PhD Programme Table - 39th cycle
Call for Applications for the admission to the PhD programmes (39th cycle) A.Y. 2023/2024
for scholarships funded by Next Generation EU – NRRP ex M.D. 117/2023
and M.D. 118/2023 and from other sources

PROGRAMME'S NAME	**VETERINARY SCIENCES**		
DURATION	3 years		
PROGRAMME START DATE	01/11/2023 (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	11		
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	1	Modulation of cell energy metabolism: preclinical studies in Veterinary Medicine (Supervisor: Prof. Salvatore Nesci)
2	*PhD Scholarship*	Totally funded by the University of Bologna general budget	1	Epigenetic modulation study of the endocrine, digestive and metabolic functions and of the intestinal microbiota of teleost larvae obtained from artificial reproduction (Supervisor: Prof. Albamaria Parmeggiani)
3	*PhD Scholarship*	Totally funded by the University of Bologna general budget	4	Clinical imaging and biomolecular diagnosis and monitoring of cardiovascular dysfunction to optimize the therapeutic management of critically ill horses with special regard to sepsis (Supervisor: Dott. Francesca Freccero)
4	*PhD Scholarship*	Totally funded by the University of Bologna general budget	4	Podalic problems incidence in dairy cow intensive farming (Supervisor: Prof. Alessandro Spadari)
5	*PhD Scholarship*	Totally funded by the University of Bologna general budget	2	The evolution of rumen-intestinal microbiota of dairy cows: factors impacting animal welfare and production quality (Supervisor: Prof. Alberto Palmonari)
6	*PhD Scholarship*	Funded by the University of Bologna general budget	3	Aspergillosis in animals: diagnostic approaches and epidemiological implications in a One Health perspective (Supervisor: Prof. Roberta Galuppi)
7	*PhD Scholarship*	Funded by the Department of Veterinary Medical Sciences and with	3	Rapid bacteriological diagnostic in veterinary settings: integrated approach within MALDI-

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1

		funds made available by the project MUR - Dipartimenti di Eccellenza - DIMEVET 2018-2022 (ex lege n. 232 - 11/12/2016, art. 1, par. 314-337)		TOF technology and genomics (Supervisor: Prof. Silvia Piva)
8	*PhD Scholarship PNRR ex M.D. 118/2023 - Public Administration*	Funded by the EU - NextGenerationEU with funds made available by the National Recovery and Resilience Plan (NRRP) Mission 4, Component 1, Investment 4.1 (M.D. 118/2023) - Public Administration	2	Contribution to the development of guidelines and regulations related to food safety concerning unwanted chemical substances in products derived from insects (Supervisor: Prof. Giampiero Pagliuca)
9	*PhD Scholarship PNRR ex M.D. 118/2023 - PNRR Research*	Funded by the EU - NextGenerationEU with funds made available by the National Recovery and Resilience Plan (NRRP) Mission 4, Component 1, Investment 4.1 (M.D. 118/2023) – PNRR Research	1	Nutritional and reproductive strategies to cope with heat stress in dairy cows (Supervisor: Prof. Diego Bucci)
10	*PhD Scholarship PNRR ex M.D. 118/2023 - PNRR Research*	Funded by the EU - NextGenerationEU with funds made available by the National Recovery and Resilience Plan (NRRP) Mission 4, Component 1, Investment 4.1 (M.D. 118/2023) – PNRR Research	2	Aquaculture innovation towards a biodiversity friendly farm (Supervisor: Prof. Alessio Bonaldo)
11	*PhD Scholarship PNRR ex M.D. 118/2023 - PNRR Research*	Funded by the EU - NextGenerationEU with funds made available by the National Recovery and Resilience Plan (NRRP) Mission 4, Component 1, Investment 4.1 (M.D. 118/2023) – PNRR Research	4	Pulmonary arteries obstruction/hypoplasia and pulmonary arterial hypertension in the pediatric age: the dog as a model of therapy using adult and fetal adnexa mesenchymal stromal cells, their extracellular vesicles and secretome (Supervisor: Prof. Eleonora Iacono)

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. Moreover, applicants awarded with PhD scholarships funded by Next Generation EU shall fulfill specific obligations foreseen in the relevant funding scheme, in the relevant regulations and in the Call for Applications.

Admission Exams

	DATE AND TIME	RESULTS
Qualifications and research proposal evaluation	Applicants' participation is not required	Available from **30/06/2023****
Oral examination	**Date**: starting from **06/07/2023 – 9.00 a.m. CEST***	Available from **18/07/2023****

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2

Place: In presence, Department of Veterinary Sciences, Via Tolara di Sopra 50, Ozzano dell'Emilia (BO). Remotely, using Microsoft Teams	

* In case that the oral examination cannot be completed in one day due to the large number of applicants, the oral examination detailed schedule shall be made available on the webpage Studenti Online together with the results of the qualifications and research proposal evaluation. **During the oral examination, applicants may express their interest in one or more positions linked to specific research topics.**

** The **results of the admission exams** will 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). **No personal written communication will be sent to applicants concerning the examinations results**.

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: - 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".

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4