



UNIVERSITY OF ZAGREB
FACULTY OF VETERINARY MEDICINE

STUDENT GUIDE FOR THE SUMMER SEMESTER
OF THE 2019-2020 ACADEMIC YEAR

January 2020



DOKTORSKI
STUDIJ
VISOKE RAZINE
KVALITETE



INFORMATION ON 2019-2020 ACADEMIC YEAR SUMMER SEMESTER REGISTRATION

Registration for the Summer Semester of the 2019-2020 academic year is from 27 January until 14 February 2020.

TERMS AND CONDITIONS FOR APPLICATION FOR THE 2019-2020 ACADEMIC YEAR:

1. The requirement for registration is to get the Winter Semester of the 2019-2020 academic year officially approved in the student gradebook by the Student Office
2. Students who opt to pay the tuition fees in two instalments of 4.600 EUR should pay the second installment in order to register for the Summer Semester of the 2019-2020 academic year and produce a bank receipt about payment done as a proof.

DOCUMENTATION FOR APPLICATION SUBMISSION:

1. Grade Book (Indeks)
2. **Enrolment form** completed with courses of Summer Semester academic year 2019-2020
3. Completed **Academic semester approval – request form** for Winter Semester academic year 2019-2020

The classes in Summer Semester begin on 24 February 2020.

Director of English Studies

Prof Juraj Grizelj

Dean

Prof Nenad Turk

2019/2020 COURSE CATALOGUE – OBLIGATORY AND ELECTIVE COURSE LIST

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
2nd semester						
Obligatory Subject	Anatomy with Organogenesis of Domestic Animals II.	20	0	100	0	8,0
	Biochemistry in Veterinary Medicine	28	12	32	0	7,5
	Histology with General Embryology	30	0	60	0	7
	Animal Breeds Characteristics	14	10	30	6	4,5
	Introduction to English Veterinary Medical Terminology I	0	5	10	0	1
	Physical Education	0	0	30	0	1
	Total hours of obligatory courses:	92	27	232+30	6	29
Elective Subject 2 ECTS (MIN 2, MAX 4 ECTS)	Chemistry of Natural Compounds	15	9	6	0	2
	Positive Impact of Animals on Human Health	5	5	5	0	1
	Conservation and Management of Endangered Species	0	0	15	0	1
	Zooecology	0	20	0	10	2
	English for Academic purposes I	5	40	15	0	4
	Selected Chapters in Biomedical Physics for Veterinarians	20	10	0	0	2
	Veterinary Ethics	15	15	0	0	2
	Fundamentals of Scientific Research	8	4	18	0	2
	Specific Anatomical Structures of the Locomotor Apparatus of the Horse	0	0	15	0	1

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
4th semester						
Obligatory Subject	Physiology of Domestic Animals II	45	25	60	0	10
	Applied Animal Nutrition	25	0	20	30	5,5
	Animal Breeding and Production	14	6	14	12	3,5
	Hygiene and Housing of Animals	13	22	0	20	3,0
	General Microbiology	12	12	30	0	3,5
	Physical Education	0	0	30	0	1
	Total hours of obligatory courses:	109	65	124+30	62	26,5
4 ECTS (MIN 4, MAX 6 ECTS)	Game Zoology	5	0	25	0	2
	Anatomy of Laboratory Animals	6	0	24	0	2
	Archaeozoology	10	5	15	0	2
	Basic Biology and Fundamental Physiology of Marine Mammals	7	8	15	0	2
	Cytometry in Clinical Veterinary Medicine	0	15	15	0	2
	Fundamentals of Ecologic Livestock Breeding	10	5	15	0	2

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
6th semester						
Obligatory Subject	Special Veterinary Pathology	60	0	75	0	10,5
	Pathophysiology II	39	6	50	0	6,5
	Clinical Propedeutics	45	0	60	0	8,0
	Communication Skills in Veterinary Medicine	16	0	12	0	1,0
	Total hours of obligatory courses:	160	6	197	0	26
Elective Subject MIN 5, MAX 6 ECTS	Fundamentals of Physics for Diagnostics Methods	20	10	0	0	2
	Comparative Mucosal Immunology	15	5	10	0	2
	Veterinary Clinical Microbiology	8	0	22	0	2
	Parasitology in Public Health	10	20	0	0	2
	Feed Additives - Health Modulators	3	2	10	0	1
	Pigeon Keeping and Breeding	0	15	15	0	2
	Breeding and Husbandry of Rabbits and Furbearers	3	25	2	0	2
	The Role of Veterinarians at Organic Farms	12	18	0	0	2
Agricultural Economics and Rural Development	10	0	20	0	2	

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
8th semester						
Obligatory Subject	Surgery, Orthopaedics and Ophthalmology II	30	0	40+5*	0	5,5
	Obstetrics and Reproduction I	60	0	100+5*	0	12,5
	Methods of Physical Therapy and Diagnostics	15	0	15	0	2,5
	Biology and Pathology of Beneficial Insects	11	0	16	9	2,5
	Biology and Pathology of Aquatic Organisms	11	0	20	5	2,5
	Toxicology	24	6	22	2	3,5
	Total hours of obligatory courses:	151	6	213+10*	16	29
Elective Subject MIN 2, MAX 4 ECTS	Clinical Physiology	15	0	15	0	2
	Hunting and Nature Protection	4	0	26	0	2
	Veterinary Nuclear Medicine	12	0	3	0	1
	Comparative Nutrition	5	6	4	0	1
	Cynology and Felinology	10	20	0	0	2

*Clinic night shift hours

REGISTRATION AND EXAMINATION REQUIREMENTS SCHEME

2nd SEMESTER

SUBJECT	Registration requirements for partial-year enrolees	Examination requirements for full-year and partial-year enrolees
ANATOMY WITH ORGANOGENESIS OF DOMESTIC ANIMALS II	-	ANATOMY WITH ORGANOGENESIS OF DOMESTIC ANIMALS I must be completed
BIOCHEMISTRY IN VETERINARY MEDICINE	Pending completion of the course MEDICAL CHEMISTRY*	MEDICAL CHEMISTRY must be completed
HISTOLOGY WITH GENERAL EMBRYOLOGY	-	
ANIMAL BREEDS CHARACTERISTICS	-	
INTRODUCTION TO ENGLISH VETERINARY MEDICAL TERMINOLOGY I.	-	
PHYSICAL EDUCATION	-	

*All classes attended, but final exam(s) yet to be taken

4th SEMESTER

SUBJECT	Registration requirements for partial-year enrolees	Examination requirements for full-year and partial-year enrolees
PHYSIOLOGY OF DOMESTIC ANIMALS II	Pending completion of PHYSIOLOGY OF DOMESTIC ANIMALS I*	PHYSIOLOGY OF DOMESTIC ANIMALS I must be completed.
APPLIED ANIMAL NUTRITION	Pending completion of BASIC ANIMAL NUTRITION*. BIOCHEMISTRY IN VETERINARY MEDICINE must be completed	BASIC ANIMAL NUTRITION and BIOCHEMISTRY IN VETERINARY MEDICINE must be completed.
ANIMAL BREEDING AND PRODUCTION	Pending completion of the course ANIMAL BREEDING AND PRODUCTION from the 3rd semester*	ANIMAL BREEDS CHARACTERISTICS and BASIC STATISTICS IN VETERINARY MEDICINE must be completed.
HYGIENE AND HOUSING OF ANIMALS	Pending completion of HYGIENE AND HOUSING OF ANIMALS from the 3rd semester*	ENVIRONMENT, ANIMAL BEHAVIOUR AND WELFARE must be completed.
GENERAL MICROBIOLOGY	Pending completion of the course VETERINARY IMMUNOLOGY*	

*All classes attended, but final exam(s) yet to be taken

6th SEMESTER

SUBJECT	Registration requirements for partial-year enrollees	Examination requirements for full-year and partial-year enrollees
SPECIAL VETERINARY PATHOLOGY	Pending completion of GENERAL VETERINARY PATHOLOGY and passed midterms*	GENERAL VETERINARY PATHOLOGY must be completed.
PATHOPHYSIOLOGY II	Pending completion of the course PATHOPHYSIOLOGY I*	PATHOPHYSIOLOGY I must be completed.
CLINICAL PROPEDEUTICS	ANATOMY WITH ORGANOGENESIS OF DOMESTIC ANIMALS I., ANATOMY WITH ORGANOGENESIS OF DOMESTIC ANIMALS II., ANATOMY WITH ORGANOGENESIS OF DOMESTIC ANIMALS III., and HISTOLOGY WITH GENERAL EMBRYOLOGY must be completed.	ANATOMY WITH ORGANOGENESIS OF DOMESTIC ANIMALS I., ANATOMY WITH ORGANOGENESIS OF DOMESTIC ANIMALS II., ANATOMY WITH ORGANOGENESIS OF DOMESTIC ANIMALS III., and HISTOLOGY WITH GENERAL EMBRYOLOGY must be completed.

*All classes attended, but final exam(s) yet to be taken

8th semester

SUBJECT	Registration requirements for partial-year enrollees	Examination requirements for full-year and partial-year enrollees
SURGERY, ORTHOPAEDICS AND OPHTHALMOLOGY II	Pending completion of the course SURGERY, ORTHOPAEDICS AND OPHTHALMOLOGY I from the 7th semester.*	SURGERY, ORTHOPAEDICS AND OPHTHALMOLOGY I must be completed.
OBSTETRICS AND REPRODUCTION I	SPECIAL VETERINARY PATHOLOGY and CLINICAL PROPAEDEUTIC must be completed.	SPECIAL VETERINARY PATHOLOGY and CLINICAL PROPAEDEUTIC must be completed.
BIOLOGY AND PATHOLOGY OF BENEFICIAL INSECTS	GENERAL VETERINARY PATHOLOGY, PHARMACOLOGY, SPECIAL MICROBIOLOGY must be completed.	GENERAL VETERINARY PATHOLOGY, PHARMACOLOGY, SPECIAL MICROBIOLOGY must be completed.
BIOLOGY AND PATHOLOGY OF AQUATIC ORGANISMS	GENERAL VETERINARY PATHOLOGY, PHARMACOLOGY, SPECIAL MICROBIOLOGY must be completed.	GENERAL VETERINARY PATHOLOGY, PHARMACOLOGY, SPECIAL MICROBIOLOGY must be completed.
TOXICOLOGY	GENERAL VETERINARY PATHOLOGY, SPECIAL VETERINARY PATHOLOGY, PATHOPHYSIOLOGY I, PATHOPHYSIOLOGY II, PHARMACOLOGY must be completed.	GENERAL VETERINARY PATHOLOGY, SPECIAL VETERINARY PATHOLOGY, PATHOPHYSIOLOGY I, PATHOPHYSIOLOGY II, PHARMACOLOGY must be completed.
METHODS OF PHYSICAL THERAPY AND DIAGNOSTICS	Pending completion of the course GENERAL AND CLINICAL RADIOLOGY, GENERAL VETERINARY PATHOLOGY, SPECIAL VETERINARY PATHOLOGY.*	GENERAL VETERINARY PATHOLOGY, SPECIAL VETERINARY PATHOLOGY must be completed.

*All classes attended, but final exam(s) yet to be taken

REGISTRATION AND EXAMINATION REQUIREMENTS FOR ELECTIVE COURSES

SUBJECT	Registration requirements	Examination requirements
ARCHAEOZOOLOGY	<p>ANATOMY WITH ORGANOGENESIS OF DOMESTIC ANIMALS I., ANATOMY WITH ORGANOGENESIS OF DOMESTIC ANIMALS II must be completed.</p> <p>Pending completion of ANATOMY WITH ORGANOGENESIS OF DOMESTIC ANIMALS III and COMPARATIVE ANATOMY OF SKELETAL SYSTEM.</p> <p>Priority will be given to students who have passed their pre-qualification exams with a grade of very good or excellent when enrolling into a course.</p> <p>Maximum number of students: 20</p>	<p>ANATOMY WITH ORGANOGENESIS OF DOMESTIC ANIMALS I., ANATOMY WITH ORGANOGENESIS OF DOMESTIC ANIMALS II must be completed.</p>
SPECIFIC ANATOMICAL STRUCTURES OF THE LOCOMOTOR APPARATUS OF THE HORSE	<p>Pending completion of the course ANATOMY WITH ORGANOGENESIS OF DOMESTIC ANIMALS I</p> <p>Maximum number of students: 20</p>	
PARASITOLOGY IN PUBLIC HEALTH	<p>PARASITOLOGY AND PARASITIC DISEASES must be completed.</p>	<p>PARASITOLOGY AND PARASITIC DISEASES must be completed.</p>
PIGEON KEEPING AND BREEDING	<p>ENVIRONMENT, ANIMAL BEHAVIOUR AND WELFARE AND HYGIENE AND HOUSING OF ANIMALS must be completed with an average grade which is higher than 3.5 in the above mentioned subjects.</p> <p>Maximum number of students :3</p>	
VETERINARY CLINICAL MICROBIOLOGY	<p>GENERAL MICROBIOLOGY, SPECIAL MICROBIOLOGY and VETERINARY IMMUNOLOGY must be completed with an average grade which is higher than 3.5 in the above mentioned subjects.</p> <p>Maximum number of students: 10</p>	<p>GENERAL MICROBIOLOGY, SPECIAL MICROBIOLOGY and VETERINARY IMMUNOLOGY must be completed.</p>