

**THE CURRICULUM OF THE INTEGRATED STUDY PROGRAM
OF THE VETERINARY MEDICINE
THE FIRST AND SECOND CYCLE**

YEAR 1

SEMESTER I

	S U B J E C T	A C A D E M I C H O U R S					E C T S
		Lectures	Sem.	Practice	Week	Semester	
1.	Biophysics in Veterinary Medicine	3	-	2	5	75	5,0
2.	Biology in Veterinary Medicine	3	-	2	5	75	5,0
3.	Veterinary Biochemistry I	3	-	2	5	75	5,0
4.	Anatomy of Domestic Animals I	3	-	6	9	135	9,5
5.	Introduction and History of Veterinary Medicine	1	-	-	1	15	1,5
6.	Sociology	2	-	-	2	30	2,0
7.	Physical and Health Education	-	-	2	2	30	2,0
	TOTAL	15	-	14	29	435	30,0

YEAR 1

SEMESTER II

	S U B J E C T	A C A D E M I C H O U R S					E C T S
		Lectures	Sem.	Practice	Week	Semester	
1.	Veterinary Biochemistry II	4	-	3	7	105	7,0
2.	Anatomy of Domestic Animals II	4	-	6	10	150	10,0
3.	Zoohygiene and Prophylaxis of Animal Diseases I	1	-	1	2	30	2,0
4.	Molecular Biology and Biotechnology	1	-	1	2	30	2,0
5.	Animal Husbandry with Biostatistics in Veterinary Medicine I	3	-	2	5	75	5,0
6.	English Language in Veterinary Medicine	2	-	2	4	60	4,0
	TOTAL	15	-	15	30	450	30,0

A student may be admitted to the second year of the study program in case the exams that are not passed are „Molecular Biology and Biotechnology“ and „English Language in Veterinary Medicine“; however, a student is obliged to pass these exams prior to the exams from the odd number semester of the following study year.

YEAR 2**SEMESTER III**

	S U B J E C T	ACADEMIC HOURS					ECTS
		Lectures	Sem.	Practice	Week	Semester	
1.	Veterinary Histology with Embryology	3	1	3	7	105	7,5
2.	Physiology of Domestic Animals I	4	-	3	7	105	7,5
3.	Animal Husbandry with Biostatistics in Veterinary Medicine II	2	-	2	4	60	4,5
4.	Food and Nutrition of Animals I	4	-	3	7	105	7,5
5.	<i>Electives 1</i>	0,5	-	0,5	1	15	1,0
6.	<i>Electives 2</i>	0,5	-	0,5	1	15	1,0
7.	<i>Electives 3</i>	0,5	-	0,5	1	15	1,0
	TOTAL	14,5	1	12,5	28	420	30,0

Facultative subjects (the three subjects are to be elected):

1. Laboratory Animals and Basics of Laboratory Techniques
2. Dental Animal Morphology
3. Kinology and Felinology
4. Horse Breeding and Racing
5. Farming and Production of Rabbits and Fur Animals

YEAR 2**SEMESTER IV**

	S U B J E C T	ACADEMIC HOURS					ECTS
		Lectures	Sem.	Practice	Week	Semester	
1.	Physiology of Domestic Animals II	4	1	2	7	105	6,5
2.	Food and Nutrition of Animals II	2	-	2	4	60	4,0
3.	Veterinary Microbiology with Immunology I	2	-	2	4	60	4,0
4.	Pathology of Domestic Animals I	2	-	3	5	75	5,0
5.	Pathological Physiology of Domestic Animals I	2	-	2	4	60	4,0
6.	Veterinary Parasitology	3	-	3	6	90	5,5
7.	<i>Electives</i>	0,5	-	0,5	1	15	1,0
	TOTAL	15,5	1	14,5	31	465	30,0

Electives (the one is to be elected):

1. Morphophysiology of Domestic Poultry
2. Basics of Hygiene and Animal Food Safety
3. Pigeonry

A student may be admitted to the third year of the study program in case the exam that is not passed is "Veterinary Parasitology "; however, a student is obliged to pass this exam prior to the exams from the odd number semester of the following study year.

YEAR 3**SEMESTER V**

	S U B J E C T	ACADEMIC HOURS					ECTS
		Lectures	Sem.	Practice	Week	Semester	
1.	Veterinary Microbiology with Immunology II	3	-	2	5	75	5,0
2.	Pathology of Domestic Animals II	3	1	5	9	135	8,0
3.	Pathological Physiology of Domestic Animals II	2	-	3	5	75	5,0
4.	Invasive Animal Diseases	2	1	3	6	90	6,0
5.	Veterinary Pharmacology and Toxicology I	3	-	3	6	90	6,0
	TOTAL	13	2	16	31	465	30,0

YEAR 3**SEMESTER VI**

	S U B J E C T	ACADEMIC HOURS					ECTS
		Lect.	Sem.	Practice	Week	Semester	
1.	Ethology and animal welfare	1	-	1	2	30	2,0
2.	Veterinary pharmacology and toxicology II	3	-	2	5	75	5,0
3.	Internal diseases of equines, carnivores and swine with propaedeutic I	2	-	3	5	75	5,0
4.	Internal diseases of ruminants and rabbits with propaedeutic I	2	-	3	5	75	5,0
5.	Physiology and pathology of reproduction of domestic animals I	2	-	2	4	60	3,5
6.	Obstetrics and udder diseases I	2	-	2	4	60	3,5
7.	Surgery with onychology and ophthalmology I	2	-	3	5	75	5,0
8.	<i>Electives</i>	0,5	-	0,5	1	15	1,0
	TOTAL	14,5	-	16,5	31	465	30,0

Electives (one is being elected):

1. Aquarium
2. Pharmacognosy
3. Aquaculture

A student may be admitted to the fourth year of the study program in case the exams that are not passed are „Ethology and Welfare of Animals“ and “Physiology and Pathology of Reproduction of Domestic Animals”; however, a student is obliged to pass these exams prior to the exams from the odd number semester of the following study year.

YEAR 4**SEMESTER VII**

	S U B J E C T S	A C A D E M I C H O U R S					E C T S
		Lectures	Sem.	Practice	Week	Semester	
1.	Veterinary Roentgenology and Physical Therapy	2	-	2	4	60	4,0
2.	Internal Diseases of Equines, Carnivores and Swine with Propedeutics II	2	-	3	5	75	5,0
3.	Internal Diseases of Ruminants and Rabbits with Propedeutics II	2	-	3	5	75	5,0
4.	Physiology and Pathology of Reproduction of Domestic Animals II	2	-	2	4	60	4,0
5.	Obstetrics and Udder Diseases II	2	-	2	4	60	4,0
6.	Surgery with Onychology and Ophthalmology II	2	-	3	5	75	5,0
7.	Honey Bee Diseases	1	-	1	2	30	2,0
8.	<i>Electives</i>	0,5	-	0,5	1	15	1,0
	TOTAL	13,5	-	16,5	30	450	30,0

Electives (the one is being elected):

1. Veterinary Clinical Hematology and Biochemistry
2. Veterinary Clinical Endocrinology

YEAR 4**SEMESTER VIII**

	S U B J E C T S	A C A D E M I C H O U R S					E C T S
		Lectures	Sem.	Practice	Week	Semester	
1.	Farming, Production and Health Care in Poultry I	2	-	2	4	60	4,0
2.	Infectious Animal Diseases with Epizootiology I	3	-	2	5	75	5,0
3.	Hygiene and Technology of Milk and Milk Products	3	-	3	6	90	6,0
4.	Hygiene and Technology of Meat and Meat Products I	2	-	3	5	75	5,0
5.	Veterinary Radiobiology with Radiation Hygiene	3	-	2	5	75	5,0
6.	Outpatient Clinic I	1	-	3	4	60	4,0
7.	<i>Electives</i>	0,5	-	0,5	1	15	1,0
	TOTAL	14,5	-	15,5	30	450	30,0

Electives (the one is being elected):

1. Pets
2. Veterinary Special Radiological Diagnostics

A student may be admitted to the fifth year of the study program in case the exams that are not passed are „Hygiene and Technology of Milk and Milk Products“ or “Veterinary Radiobiology with Radiation Hygiene”; however, a student is obliged to pass these exams prior to the exams from the odd number semester of the following study year.

YEAR 5**SEMESTER IX**

	S U B J E C T	ACADEMIC HOURS					ECTS
		Lectures	Sem.	Practice	Week	Semester	
1.	Farming, Production and Health Care in Poultry II	2	-	2	4	60	4,0
2.	Infectious Animal Diseases with Epizootiology II	3	-	3	6	90	6,0
3.	Hygiene and Technology of Meat and Meat Products II	3	-	3	6	90	6,0
4.	Economics of Health and Animal Production	3	-	2	5	75	5,0
5.	Diseases of Fishes, Crabs and Shells	1	-	1	2	30	2,0
6.	Diseases and Health Management of Game	1	-	1	2	30	2,0
7.	Outpatient Clinic II	-	-	4	4	60	4,0
8.	<i>Electives</i>	0,5	-	0,5	1	15	1,0
	TOTAL	12,5	-	17,5	30	450	30,0

Electives (the one is being elected):

1. Veterinary Clinical Pharmacology and Toxicology
2. Parasitoses in Public Health System
3. Management in Veterinary Medicine

YEAR 5**SEMESTER X**

	S U B J E C T	ACADEMIC HOURS					ECTS
		Lectures	Seminar	Practice	Weekly	Semester	
1.	Zoohygiene and Prophylaxis of Animal Diseases II	2	-	3	5	75	5,0
2.	Zoonoses	1,5	0,5	-	2	30	2,0
3.	Administrative Veterinary Medicine with Organization and Economics of Veterinary Measures	2	1	1	4	60	4,0
4.	Forensic Veterinary Medicine	2	1	1	4	60	4,0
5.	Outpatient Clinic III	-	-	14	14	210	14,0
6.	<i>Electives</i>	0,5	-	0,5	1	15	1,0
	TOTAL	8	2	20	30	450	30,0

Electives (the one is being elected):

1. Environment Protection
2. Unconventional Animal Production
3. Veterinary Public Health