
1	PhD scholarship	Totally funded by the University of Bologna general budget	3	Image-analysis and artificial intelligence for the characterization of tumors in dogs, cats and horses (Supervisor: Prof. Barbara Bacci)
2	PhD scholarship	Totally funded by the University of Bologna general budget	3	Tick-borne pathogens (TBPs) at the companion animals (dogs, cats and horses) and bats interface: epidemiological, diagnostic and clinical-pathological aspects (Supervisor: Dr. Andrea Balboni)
3	PhD scholarship	Totally funded by the University of Bologna general budget	2	Implementation of the use of neglected and underutilized fish species for the production of innovative food products by dry-Curing (Supervisor: Prof. Andrea Serraino)
4	PhD scholarship	Totally funded by the University of Bologna general budget	2	Comparison between two methods of performing FMT (orally and rectally) in dogs suffering from chronic non-diet-responsive enteropathy, through evaluation of clinical parameters and analysis of the fecal microbiota (Supervisor: Prof. Giacomo Biagi)
5	PhD scholarship	Totally funded by the University of Bologna general budget	4	Assisted reproduction and regenerative medicine: a possible partnership for improving fertility (Supervisor: Prof. Barbara Merlo)

6	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Veterinary Medical Sciences	4	Novel endoscopic and surgical techniques for the management of most common urological disease in the dog and cat: clinical application from a translational approach (Supervisor: Prof. Luciano Pisoni)
7	PhD scholarship	Totally funded by the University of Bologna general budget	4	Environmental Pollution sentinels in the MEDiterranean - DEEP-MED (Supervisor: Prof. Annalisa Zaccaroni)
8	PhD scholarship	Totally funded by the University of Bologna general budget	1	Study of the physiologic and bioenergetic mechanisms of mammalian sperm in vitro capacitation (Supervisor: Prof. Marcella Spinaci)
9	PhD scholarship	Totally funded by the University of Bologna general budget	1	Microscopic and macroscopic evaluation of the digestive and reproductive system in the blue crab <i>Callinectes sapidus</i> (Supervisor: Prof. Maurizio Mazzoni)
10	PhD scholarship	Totally funded by the University of Bologna general budget	1	Biochemical characterization of dairy industry by-products and their valorization in the perspective of circular economy (Supervisor: Prof. Giulia Andreani)
11	PhD scholarship	Funded by the Department of Veterinary Medical Sciences in partnership with Ospedale Veterinario Universitario "Giuseppe Gentile"	4	Clinical and instrumental monitoring of the critically ill equine patient (Supervisor: Prof. Carolina Castagnetti)
12	PhD scholarship	Funded by IRCCS Istituto Ortopedico Rizzoli	3	Development and investigation of preclinical models for understanding the pathophysiological mechanisms that may influence the integration of biomaterials in musculoskeletal tissues (Supervisor: Prof. Giuseppe Sarli)

The number of positions and scholarships may be incremented in case additional funding becomes available, notwithstanding the terms of the application process in the Call. Any amendment, update or integration of the Programme Table will be published on the University website, even after the Call for applications has expired. Any further PhD positions shall be integrated in the PhD Programme Table within ten days before the oral examination.

All PhD positions winners shall fulfill the learning and research obligations decided by the Academic Board and the obligations foreseen in the relevant regulations, funding schemes and eventual agreements, and in the Call for Applications.

Admission Exams

	DATE AND TIME	RESULTS
Qualifications and research proposal evaluation	Applicants' participation is not required	Available from 02/07/2024
Oral examination	Date: starting from 16/07/2024 – 9.00 a.m. CEST Place: In presence, Department of Veterinary Sciences, Via Tolara di Sopra 50, Ozzano dell'Emilia (BO). Remotely, using Microsoft Teams	Available from 22/07/2024

The results of the qualifications and research proposal evaluation shall 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) together with the oral examination detailed schedule. **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 positions linked to specific research topics.

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	
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: <ul style="list-style-type: none"> - it must mention on the cover page the topic-specific position the applicant is interested to and the proposal is about (see above, table “Available Positions and Scholarships”, column “Positions linked to a specific research topic”); - it cannot exceed 6,000 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.
SUPPORTING DOCUMENTS	
Thesis abstract	Abstract of the second cycle degree thesis . 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.
Publications	Lists of indexed publications (DOI number required, if present)

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	Second cycle (Master’s) degree final mark. Graduands shall be evaluated according to the Weighted Average Mark (WAM)	10 points max
	Indexed publications	5 points max
Research proposal evaluation	Scientific value and ground-breaking nature of the proposal	15 points max
	Structure of the proposal	10 points max
	Proposal feasibility	10 points max

Please, note that the Admission Board will evaluate the research proposal, only if consistent with the specific research topic linked to the PhD position chosen by the applicant.

2. Oral examination

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

English language proficiency	5 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	25 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.

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".