Description of the study programme Veterinary surgery, orthopaedics and radiology in the third level in full-time form of study in English language

The name of the university:
University of Veterinary Medicine and Pharmacy in Košice
The seat of the college:
Komenského 73, 041 81 Košice
College identification number:
00397474

The college's authority to approve of the study programme:
Accreditation Committee of UVMP in Košice

Date of approval or modification of the study programme:
26. 8. 2022
Date of the last change to the study programme description:
25. 8. 2022

Decision No. Decision No. 2022/42:663-OAC of 28 April 2022. Grants the right without time limitation

ID of the proceeding: 16727
The name of the university: University of Veterinary Medicine in Košice
The name of the study programme: Veterinary Surgery, Orthopaedics and radilogy
The level of the study: Level 3
Code of the study programme: 103997

1. Basic data about the study programme

a) The name of the study programme and the number according to the register of study programmes:
Veterinary surgery, orthopaedics and radiology *code* 103997, *Decision number* 2022/42:663-OAC

b) Level of higher education and ISCED-F code of the level of education:
Level 3/864

c) Venue of study programme:
The University of Veterinary Medicine in Košice, Komenského 73, 041 81 Košice

d) The field of study in which a higher education is obtained by completing the study programme, or a combination of two study fields in which a higher education is obtained by completing the study programme, ISCED-F code of the field:
Veterinary Medicine/0841

e) Type of study programme:
Academically oriented

f) Academic title awarded.
Philosophiae doctor (abbreviation PhD.)

g) Form of study:
Full-time

h) The language in which the study programme is conducted:
English language

i) Standard length of study expressed in academic years:
4 academic years

j) Capacity of the study programme: planned number of students - according to the topics of dissertations, actual number of applicants in the last 6 years (from the academic year 2016/2017 to the academic year 2021/2022): 0 topics; number of applicants enrolled: 0; number of applicants admitted: 0; number of applicants enrolled: 0; number of PhD studies graduates in the last 6 years: 0

k) Information about the study programme:
https://qa.uvlf.sk/en/sprg_info/?sprg_id=44&ar=20222023

2. Graduate profile and learning objectives

a) The learning objectives

The learning objectives achieved in the study programme *in Veterinary Surgery, Orthopaedics and Radiology* are methodologically based on the European Qualifications Framework for Lifelong Learning (EQF). This defines the requirements for learning outcomes for knowledge, skills and competences. For level 8, the learning outcomes required are broad knowledge in the field of work or field of study, including a critical understanding of theories and principles, professional and methodological knowledge in several areas of the field or practice, as these serve as a basis for innovation and originality in practice and research and development. The core knowledge is provided on core courses described further herein. Additional knowledge is achieved by completing the compulsory optional courses of the study programme. Education in level 3 of higher education focuses on the study of veterinary surgery and anaesthesiology, veterinary orthopaedics and diagnostic imaging, veterinary neurology and neurosurgery, regenerative medicine and pathological anatomy.

In this study programme, the graduate acquires the most up-to-date knowledge of the scientific methods of research not only by studying, but also by independent creative scientific activity, which is carried out under the guidance and guarantee of his supervisor. The graduate is able to formulate a scientific problem, he/she knows the ethical aspect of solving scientific parts of research both in the experimental and clinical part. He/she is able to actively establish interdisciplinary cooperation with individual specialists and work teams involved in the preparation and implementation of a scientific project at the national and international level. The graduate is able to apply the results of global research to his/her scientific work and apply them in the development of the scientific field. Together with his/her supervisor, he/she contributes to the development of the study programme.

b) Graduates of the study programme

In terms of clinical expertise, a graduate of the 3rd level study programme *Veterinary surgery, orthopaedics and radiology* acquires clinical knowledge in veterinary surgery, orthopaedics, radiology and its associated clinical and basic disciplines. He/she is able to develop competence in a variety of modern examination methods, acquiring all the knowledge necessary for the diagnosis and therapy of the most common acute and chronic diseases. The graduate has skills to identify and solve clinical problems, actively develop strategies to promote the well-being of patients and can establish a preventive clinical plan. The graduate has communication skills sufficient to enhance clinical interaction between client and veterinarian and teach students.

c) Relevant external interested parties who have provided a statement or a favourable opinion on the compliance of the acquired qualification with the sector-specific requirements of the profession: Chamber of Veterinary Surgeons of the Slovak Republic - https://qa.uvlf.sk/vsk/docs/vzs_vchor_kvlsr.pdf

3. Job prospects

a) Graduates of the study programme *Veterinary surgery, orthopaedics and radiology* can work as university teachers, scientific researchers, clinical specialists and experts in the field of consulting for the Chamber of Veterinary Surgeons (veterinary clinics and hospitals).

b) In the study programme *Veterinary Surgery, Orthopaedics and Radiology* there have been no graduates so far in the full-time study programme offered in English.

c) Evaluation of the quality of the study programme by employers (feedback): the UVMP has prepared questionnaires on graduates for employers.

4. Structure and content of the study programme

a) The rules for the formation of study plans in the study programme Veterinary Surgery, Orthopeidics and Radilogy are based on the general provisions contained in Article 8 of the internal regulationStudy Guidelines of the UVMP, Part B.

b) The recommended framework study plan for full-time:
https://qa.uvlf.sk/en/ais/sp/?ar=2022-2023&sprg_id=44

The dissertation examination may be taken by a student who has achieved 50 credits for five CSs and at least 10 credits for two selected OCSs during the study period, no later than 24 months from the start of the PhD studies. A minimum of 240 credits is required for graduation.

c) The study plan includes:
- listed individual parts of the study programme (compulsory courses and compulsory optional courses),
- profile subjects are marked in bold and with an asterisk in the study plan,
- for each educational part (course), the learning outcomes and the related criteria and rules for their assessment are defined in the information sheet of course so that all the educational objectives of the study programme are met,
- for each educational part of the study plan (course), the course information sheet sets out the learning activities used that are suitable for achieving the learning outcomes,
- the course information sheet lists the methods by which the learning activity is carried out,
- the course information sheet lists the course syllabus,
- the course information sheet lists the student's workload,
- the credits allocated to each section based on the learning outcomes achieved and the associated workload,
- the course guarantor is identified and the course information sheets, if applicable, also identify other persons providing the courses,
- the place of providing of the course (if the programme of study is delivered at more than one site).

The course information sheets for the Veterinary Surgery, Orthopaedics an radiology are available via links directly in the study plan:
https://qa.uvlf.sk/en/ais/sp/?ar=2022-2023&sprg_id=44

d) The number of credits which must be earned to complete the study and other conditions that the student must fulfill to graduate, including the conditions of state exams, rules for retaking courses and rules for extension, interruption of studies:
The condition for the proper completion of studies is obtaining 240 credits, which include credits for passing the dissertation examination and defending the dissertation. Other conditions that the student must fulfill to complete the studies, including the conditions of state exams, rules for retaking courses and rules for extension, interruption of studies are listed in Articles 2, 15, 18, 19 and 29 of the Study Guidelines of the UVMP, Part B.

e) Conditions for passing individual parts of the study programme and the student's progress in the study programme :
- number of credits per core courses required for proper completion of the studies/completion of part of the study : 50
- number of credits for compulsory courses required for proper completion of the studies/completion of part of the study : 10,
- number of credits for the dissertation examination: 20
- number of credits for the defence of the dissertation thesis required for proper completion of studies: 30

f) Rules regarding student evaluation and the possibility of repeating exams:
UVMP in Košice has described the rules regarding student evaluation and the possibility of repeating exams in Articles 17, 18 and 25 of the Study Guidelines of the UVMP, Part B.

g) Conditions for the recognition of studies or part of studies:
UVMP in Košice addresses the conditions for recognition of studies or parts of studies in Articles 19, 38 and 42 of the Study Guidelines of the UVMP, Part B.

h) Topics of the PhD theses of the study programme:
UVMP in Košice annually publishes a list of topics of the dissertation theses in study programme Veterinary Surgery, Orthopaedics and Radiology on the UVMP in Košice website.
No PhD student has been enrolled so far, and no topic has been announced in this study programme, form of study and language.

i) UVMP in Košice has laid down:
- the rules for assigning, processing, opposing, defending and evaluating dissertation theses in Articles 1, 8, 9, 10, 25, 26, 27 and 28 of the Study Guidelines of the UVMP, Part B,
- possibilities and procedures for participation in student mobility in Article 42 of the internal regulation Study Guidelines of the UVMP, Part B,
- Code of Academic Ethics in the internal regulation Disciplinary_Procedure_for_Students, in the internal regulation UVMP Employee Code of ethics for employees of the UVMP and in the internal regulation Student code of ethics at the UVMP,
- procedures applicable to students with special needs in Part II, Article 2, point 7; Article 3, point 12 of the Study Guidelines of the UVMP, Part B,

- the procedures for filing complaints and appeals by the student are specified, in addition to the Study Regulations of UVMP in Košice, in particular in the internal regulation Directive on the handling of complaints at the UVMP.

5. Information sheets of study programme courses

The information sheets of individual courses of the study programme have the structure established by the Decree of the Ministry of Education of the Slovak Republic No. 614/2002 Coll., as amended.

6. Current academic year schedule and current timetable

The current schedule of the academic year and the current class schedule are listed in the bulletin "Information about studying at UVMP in Košice" for the given academic year and are also available on the UVMP's website: Study Guide Book at the UVMP for academic year 2022/2023. PhD students study according to an individual study plan drawn up by the supervisor and the PhD student and approved by the person with the main responsibility for the implementation, development and quality assurance of the study programme.

7. Staff

a) The person responsible for the implementation, development and quality of the study programme is Prof. Alexandra Trbolová, DVM PhD., who is a tenured professor; working at the Small Animal Clinic of the University Veterinary Hospital; e-mail alexandra.trbolova@uvlf.sk; mobile +421915984659.

b) List of persons providing profile courses of the study programme:
Prof. Alexandra Trbolová, DVM PhD.; Department of Small Animals,
Prof. Zuzana Ševčíková, DVM PhD.; Department of Morphological Disciplines,
Prof. Daša Čížková, DVM DSc.; Centre for Experimental and Clinical Regenerative Medicine,
Assoc. Prof. Slavomír Horňák, DVM PhD., Department of Small Animals,
Assoc. Prof. Mária Kuricová, DVM PhD., Department of Small Animals

c) Scientific/artistic/pedagogical characteristics of persons providing profile subjects of the study programme are available on the quality portal of UVMP in Košice and direct links are given in Annex 1 of the internal evaluation report.

d) List of teachers of the study programme with assignment to the course and link to the central register of university staff, with contact details:

Teacher	*Course*	*e-mail*	*mobile*	*CRZ*
		Profile courses		
Prof. Alexandra Trbolová, DVM PhD.	**Veterinary Surgery and Anaesthesiology**	**alexandra.trbolova@uvlf.sk**	**+421915984659**	**https://www.portalvs.sk/regzam/detail/6048**
Prof. Zuzana Ševčíková, DVM PhD.	**Pathological anatomy**	**zuzana.sevcikova@uvlf.sk**	**+421915984707**	**https://www.portalvs.sk/regzam/detail/6009**
Prof. Daša Čížková, DVM DSc.	**Regenerative medicine**	**dasa.cizkova@uvlf.sk**	**+421905201712**	**https://www.portalvs.sk/regzam/detail/6154**
Assoc. Prof. Slavomír Horňák, DVM PhD.	**Veterinary orthopaedics and diagnostic imaging**	**slavomir.hornak@uvlf.sk**	**+421915984665**	**https://www.portalvs.sk/regzam/detail/6063**

Assoc. Prof. Mária Kuricová, DVM PhD.	**Veterinary neurology and neurosurgery**	**maria.kuricova@uvlf.sk**	**+421915742532**	**https://www.portalvs.sk/regzam/detail/23882**
Compulsory optional courses				
Prof. Alexandra Trbolová, DVM PhD.	Veterinary ophthalmology	alexandra.trbolova@uvlf.sk	+421915984659	https://www.portalvs.sk/regzam/detail/6048
Prof. Zita Faixová, DVM PhD.	Veterinary pathological physiology	zita.faixova@uvlf.sk	+421915984704	https://www.portalvs.sk/regzam/detail/6015
Prof. Igor Valocký, DVM PhD.	Equine internal diseases	igor.valocky@uvlf.sk	+421915984677	https://www.portalvs.sk/regzam/detail/6025
Assoc. Prof. Zuzana Kostecká, DVM PhD.	Veterinary Biochemistry	zuzana.kostecka@uvlf.sk	+421915984621	https://www.portalvs.sk/regzam/detail/6058
Prof. Eva Petrovová, DVM PhD.	Anatomy of animals	eva.petrovova@uvlf.sk	+421917637799	https://www.portalvs.sk/regzam/detail/6066
Assoc. Prof. Oskar Nagy, DVM PhD. Dip. ECBHM	Internal diseases of livestock	oskar.nagy@uvlf.sk	+421915986695	https://www.portalvs.sk/regzam/detail/6036
Assoc. Prof. Igor Capík, DVM PhD.	Veterinary dentistry	igor.capik@uvlf.sk	+421915984661	https://www.portalvs.sk/regzam/detail/6035
Assoc. Prof. Mária Fialkovičová, DVM PhD.	Internal diseases of pets	maria.fialkovicova@uvlf.sk	+421915986681	https://www.portalvs.sk/regzam/detail/6018

e) List of thesis supervisors with assignment to topics (with contacts):
In the study programme *Veterinary Surgery, Orthopaedics and Radiology* offered in English in the full-time form of study, no topic has been announced so far.

f) Supervisors of PhD students are university teachers in the position of professor and associate professor in the relevant field of study, scientists with scientific qualification degree I and IIa and other distinguished experts from the Slovak Academy of Sciences. The supervisors are approved by Scientific Board of UVMP.
Scientific and pedagogical characteristics of thesis supervisors are available on the quality portal of UVMP in Košice through the study plan or directly at https://qa.uvlf.sk/vupch-viewer/?regzam=X where X is the employee number on the HE Portal (e.g.. https://www.portalvs.sk/regzam/detail/6048 - Employee record on the University portal, https://qa.uvlf.sk/vupch-viewer/?regzam=6048 - VUPCH employee on the quality portal of UVMP in Košice).

g) Student representatives who represent the interests of students in the study programme (name and contact details): Student representatives who represent the interests of PhD students (name and contact details):
The member of the study programme committee were the students of veterinary medicine Marek Ratvay, DVM e-mail: marek.ratvay@student.uvlf.sk; Teodora Blatníková, DVM e-mail: teodora.blatnikova@student.uvlf.sk; Pavel Gomulec, DVM e-mail: pavel.gomulec@student.uvlf.sk

h) Study programme advisor: vice-rector for research and PhD studies at UVMP in Košice

i) Other study programme support staff - assigned study officer: Mgr. Júlia Jančura, e-mail julia.jancura@uvlf.sk; career counsellor: the function of the career counsellor is performed by the PhD student's supervisor.

8. Premises, tools and technical equipment

a) List and characteristics of the study programme classrooms and their technical equipment with assignment to learning outcomes and course matter:

Course	Characteristics of material and technical equipment	Pavilion number and room designation
Pathological anatomy	Complex equipment for animal autopsies; histological preparations of pathological conditions in animals; laboratories for immunohistochemical examinations	P-34 autopsy room; P-17 histology training room; laboratories
Regenerative medicine	Material and equipment for isolation, fixation and processing of histological samples, cryotome, microtome, histological staining kits, immunohistochemical staining kits, light microscopes, fluorescence microscope with apotome, electron microscope. Material and equipment for isolation and characterisation of cell populations: thermostats, autoclaves, refrigerators, BSL2 laminar boxes, PCR box, centrifuges and ultracentrifuge, thermocyclers for PCR and qPCR, Synergy 2 spectrophotometer with culture device, fluorescence microscope with apotome and culture device, CO2 incubator, electrophoretic apparatus, deep freezing boxes	P 3 P 36
Veterinary Surgery and Anaesthesiology	Anesthesia machine Komesaroff Mini - Kom VIC, Anesthesia machine KRUUSE with 2 vaporizers on stand, Defibrillator HEART SAVE ONE with accessories, Electrocautery - electrosurgery, micropr. controller, BABYTHERM incubator for babies, Dixion infusion pump, Instilar, Beneview T8/T1 modular vital signs monitor, VAPORISOR VOC isoflurane vaporizer, v.no. 106101	UVN, P-40, operating theatres and outpatient clinics
Veterinary neurology and neurosurgery	Electrocautery - electrosurgery, microprocessor, Dixion infusion pump, Instilar, Operating table ceiling lamp with integ. camera. system, Negatoscope viewing field LED MST - 4000 double, Stereomicroscope STEMI 508C, v.no. 3943001949 - body; Bathtub with treadmill for rehabilitation, v.no. 14/008/10-15	UVN, P-40, operating theatres and outpatient clinics
Veterinary ophthalmology	FAKO emulsifier, Optomed ocular background camera, Smart VET2, Slit lamp SL - 17, Inami microscope, L - 0980A ophthalmoscope; Omega 500 indirect ophthalmoscope, Intraocular pressure measuring device TA01i	UVN, P-40, operating theatres and outpatient clinics
Veterinary orthopaedics and diagnostic imaging	Operating table ceiling lamp with integrated camera system., Negatoscope viewing field LED MST - 4000 double, Modular monitor of vital functions	UVN, P-40, operating theatres and outpatient clinics

	Beneview T8/T1, Vaporizer isoflurane VAPORISOR VOC, v.no. 106102; Inhalation anaesthesia monitoring device VF A6; Set Air Pen Drive Synthes, APD, v.No. 100249, Set Battery Power Line (Synthes, TRS); Set Compact Air Drive Synthes, CAD II, v.no. 35510, Ultrasound device ALOKA Prosound Alpha 6+3 probes; USG with Doppler ALOKA PROSOUND ALPHA 6+3 probes	
Veterinary dentistry	VOC evaporator Izofluran, v.no. 106100, Sonica ultrasonic cleaner, v.no. 2015012833; Periomat plus automatic machine for recall. Dental X-ray images, Dental drill ENGLER, Scale - Aire, v.no. SO67720-2; Dental X-ray machine ENDOS AC, v.no. 31150329	UVN, P-40, operating theatres and outpatient clinics
Internal diseases of livestock	Biochemical and haematological laboratory (A Analyst 100 Perkin Elmer, ICP Perkin Elmer, haematological analyser BC-2800 Vet, biochemical analyser ALIZE, spectrophotometer Specol 211 (Carl Zeiss Jena), housing facilities with the possibility of animal fixation	P17, P18, P19
Equine internal diseases	Bed side monitor/ Omeda vital signs monitor and General Electric software Anaesthetic machine Komesaroff Australia Smith Respirator for horses Australia Positioning table Haico Oy Josef Boening edition Finland Gantry crane/portal crane Schilling X-ray Gierth HF 400 RTG Orange 902 HF Karl Storz rigid laparoscope, arthroscope; horse flexibile endoscope 180cm, 320cm; USG SS600 Sonoscape Radiographic unit with direct X-ray digitization	P - 17
Internal diseases of pets	Cobas 111 - biochemical analyser IDEXX Pro Cyte - haematology analyser IDEXX Catalyst - Biochemical Analyzer (on-call) Centrifuge Microscopes Coagucheck - blood coagulation analyzer Ultrasound for echocardiography ECG machine Pressure gauge Infusion pumps Medication dispensers Oxygen generator Otoscope with PC visualisation Ultrasonography machine Gastroscope	P - 26, outpatient clinic and laboratory
Anatomy	Material and equipment for animal dissection and other examinations: - dissection tables - e-learning room - rotary microtome: Leica RM 2245	P39 Autopsies P34 laboratory Department of Morphological Disciplines

	- light microscope with camera: Olympus CX63 with PROMICAM 3-3CP camera - Olympus SZ61 stereomicroscope with PROMICAM 3-3CP camera - thermostats, refrigerators, incubators, vortexes PCR box, centrifuge, pH meter, sonicator	
Biochemistry	PhastSystem electrophoretic separation system Ultimate 3000/Thermo Scientific liquid chromatograph with accessories ISO-3100SD/Dionex compact isocratic system UV-VIS spectrophotometer Cary 60 with Peltier/Agilent Technologies Mastersizer 3000/Malvern laser particle counter	P35-411 P35-211 P35-211, P35-014 P35-016 P35-211
Pathological anatomy	Material and equipment for the animal's autopsy and for further examinations: 1. histological sledge microtomes (pfm Slide 2003 - pfm medical Germany and Histoslide 2000, Leica - Reichert - Jung), Shandon Citadel - tissue processor, WD4 pouring apparatus, light microscopes with camera: MOTIC + photocamera MOTICAM 2330, NICON Eclipse Tí + photocamera), thermostat, refrigerator, 2. PCR: PCR box, PCR thermocycler, CO_2 incubator, deep freezer box, 3. cytological: cytocentrifugation 4. flow cytometry: flow cytometer Becton Dickinson, centrifuge	P17/C Autopsy rooms and laboratories of the Department of Morphology
Pathological physiology	ELISA reader (Apollo LB 913, Germany), spectrophotometer (Thermo Electron Corporation, Made in USA), spectrophotometer (VWR International bvba, Made in China), FRAS (FRAS BRAVO, H&H Parma Italy, light microscope (Carl Zeiss Microscopy, Made in Germany), thermostat (Memmert, Made in Germany), freezer (Liebherr - MEDLine, Made in Austria), refrigerator (Gorenje, Made in Slovenia), centrifuge (Eppendorf, Made in Germany)	P8 ground floor Department of Biology and Physiology
Regenerative medicine	Material and equipment for isolation and characterization of stem cells: thermostats, autoclaves, refrigerators, BSL2 laminar boxes, PCR box, centrifuges and ultracentrifuge, thermocyclers for PCR and qPCR, inverted microscope, fluorescence microscope with apotome and culture equipment, CO_2 incubator, electrophoretic apparatus, deep freezing boxes, flow cytometer,	P17 P1 P3 Workplace Pri hati 10

b) Availability of study materials (access to literature in line with syllabi sheets, access to information databases and other information sources, information technologies, etc.):

All literary resources for study outlined in the syllabi are available either in print or electronic form, all information databases purchased and licensed by the university are widely available to students.

c) Description and scope of distance education in the study programme with per course. Access data, manuals of e-learning portals. Procedures for the transition from in-person to distance learning.
UVMP in Košice also provides distance learning for all courses via the MOODLE and MS Teams platforms. Each student can access manuals either in electronic form or in the form of video instructions.

b) Partners of the university in the provision of educational activities of the study programme and characteristics of their participation:
The participation of the University's contractual partners, including the KVL SR, is envisaged in the provision of some activities, especially in the area of practical performance of activities of high societal importance.

d) Characteristics of social, sporting, cultural, spiritual and community facilities:
UVMP in Košice provides its students with a wide range of opportunities for all-round enjoyment in all of the above areas (a detailed description is included in the internal evaluation report).

e) Mobility and internships opportunities (with contact details), application instructions, rules for recognizing this education:
Students of the study programme are guaranteed the opportunity to participate in mobilities. The entire agenda containing instructions and conditions for applying for mobility, conditions and rules of participation as well as rules for recognizing mobility as part of the study plan is covered by the Vice-Rector for International Relations and Internationalisation and the organisational unit managed by her, which is the UVMP Mobility Office. The whole process requires coordination with the supervisor, and is recommended after the study part of the study plan has been completed. Participation in mobility and other contexts are regulated in Article 42 of the Study Guidelines of the UVMP, Part B.

9. Required abilities and prerequisites of the candidate for the study programme

a) Required competences and prerequisites for admission to study:
They are laid down in Article 1 and Article 2, Part B, Part II Organisation of Studies of the Internal Regulations of the Study Guidelines of the UVMP.

b) Admission procedures:
These are laid down in Article 3 and Article 4, Part B, Part II Organisation of Studies of the Internal Regulations of the Study Guidelines of the UVMP. Examination boards for admission examinations are at least 4-member and are appointed by the Rector on an ad hoc basis according to the the study programmes to which students apply.

c) The results of the admissions procedure for the most recent period, which we consider to be the period of the standard length of study (4 academic years):
AR 2018/2019; 0 applicants applied,
AR 2019/2020; 0 applicants applied,
AR 2020/2021; 0 applicants applied,
AR 2021/2022; 0 applicants applied.

10. Feedback on the quality of education provided

a) Procedures for monitoring and evaluating students' views on the quality of the study programme:

The students of UVMP in Košice can evaluate the quality of teaching anonymously through an anonymous questionnaire after graduation, where they evaluate the quality of a particular study programme and the quality of the lecturers who provide the course. Monitoring of study programmes is also continuously carried out by the coordinators of individual fields (5) of science and research at UVMP.

b) Results of student feedback and related measures to improve the quality of the study programme:
The feedback and measures to improve the quality of the study programme are part of the Annual Reports on the Educational Activity at UVMP in Košice for individual academic years and the Annual report on activities UVMP 2021 for individual academic years. As part of the measures to improve the quality of the study programme, the vice-rector for education, study advisors and coordinators of individual fields of science and research step in and address the issues resulting from the feedback.

c) Results of alumni feedback and related measures for improving the quality of the study programme:
The results of alumni feedback and related measures to improve the quality of the study programme are included in the Annual Reports on the Activities of UVMP in Košice and Annual Reports on the Quality of UVMP in Košice for individual academic years. As part of the study programme quality improvement, the results of graduate evaluations are discussed once a year at the relevant committee for the establishment, modification and periodic evaluation of study programmes, where individual comments and proposals for improving the quality of the study programme are discussed. From the academic year 2022/2023, the UVMP will evaluate the readiness of graduates in the form of an electronic questionnaire for employers, which is available at https://forms.gle/z1h9u3rd2g9H589P7.

11. Overview of long-term and continuous success in obtaining financial support

No	Project No	from	To	Project name	Ageny	investigator, co-investigator
1	1/0731/13	2013	2015	Etiopathogenesis, diagnosis and therapy of medial compartment disease of the elbow joint and patella in dogs	SGA	Marián Hluchý, DVM, PhD.
2	1/0090/14	2014	2017	Determination of tumor markers CEA, CA 15-3 and TPSA in clinically healthy dogs and dogs with tumors.	SGA	Alexandra Valenčáková, DVM, PhD
3	1/0225/15	2015	2017	Standardization and use of color Doppler ultrasonography and electroretinography in ophthalmologic and neuro-ophthalmologic diseases in dogs	SGA	Alexandra Trbolová, prof., DVM.,PhD.
4	1/0115/16	2016	2018	Guided periodontal regeneration and propofol continuous intravenous anesthesia in ASA III and IV patients	SGA	Igor Capík, Assoc. Prof. PhD.
5	1/0479/18	2018	2021	Analysis of the retinal aging process in dogs	SGA	Prof. Alexandra Trbolová, DVM., PhD.
6	001UVLF-4/2019	2019	2021	A sophisticated clinical skills laboratory for veterinary medical students	CEGA	Mária Kuricová, Assoc. prof., DVM., PhD.
7	1/0561/19	2019	2021	Study of morphometric changes of the knee joint in relation to anterior cruciate ligament rupture and the use of some elements of regenerative medicine in therapy modifying knee joint disease in dogs	SGA	Prof. Valent Ledecký, DVM., PhD.
8	APVV-19-0193	2020	2024	New players in nanotherapeutics for neurodegenerative diseases: conditioned medium (CM) and extracellular vesicles (EV) of somatic stem budding cells.	RDPA	Daša Čížková, prof., DVM., DrSc.
9	APVV-20-0068	2021	2024	Development of new bioresorbable alloys for in-body implants	RDPA	Assoc. Prof. Ladislav Molnár, DVM., PhD.
10	APVV-20-0278	2021	2024	Degradable metallic biomaterials with controlled drug release	RDPA	Martin Kožár, DVM., PhD.

12. **Links to other relevant internal regulations and information regarding the study or the student of the study programme:**
    Study Guide Book at the UVMP for academic year 2022-2023
    Directive on support of students and applicants to study with specific needs at the UVMP
    Study guidelines of UVMP in Košice
    Annual report on activities UVMP 2021