

ABOUT THE COURSE – 6 GVM

INTENDED FOR: **Secondary school leavers**

DURATION: **6 years (12 semesters)**

LANGUAGE: **English**

AWARDED DEGREE: **Doctor of Veterinary Medicine („DVM“)**

FUTURE CAREER OPTIONS: **Small animals clinics, large animals clinics, exotic animals clinics and ZOOs, game reserves, food safety and quality, pharmaceutical industry, research and development, teaching and consultancy and ecology, postgraduate study**

FORM OF STUDY: **Daily**

CREDIT SYSTEM: **Compatible with the European Credit Transfer System (ECTS)**

FORMS OF DELIVERY: **Lectures, practical lessons, bachelor and diploma thesis and field and professional practice**

TEACHERS: **Professors, associate professors, senior lecturers and well-known experts from scientific institutions, field practice and from abroad**

CURRICULUM:

- **BASIC SUBJECTS** - (*Laboratory and desk based work, lectures and seminars*) Biophysics, Chemistry, Biology, Biomedical statistics and informatics, Biophysical methods in medicine, Radiobiology, Basics of ecology, Basics of scientific work, etc.
- **BASIC SCIENCES** (*Lectures and self directed learning, laboratory and desk based work, non-clinical animal work*) Anatomy, Histology and embryology, Physiology, Biochemistry, Pharmacology, pharmacy and therapeutics, Toxicology, Ecotoxicology, Genetics, Microbiology and immunology, Professional Ethics, Contagious diseases of animals, Applied cytology, Applied virology, Xenobiochemistry, Protection of the environment and public health, Basics of genetic engineering, Applied veterinary haematology, etc.
- **CLINICAL SCIENCES** (*Lectures and seminars, clinical training, laboratory and desk based work, non-clinical and clinical animal work*) Obstetrics, reproduction and reproduction disorders, Pathological anatomy, Pathological physiology, Parasitology, General surgery and anaesthesiology, Clinical practice (Small animal clinic, Clinic of

horses, Clinic of birds, exotic and free living animals, Clinic of ruminants, Clinic of pigs), Radiology and imaging diagnostics, Preventive veterinary medicine, Public veterinary medicine, Propaedeutics, Veterinary legislation and forensic veterinary medicine, Assisted reproduction, Diagnostics of metabolic disorders, Diseases of small animals, Diseases of ruminants, Diseases of horses, Diseases of pigs, Diseases of small mammals and laboratory animals, Diseases of bees, Pathological biochemistry, Behavioral disorders in domestic animals, Clinical oncology of animals, etc.

- ANIMAL PRODUCTION (*Lectures and seminars, laboratory and desk based work, non-clinical animal work*) Animal husbandry and technology of animal production, Nutrition and feeding of animals, Feed quality control and production health of animals, Animal hygiene and welfare, Economy, Animal ethology, etc.
- FOOD HYGIENE / PUBLIC HEALTH (*Lectures and seminars, nonclinical animal work, laboratory and desk based work*) Food hygiene and technology, Food microbiology, Food inspection, Animal and meat control at slaughterhouse, Food chemistry, Foodborne diseases, etc.
- PROFESSIONAL KNOWLEDGE (*Lectures and seminars, nonclinical animal work, laboratory and desk based work*) History of veterinary medicine, Basics of law for veterinary medics, etc.

