



**THE DEAN**  
**OF THE FACULTY OF VETERINARY HYGIENE AND ECOLOGY**  
**OF THE UNIVERSITY OF VETERINARY SCIENCES BRNO**

announces an entrance procedure for the study

**in the Doctoral Degree Programmes (Ph.D.)**

with the study beginning on 1<sup>st</sup> October 2025.

**VETERINARY ECOLOGY AND WILDLIFE DISEASES**

*Thematic areas:*

1. Differences in spatio-temporal dynamics of natural foci of tick-borne disease agents
2. Plasmids in the spread of antibiotic resistance and their interaction with the bacterial host
3. Pathogen pressure in hibernating bats: carry-over effects for the active season
4. Viral diseases in wild and captive amphibians

**ANIMAL HUSBANDRY, ANIMAL NUTRITION AND BIOCHEMISTRY**

*Thematic areas:*

1. Effect of diets supplemented with natural anticoccidial agents on performance, health and meat quality of broilers

**ANIMAL PROTECTION WELFARE AND BEHAVIOUR**

*Thematic areas:*

1. Welfare of shelter dogs / cats in a selected country
2. Intake and outcomes for animals admitted to the wildlife rehabilitation centres in a selected country

**FOOD HYGIENE AND TECHNOLOGY**

*Thematic area:*

1. Used plant oil as a valuable raw material
2. Innovation of 3D printing in the context of plant products
3. Sustainable 3D printing: Development of 3D filaments and resins from plant-based by-products for biodegradable and functional applications
4. Development of edible and biodegradable packaging enhanced with organic nanoparticles: Functional properties, stability and application in vegetable preservation

Condition for admission to the studies is proper completion of studies in a master's study programme (in case of foreigners a completion of equivalent study). More information on the admission procedure and admission conditions, approved on December 5, 2024 by the Academic Senate of FVHE, are posted on the official board of the faculty and available on the website of FVHE UVS Brno.



**UNIVERSITY OF VETERINARY SCIENCES BRNO**  
**FACULTY OF VETERINARY HYGIENE A ECOLOGY**

The application is submitted in electronic form via the IS STAG UVS Brno portal and must be supplemented by a verified certificate of successful completion of the master's study programme, curriculum vitae with the data about the master's study programme, professional or scientific and research activities, a list of publication and lecturing activities and other appendices characterizing the proficiency of the candidate (equivalent documents in case of foreigners)

**The deadlines for submission of the application are:**

**30<sup>th</sup> June 2025 (for the first round)**  
**31<sup>st</sup> August 2025 (for the second round)**

Candidates will be invited to the entrance examinations in writing on the basis of submitting an application and meeting the conditions for admission.

Part of the entrance admission procedure is an examination, which generally has a form of an oral interview with the applicant in front of the admission board with the focus on the issues of the study field.

Information on study programs, content and form of entrance exams will be provided by the DSP study office (Ms. Šírová – phone: +420 541 562 671, e-mail: [sirovah@vfu.cz](mailto:sirovah@vfu.cz)) DPP study office (PhD study program) – Ms. Šírová, building No. 24 (SIC), Dean's Office of the Faculty of Veterinary Hygiene and Ecology, UVS Brno.

In Brno on April 1, 2025

Assoc. Prof. MVDr. Šárka Bursová, PhD  
Dean of FVHE UVS Brno