

Study programme General Veterinary Medicine (GVM)

1st year of study General Veterinary Medicine

<i>Compulsory subjects</i>	<i>Credits</i>		<i>Scale</i>			
			<i>WS</i>		<i>SS</i>	
			<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Biophysics	5		2	2e		
Chemistry*	6		2	3e		
Biology	6		2	3e		
Latin terminology	2		0	2e		
Zoology		5			2	2e
Biochemistry*					2	3c
Biomedical statistics and informatics		4			1	2e
Anatomy* I		6			2	3e
Feed plant biology and toxic plants		5			2	2e
Histology and embryology		12	2	3c	2	3e
Slovak language			0	2c	0	2c
History of veterinary medicine	3		0	2e		
<i>Compulsory optional subjects</i>	<i>Credits</i>		<i>Scale</i>			
			<i>WS</i>		<i>SS</i>	
			<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Basics of ecology		3			2	2e
Cynology		3			0	3c
Biophysical methods in medicine		3			0	3e
<i>Optional subjects</i>	<i>Credits</i>		<i>Scale</i>			
			<i>WS</i>		<i>SS</i>	
			<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Physical education*			0	2c	0	2c

Amount of credits per semester CS	22	32
Amount of credits per academic year CS (CS+COS)	54 (60)	
Number of hours per week (semester duration 13 weeks)	25 (8 + 17)	28 (11 + 17)
Amount of exams / classified credits / credits	5 / 0 / 2	5 / 0 / 2

WS – winter semester
SS – spring semester
P – profile subject

CS – compulsory subject
COS – compulsory optional subject
OS – optional subject

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2nd year of study General Veterinary Medicine

<i>Compulsory subjects</i>	<i>Credits</i>	<i>Scale</i>			
		<i>WS</i>		<i>SS</i>	
		<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Biochemistry*	10	2	3e		
Public veterinary medicine	5	1	2e		
Professional ethics	5	1	2e		
Genetics	5	2	2e		
Anatomy* II	8	1	3c	1	3e
Physiology	8	2	3c	2	3e
Animal husbandry and technology of animal production*	7	2	2c	2	2e
Slovak language	2	0	2c	0	2e
Economy	4			1	2e
Microbiology*				2	2c
Nutrition and feeding of animals*				2	2c
<i>Compulsory optional subjects</i>	<i>Credits</i>	<i>Scale</i>			
		<i>WS</i>		<i>SS</i>	
		<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Basics of scientific work	3	0	2e		
Basics of law for veterinary medics	3	0	2e		
Radiobiology*	3	1	2e		
Radiographic anatomy*	3			1	2e
Food chemistry	3			2	2e
<i>Optional subjects</i>	<i>Credits</i>	<i>Scale</i>			
		<i>WS</i>		<i>SS</i>	
		<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Training and rehabilitation of horses*	2			1	3c
Rescue cynology	2			0	2c
Physical education*		0	2c	0	2c

Amount of credits per semester CS	25	29
Amount of credits per academic year CS (CS+COS)	54 (60)	
Number of hours per week (semester duration 13 weeks)	30 (11 + 19)	26 (10 + 16)
Amount of exams / classified credits / credits	4 / 0 / 4	5 / 0 / 2

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SS – spring semester
P – profile subject

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3rd year of study General Veterinary Medicine

<i>Compulsory subjects</i>	<i>Credits</i>		<i>Scale</i>			
			<i>WS</i>		<i>SS</i>	
			<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Nutrition and feeding of animals*	8		2	2e		
Microbiology*	8		2	3e		
Animal ethology		5			2	2e
Animal hygiene and welfare	5		2	3e		
Pathological physiology*		8	2	2c	2	2e
Pharmacology, pharmacy and therapeutics		8	2	2c	2	2e
Toxicology*	3		2	2e		
Immunology*		3			2	2e
Food microbiology*		3			1	2e
Propedeutics					2	2c
Feed quality control and production health of animals*					2	2c
Pathological anatomy*					2	3c
Breeding and diseases of bees		3			1	1e
<i>Diploma thesis (optional)</i>			<i>10 h /c</i>		<i>10 h /c</i>	
<i>Compulsory optional subjects</i>	<i>Credits</i>		<i>Scale</i>			
			<i>WS</i>		<i>SS</i>	
			<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Pathological biochemistry*	3		0	2e		
Xenobiochemistry	3		0	2e		
Basics of regenerative medicine	3		1	2e		
Applied veterinary haematology*		3			1	2e
Applied virology*		3			2	2e
Basics of genetic engineering*		3			1	3e
<i>Optional subjects</i>	<i>Credits</i>		<i>Scale</i>			
			<i>WS</i>		<i>SS</i>	
			<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Laboratory diagnostics*		2			0	3e
Physical education*			0	2c	0	2c

Amount of credits per semester CS	24	30
Amount of credits per academic year CS (CS+COS)	54 (60)	
Number of hours per week (semester duration 13 weeks)	26 (12 + 14)	34 (16 + 18)
Amount of exams / classified credits / credits	4 / 0 / 2	6 / 0 / 3

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4th year of study General Veterinary Medicine

<i>Compulsory subjects</i>		<i>Credits</i>		<i>Scale</i>			
				<i>WS</i>		<i>SS</i>	
				<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Feed quality control and production health of animals		5		2	2e		
Propedeutics*		5		2	2e		
Obstetrics, reproduction and reproduction disorders*		3		2	2e		
Pathological anatomy*		7		2	3e		
Epizootology*			5	2	2c	2	3e
General surgery and anesthesiology*			4	2	2c	1	2e
Parasitology*			5	2	2c	2	3e
Andrology and artificial insemination			2			2	2e
Radiology and imaging diagnostics*		2		1	2e		
Breeding and diseases of game			2			1	2e
SSE	Food hygiene and technology* I (milk, milk products and their chemical analysis)	5		1	3c		
SSE	Food hygiene and technology* II (poultry, eggs and game meat and their chemical analysis)		5			1	3c
<i>Diploma thesis (optional)</i>				<i>10 h /c</i>		<i>10 h /c</i>	
Extramural practice (hrs per semester)			4			80 h /c	
<i>Compulsory optional subjects</i>		<i>Credits</i>		<i>Scale</i>			
				<i>WS</i>		<i>SS</i>	
				<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Applied cytology		3		1	2e		
Clinical biochemistry		3		0	2e		
Breeding and diseases of reptiles and terrarial animals		3		2	2e		
Protection of animals used in biomedical research according to EU legislation		3		2	2e		
Diseases of small mammals and laboratory animals*		3		1	2e		
Ecotoxicology			3			0	2e
Diseases of laboratory animals and management of clinical experiment			3			2	2e
Basics of horse shoeing*			3			1	2e
Clinical microbiology and immunology*			3			2	2e

<i>Optional subjects</i>	<i>Credits</i>	<i>Scale</i>			
		<i>WS</i>		<i>SS</i>	
		<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Tropical veterinary medicine*	2			2	2e
Falconry and wild life rehabilitation	2			1	2c
Physical education*		0	2c	0	2c

Amount of credits per semester CS	27	27
Amount of credits per academic year CS (CS+COS)	54 (60)	
Number of hours per week (semester duration 13 weeks)	36 (16 + 20)	24 (9 + 15) 80 h of practice /s
Amount of exams / classified credits / credits	5 / 0 / 4	5 / 0 / 2

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SS – spring semester

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5th year of study General Veterinary Medicine

<i>Compulsory subjects</i>		<i>Credits</i>	<i>Scale</i>			
			<i>WS</i>		<i>SS</i>	
			<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Preventive veterinary medicine*		4	1	2e		
Diseases of exotic, ZOO animals and reptiles		4	1	2e		
Breeding and diseases of fish		4	1	2e		
Diagnostic pathology		3			0	2e
Diseases of poultry		3			2	2e
Diploma thesis			10 h /c		10 h /c	
Contagious diseases of animals, protection of the environment, veterinary legislation and forensic veterinary medicine*		10	SE			
SSE	Contagious diseases of animals (P)		2	2c		
SSE	Protection of the environment and public health		2	3c		
SSE	Veterinary legislation and forensic veterinary medicine		2	2c		
Food hygiene, safety and quality		10			SE	
SSE	Animal and meat control at slaughterhouse (P)		1	3c		
SSE	Food hygiene and technology* III (meat, meat products and their chemical analysis)		1	2c	2	3c
SSE	Food inspection				0	2c
SSE	Internal diseases of small animals*	4	2	2c	2	2c
SSE	Surgery and orthopaedics of small animals (P)	1			2	2c
SSE	Diseases of ruminants* I	5	3	3c	3	3c
SSE	Diseases of horses* I	2			2	2c
SSE	Diseases of pigs* I	2			3	3c
Extramural practice (hrs per semester)		2			80 h /c	
<i>Clinical practice (hrs per semester)</i>	Clinic of birds, exotic and free living animals*		60 h /c			
	Small animal clinic*		40 h /c			
	Clinic of horses*		10 h /c			
	Clinic of ruminants*		30 h /c			

<i>Compulsory optional subjects</i>	<i>Credits</i>		<i>Scale</i>			
			<i>WS</i>		<i>SS</i>	
			<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Clinical oncology of animals*	3		1	2e		
Diagnostics of metabolic disorders*	3		1	2e		
Crisis management and biotechnics in reproduction	3		1	2e		
Foodborne diseases*	3		1	2e		
Veterinary dermatology in small animals		3			2	2c
Clinical genetics		3			2	2e
Zoonoses*		3			2	2e
Assisted reproduction		3			1	2e
Reproductive endocrinology		3			0	2e
Clinical pharmacology		3			0	2e
<i>Optional subjects</i>	<i>Credits</i>		<i>Scale</i>			
			<i>WS</i>		<i>SS</i>	
			<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Behaviour disorders in domestic animals	2		0	2e		
Physical education*			0	2c	0	2c

Amount of credits per semester CS	12	22
Amount of credits per semester SE	10	10
Amount of credits per academic year CS+SE (CS+SE+COS)	54 (60)	
Number of hours per week (semester duration 13 weeks)	39 (16 + 23) 30 h of practice/s	37 (16 + 21) 190 h of practice/s
Amount of exams / classified credits / credits	3 / 0 / 9 1 SE	2 / 0 / 13 1 SE

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6th year of study General Veterinary Medicine

<i>Compulsory subjects</i>		<i>Credits</i>		<i>Scale</i>			
				<i>WS</i>		<i>SS</i>	
				<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Diseases of small animals			10			SE	
SSE	Infectious and parasitic diseases of small animals			2	2c		
SSE	Surgery and orthopaedics of small animals (P)			2	2c		
SSE	Reproduction of small animals			1	2c		
Diseases of pigs			5	SE			
SSE	Diseases of pigs* II (P)			3	4c		
Diseases of ruminants			5	SE			
SSE	Diseases of ruminants* II (P)			3	3c		
Diseases of horses			10			SE	
SSE	Diseases of horses* II (P)			6	7c		
Professional communication		3		0	2c		
Herd health management		3		0	2c		
Defending of diploma thesis			5			SE	
Diploma thesis				10 h /c			
<i>Clinical practice (hrs per semester)</i>	Clinic of ruminants		4	60 h /c			
	Clinic of pigs		4	60 h /c			
	Small animal clinic		4	80 h /c			
	Clinic of horses		4	80 h /c			
<i>Compulsory optional subjects</i>		<i>Credits</i>		<i>Scale</i>			
				<i>WS</i>		<i>SS</i>	
				<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Veterinary ophthalmology*		3		1	2e		
Veterinary stomatology*		3		1	2e		
Clinical syndromes in dog and cat		3		0	2c		
Neurology in small animals		3		0	3c		
<i>Optional subjects</i>		<i>Credits</i>		<i>Scale</i>			
				<i>WS</i>		<i>SS</i>	
				<i>lectures</i>	<i>practice</i>	<i>lectures</i>	<i>practice</i>
Homeopathy in small animals		2		0	3c		
Physical education*				0	2c	0	2c

Amount of credits for compulsory subjects	6	16
Amount of credits for sate exams	10	25
Amount of credits per academic year	57 (60)	
Number of hours per week (semester duration 13 weeks)	41 (17 + 24) 120 h of practice/s	160 h of practice/s
Amount of exams / classified credits / credits	0 / 0 / 13 2 SE	0 / 0 / 4 3 SE

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P – profile subject

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