THE UNIVERSITY OF VETERINARY MEDICINE AND PHARMACY IN KOŠICE
Komenského 73, 041 81 Košice, Slovak Republic

# The admission procedure at the University of Veterinary Medicine and Pharmacy in Košice for study in the third level of higher education in daily and Part-time form in the academic year 2024/2025

The admission procedure at the University of Veterinary Medicine and Pharmacy in Košice for study in the third level of higher education in daily and Part-time form in the academic year 2024/2025 will be held on

**July 1st, 2024, at 8.00 am (CET)**

at the **PhD Study Section** for the following study branches and programmes:

| **Study branch:** | **Study programme:** |
|---|---|
| Veterinary medicine | *Food Hygiene* |
| | *Veterinary Morphology A Physiology* |
| | *Internal Diseases of Animals* |
| | *Veterinary surgery, orthopaedics and radiology* |
| | *Veterinary Obstetrics and Gynaecology* |
| | *Infectious Diseases of Animals* |
| | *Parasitic Diseases of Animals* |
| | *Nutrition of Animals and Dietetics* |
| | *Animal Hygiene and Environment* |
| Biology | *Microbiology* |
| | *Immunology* |

The admission procedure is organized for applicants for postgraduate study (hereinafter *"PhD study"*) at the University of Veterinary Medicine and Pharmacy in Košice (hereinafter "*the UVMP in Košice"*), as well as for external educational institutions with which the UVMP in Košice has signed a contract for the provision of the study programme in the third level of higher education, i.e. for applicants to PhD study at the Institute of Animal Physiology Centre of Biosciences of Slovak Academy of Sciences, v.v.i. in Košice, Institute of Parasitology of Slovak Academy of Sciences, v.v.i. in Košice and Institute of Neuroimmunology of Slovak Academy of Sciences, v.v.i. in Bratislava.

The list of PhD theses suggested by the UVMP in Košice and by external educational institutions is also the part of the proposal (see below).

**Duration of the PhD study:**
a) 4 years in full-time form
b) 5 years in part-time form
**Deadline for application form: May 31st, 2024**

**Academic year starts *on September 1st, 2024.***

**Conditions for applicant:**

- Completion of the Second Level of Higher Education studies in relevant field in accordance to PhD study (Master/Doctoral degree in Veterinary or Animal Sciences, Natural Sciences or related sciences).
- English - language skills in written and spoken at proficient level;
- Acceptance is based on successfully passing the entrance exams;

**Admission of the applicant is not possible without entrance examination!**

**Admission Fee:**

Fee for Entrance Examination is **40 €**

**Annual Tuition Fee:**

**5.000 €*** for full-time and part-time form of study, study in Slovak language is free of charge.

**This is the maximum amount that can be reduced to a proposal of the Vice-Rector for Science, Research and PhD Study.*

**Payment reimbursement:**

**University Bank account details:**

| | |
|---|---|
| Account holder: | **Univerzita veterinárskeho lekárstva a farmácie v Košiciach Komenského 73, 041 81 Košice** |
| Bank details: | **Štátna pokladnica, Radlinského 32, 810 05 Bratislava 15, Slovakia** |
| **Account number :** | **7000072225/8180** |
| **IBAN :** | **SK42 8180 0000 0070 0007 2225** |
| **S.W.I.F.T. :** | **SPSRSKBA** |
| **K.S. :** | **0967** |
| **V.S. :** | **72225 + "applicant´s full name" as Reference for Recipient** |

(V.S. and Reference are used to identify the owner of payment. Please make sure you include them when making payment).

**Application form to Postgraduate study:**

**Application form**: http://www.uvlf.sk/en/informations-for-phd-applicants/admission-procedure

***List of documents supporting the application:***

- Curriculum Vitae (signed)
- Proof of payment of the admission fee - certified copy of bank statement
- Applicant's educational attainment documents - certified photocopies of:
  - university diploma and diploma supplement
  - state examination certificate
- Official transcript of study records *(with confirmation of data accuracy by the study office of the university from which the applicant graduated including date of issue, signature and stamp)* or its certified copy
- List of published professional and scientific papers
- Framework project of PhD thesis
- Professional practice certificate/references

The university reserves the right to examine all educational certificates and personal identity documents, should it wish to do so at any time.

**Completed and signed application form with enclosures should be sent *by post* to the address:**

**PhD Study Section**
The University of Veterinary Medicine and Pharmacy in Košice
Komenského 73
041 81 Košice
Slovak Republic

or **submitted personally** *at the Post Room* of the UVMP in Košice. Further information is also available at the website: www.uvlf.sk/en or by e-mail: doktorandi@uvlf.sk

## List of PhD theses for full-time and part-time form of PhD study in academic year 2024/2025

| Study programme | Study branch | Tutor | Topic |
|---|---|---|---|
| *Food hygiene* | Veterinary medicine | Assoc. Prof. Monika Pipová, DVM, CSc. | Emergence and characterization of multidrug-resistant Salmonella enterica serovars isolated from pigs in Malta ***Part-time form*** |
| *Food hygiene* | Veterinary medicine | Assoc. Prof. Ivona Kožárová, DVM, PhD. | An innovative approach to the prevention of coccidiosis in the context of one health ***Full-time form*** |
| *Food hygiene* | Veterinary medicine | Assoc. Prof. Eva Dudriková, DVM, PhD. | Quality and safety of fruits and vegetables in one health perspective ***Full-time form*** |
| *Veterinary Morphology and Physiology* | Veterinary medicine | Assoc. Prof. Katarína Vdoviaková, DVM, PhD. | Combination of biomaterials and cellular compound in the wound therapy ***Part-time form*** |
| *Veterinary Morphology and Physiology* | Veterinary medicine | Assoc. Prof. Viera Karaffová, DVM, PhD. | Modulation of the intestinal microbiota by probiotic bacteria with a focus on the stimulation of stem myogenic cells in poultry ***Full-time form*** |
| *Veterinary Morphology and Physiology* | Veterinary medicine | Assoc. Prof. Radoslava Vlčková, DVM, PhD. | The use of immunomethods in the evaluation of the female reproductive organs functions ***Full-time form*** |
| *Veterinary Morphology and Physiology* | Veterinary medicine | Assoc. Prof. Drahomíra Sopková, DVM, PhD | Monitoring Morphological Changes in Biomodels Following the Application of Individual Fractions of Snake Venoms ***Full-time form*** |

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| *Veterinary Morphology and Physiology* | Veterinary medicine | Assoc. Prof. Lenka Krešáková, DVM, PhD. | Chiotsan-based biomaterials in burns therapy<br>***Part-time form*** |
| *Veterinary Morphology and Physiology* | Veterinary medicine | Assoc. Prof. Lenka Krešáková, DVM, PhD. | The use of biomaterials in arthrodesis of joints<br>***Part-time form*** |
| *Veterinary Morphology and Physiology* | Veterinary medicine | Assoc. Prof. Viera Almášiová, DVM, PhD. | The influence of WiFi radiation on the chicken embryo from the morphological aspect<br>***Full-time form*** |
| *Internal Diseases of Animals* | Veterinary medicine | Eva Styková, DVM, PhD. | Bioactive compounds and their effect on biofilm formation in clinically relevant pathogens<br>***Full-time form*** |
| *Internal Diseases of Animals* | Veterinary medicine | Assoc. Prof. Ján Bílek, DVM, PhD. | Detecting early kidney damage in horses<br>***Part-time form*** |
| *Internal Diseases of Animals* | Veterinary medicine | Assoc. Prof. Jaroslav Novotný, DVM, PhD. | Study of gastric ulcerative changes in pigs<br>***Part-time form*** |
| *Internal Diseases of Animals* | Veterinary medicine | Prof. Pavol Mudroň, DVM, Dr., PhD., DipECBHM | Calf health and subsequent production<br>***Full-time form*** |
| *Internal Diseases of Animals* | Veterinary medicine | Assoc. Prof. Oskar Nagy, DVM, PhD., DipECBHM | Antibacterial effect of biodegradable composites and their effect on the wound healing process<br>***Full-time form*** |
| *Internal Diseases of Animals* | Veterinary medicine | Assoc. Prof. Mária Fialkovičová, DVM, PhD. | New aspects of occurrence, diagnosis and therapy of diabetes mellitus<br>***Full-time form*** |
| *Veterinary surgery, orthopaedics and radiology* | Veterinary medicine | Assoc. Prof. Slavomír Horňák, DVM, PhD. | Selected procedures of tissue engineering and regenerative medicine in the therapy of orthopedic joint and bone diseases in dogs and cats<br>***Full-time form*** |
| *Veterinary surgery, orthopaedics and radiology* | Veterinary medicine | Assoc. Prof. Slavomír Horňák, DVM, PhD. | Study of 2D and 3D model systems for the treatment of osteochondral defects<br>***Full-time form*** |
| *Infectious Diseases of Animals* | Veterinary medicine | Prof. Jana Mojžišová, DVM, PhD., Dr. h. c. | A study of selected zoonotic agents within the interactions between wild animals and humans<br>***Full-time form*** |
| *Infectious Diseases of Animals* | Veterinary medicine | Prof. Anna Ondrejková, DVM, PhD. | Tick-borne encephalitis in the context of One Health<br>***Full-time form*** |
| *Infectious Diseases of Animals* | Veterinary medicine | Prof. Anna Ondrejková, DVM, PhD. | Risk assessment of the exotic diseases of animals<br>***Part-time form*** |

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| *Infectious Diseases of Animals* | Veterinary medicine | Assoc. Prof. Ľuboš Korytár, DVM, PhD. | Vector-borne pathogens in populations of small animals ***Full-time form*** |
| *Infectious Diseases of Animals* | Veterinary medicine | Assoc. Prof. Marián Prokeš, DVM, PhD. | Epizootiological analysis of the occurence of Anaplasma spp. in ticks and wild animals ***Full-time form*** |
| *Nutrition of Animals and Dietetics* | Veterinary medicine | Assoc. Prof. František Zigo, DVM, PhD. | Alternative methods of dogs feeding with regard to their nutritional requirements, the process of production and processing of raw products ***Full-time form*** |
| *Nutrition of Animals and Dietetics* | Veterinary medicine | Assoc. Prof. Iveta Maskaľová, DVM, PhD. | Evaluation of phase nutrition by analysis of the production response of dairy cows ***Part-time form*** |
| *Animal Hygiene and Environment* | Veterinary medicine | Assoc. Prof. Gabriela Gregová, DVM, PhD. | The occurrence and spread of antibiotic-resistant bacteria in relation to the environment ***Full-time form*** |
| *Microbiology* | Biology | Assoc. Prof. Tomáš Csank, DVM, PhD. | Neglected mosquito-borne arboviruses in Slovakia ***Full-time form*** |
| *Microbiology* | Biology | Assoc. Prof. Tomáš Csank, DVM, PhD. | The effect of tick-borne arboviruses on the immune response of antigen presenting cells in ruminants ***Full-time form*** |
| *Microbiology* | Biology | Marián Maďar, DVM, PhD. | Study of the potential transmission of periodontal pathogens from companion animals to humans and their management by natural agents ***Full-time form*** |
| *Immunology* | Biology | Prof. Mangesh Bhide, MVSc., PhD. | Interaction of neuroinvasive viruses with cells of neurovascular unit ***Full-time form*** |

# External educational institutions

## Centre of Biosciences Slovak Academy of Sciences, v. v. i., Institute of Animal Physiology in Košice

| Study programme | Study branch | Tutor | Topic |
|---|---|---|---|
| *Microbiology* | Biology | Viola Strompfová, DVM, D.Sc. | Characterization of bacterial microbiota of the skin in horses ***Full-time form*** |
| *Microbiology* | Biology | Dobroslava Bujňáková, RNDr., PhD. | Progressive eco-friendly and sustainable approaches to eradication of bacterial biofilms ***Full-time form*** |
| *Veterinary Morphology and Physiology* | Veterinary medicine | Zora Váradyová, DVM, PhD. | Use of non-traditional feed additives in organic sheep farming ***Full-time form*** |

## Institute of Parasitology, Slovak Academy of Sciences, v. v. i. in Košice

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|---|---|---|---|
| *Parasitic Diseases of Animals* | Veterinary medicine | Daniela Antolová, DVM, D.Sc. | Epidemiology, biology and genetic variability of zoonotic parasites Toxoplasma gondii and Toxocara spp. in urban and rural ecosystems of Slovakia ***Full-time form*** |
| *Parasitic Diseases of Animals* | Veterinary medicine | Bronislava Víchová, RNDr., PhD. | The role of the blood-sucking arthropods of the orders Ixodida and Diptera in the circulation of vector-borne microorganisms ***Full-time form*** |

## Institute of Neuroimmunology, Slovak Academy of Sciences, v.v.i. in Bratislava

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|---|---|---|---|
| *Immunology* | Biology | Monika Žilková, RNDr., PhD. | The effect of glial cells on tau spreading in neuro-glia cell-based model for Alzheimer's disease ***Full-time form*** |
| *Immunology* | Biology | Rostislav Škrabana, RNDr., PhD. | Structure analysis of the innate immune response mediated by lactoferrin ***Full-time form*** |
| *Immunology* | Biology | Andrej Kováč, PharmDr., PhD. | Study of the impact of heatstroke on the function of CNS cells ***Full-time form*** |
| *Immunology* | Biology | Jozef Hanes, Ing., PhD. | A novel receptor-mediated delivery system for drug transport to the brain ***Full-time form*** |

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| *Immunology* | Biology | Jozef Hanes, Ing., PhD. | Identification of novel interaction partners of physiological and pathological tau protein that may serve to develop therapeutic approaches for the treatment of Alzheimer's disease<br>***Full-time form*** |
| *Immunology* | Biology | Ondrej Cehlár, Ing., PhD. | Molecular basis of the interaction of tau proteins with heparan sulphate proteoglycans<br>***Full-time form*** |
| *Immunology* | Biology | Ondrej Cehlár, Ing., PhD. | Integrative application of structural biology methods for the study of physiological and pathological tau protein conformations<br>***Full-time form*** |