

MSP Veterinary Medicine

1st year of study

Subject Code	Subject	PB/TS	Subject Guarantor	WS - 1	Credits	SS - 2	Credits
Department / Abbrev.				extent		extent	
2410/VAET	Medical Terminology	PB	MVDr. Simona Kovaříková, Ph.D.	1/0 cr	1		
2150/VABF	Biophysics	-	Prof. MVDr. Petr Dvořák, CSc.	1/1 cr	2		
2360/VACH	Chemistry	-	MVDr. Jiří Bednář, Ph.D.	1/1 cr	2		
2410/VASV	Biostatistics	-	Mgr. Petr Linhart, Ph.D.	1/2 ex	4		
2420/VAZE	Agricultural Production	-	MVDr. Vlastimil Šimek, Ph.D.	1/2 ex	4		
2420/VAZZ	Pet Animal Husbandry	PB	Prof. Ing. David Zapletal, CSc.	2/1 ex	4		
2150/VABI	Biology	-	Prof. MVDr. Ivan Literák, CSc.	2/2 ex	5		
1110/VAAN1, VAAN2	Anatomy I, II	PB	Doc. MVDr. Václav Páral, Ph.D.	3/4 cr	4	3/4 ex	8
1110/VAHI1, VAHI2	Histology and Embryology I, II	PB	Prof. MVDr. František Tichý, CSc.	2/2 cr	4	2/3 ex	8
2150/VAZO	Zoology	-	Doc. RNDr. Oldřich Sychra, Ph.D.			1/1 cr	2
2420/VABO	Botany	-	Mgr. Kateřina Sedláková, Ph.D.			1/1 cr	2
1200/VAFY1	Physiology I	PB	Prof. RNDr. Eva Matalová, Ph.D.			2/2 cr	4
2420/VABC1	Biochemistry I	PB	Doc. MVDr. Radka Dobšíková, Ph.D.			2/2 cr	4
9750/VACZ1	Czech Language I*	-	PhDr. Lenka Řítičková			0/2 cr	2
					30		30
	Credits in total						60

*for study programme in Czech: English Language I, Mgr. Silvie Schüllerová, Ph.D.

** abbreviations: PB – subject of profiling basis; TS – basic theoretical subject of the profiling basis

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2nd year of study

Subject Code	Subject	PB/TS	Subject Guarantor	WS - 1	Credits	SS - 2	Credits
Department / Abbrev.				extent		extent	
1200/VAFY2	Physiology II	PB	Prof. RNDr. Eva Matalová, Ph.D.	2/2 ex	7		
2420/VABC2	Biochemistry II	PB	Doc. MVDr. Radka Dobšíková, Ph.D.	2/2 ex	7		
9750/VACZ2	Czech Language II	-	PhDr. Lenka Řitičková	0/2 ex	2		
2190/VAEKL	Ecology	-	Prof. MVDr. Jiří Pikula, Ph.D., DECZM	1/2 cr	2		
2410/VAVP1, VAVP2	Basics of Veterinary Care I, II	PB	MVDr. Simona Kovaříková, Ph.D.	1/1 cr	2	1/1 ex	2
2410/VAOZ1, VAOZ2	Animal Protection, Welfare and Ethology I, II	TS	Prof. MVDr. Vladimír Večerek, CSc., MBA	1/2 cr	3	1/2 ex	3
2420/VAVD1, VAVD2	Animal Nutrition I, II	PB	Doc. MVDr. Radka Dobšíková, Ph.D.	2/2 cr	4	2/2 ex	4
1240/VAMI1, VAMI2	Microbiology I, II	PB	Prof. MVDr. Vladimír Celer, Ph.D.	1/2 cr	3	1/2 ex	4
1200/VAPF1	Pathological Physiology I	PB	MVDr. Jana Doležalová, Ph.D.			1/2 cr	4
1230/VAPM1	Pathological Morphology I	TS	Doc. MVDr. Miša Škorič, Ph.D.			1/2 cr	4
1240/VAIM1	Immunology I	PB	Prof. MVDr. Vladimír Celer, Ph.D.			1/1 cr	2
1500/VAFA1	Pharmacology and Pharmacy I	PB	MVDr. Jan Chloupek, Ph.D.			2/2 cr	4
2420/VAZT	Animal Husbandry	PB	Prof. Ing. David Zapletal, Ph.D.			2/2 ex	3
					30		30
	Credits in total						60

*for study programme in Czech: English Language II, Mgr. Silvie Schüllerová, Ph.D.

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3rd year of study

Subject Code	Subject	PB/TS	Subject Guarantor	WS - 1	Credits	SS - 2	Credits
Department / Abbrev.				extent		extent	
1200/VAPF2	Pathological Physiology II	PB	MVDr. Jana Doležalová, Ph.D.	1/2 ex	4		
1230/VAPA1, VAPA2	Parasitology I, II	PB	Doc. MVDr. Miša Škorič, Ph.D.	1/2 cr	3	1/2 ex	4
1230/VAPM2, VAPM3	Pathological Morphology II, III	TS	Doc. MVDr. Miša Škorič, Ph.D.	1/2 cr	4	1/2 ex	7
1240/VAIM2	Immunology II	PB	Prof. MVDr. Vladimír Celer, Ph.D.	1/1 ex	3		
1500/VAFA2	Pharmacology and Pharmacy II	PB	MVDr. Jan Chloupek, Ph.D.	2/2 ex	4		
1200/VALDZ	Laboratory Diagnostics of Pet Animals	TS	Prof. RNDr. Eva Matalová, Ph.D.	2/1 cr	3		
1680/VAKPP	Clinical Propaedeutics of Farm Animals	TS	Doc. MVDr. Svatopluk Čech, Ph.D.	1/1 cr	1		
2410/VAZH	Animal Hygiene	PB	MVDr. Miroslav Macháček, Ph.D.	1/2 ex	3		
2410/VATX	Toxicology	PB	doc. MVDr. Helena Modrá, Ph.D.	2/2 ex	4		
1260/VAGE	Clinical Genetics	TS	Prof. MVDr. RNDr. Petr Hořín, CSc.			2/1 ex	4
1660/VAKPZ	Clinical Propaedeutics of Pet Animals	TS	Doc. MVDr. Michal Crha, Ph.D.			1/1 cr	1
1680/VALDP	Laboratory Diagnostics of Farm Animals	TS	Doc. MVDr. Svatopluk Čech, Ph.D.			1/1 cr	2
1680/VAPG1	Obstetrics and Gynaecology I	TS	Doc. MVDr. Radovan Doležel, CSc.			2/1 cr	2
2190/VACRV	Diseases of Fish and Bees	PB	Prof. MVDr. Miroslava Palíková, Ph.D.			2/2 ex	4
2190/VAZVE	Diseases of Game Animals	PB	Prof. MVDr. Jiří Pikula, Ph.D., DECZM			2/2 ex	4
2420/VAPPZ	Preclinical Practice in Pet Animal Breeding	-	MVDr. Vlastimil Šimek, Ph.D.	40 h	1		
2420/VAPPH	Preclinical Practice in Farm Animal Breeding	-	MVDr. Vlastimil Šimek, Ph.D.			40 h	1
1600/VAVUP	Practice - Laboratory Diagnostics	-	MVDr. Kristýna Řeháková, Ph.D.			40 h	1
					30		30
	Credits in total						60

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4th year of study

Subject Code	Subject	PB/TS	Subject Guarantor	WS - 1	Credits	SS - 2	Credits
Department / Abbrev.				extent		extent	
1240/VAEP	General Epidemiology	TS	Prof. MVDr. Dagmar Zendulková, CSc.	1/1 cr	3		
1660/VACHA	General Surgery and Anaesthesiology	TS	Prof. MVDr. Alois Nečas, Ph.D., MBA	2/2 ex	5		
1660/VAZDG	Diagnostic Imaging	TS	Prof. MVDr. Alois Nečas, Ph.D., MBA	1/2 ex	5		
1680/VAPG2	Obstetrics and Gynaecology II	TS	Doc. MVDr. Radovan Doležel, CSc.	1/2 ex	5		
1680/VADPG	DOS - Obstetrics and Gynaecology	TS	Doc. MVDr. Radovan Doležel, CSc.	0/2 cr	1		
1680/VARU1, VARU2	Internal Diseases of Ruminants I, II	TS	Doc. MVDr. Svatopluk Čech, Ph.D.	2/1 cr	2	1/2 ex	5
1680/VASU1, VASU2	Internal Diseases of Swine I, II	TS	Doc. MVDr. Martin Svoboda, Ph.D.	2/1 cr	2	1/2 ex	5
	Compulsory Elective Subject 1	-		1/2 ex	3		
1500/VACDS	Diseases of Farmed Small Mammals	TS	Doc. MVDr. Vladimír Jekl, Ph.D., DECZM	1/1ex	3		
1260/VAPDZ	Information Literacy and Data Management	PB	Prof. MVDr. et RNDr. Petr Hořín, CSc.	0/1 cr	1		
1240/VAIC1	Infectious Diseases of Animals I	TS	Prof. MVDr. Dagmar Zendulková, CSc.			2/1 cr	2
1650/VACPD	Poultry Diseases	TS	Doc. MVDr. Hana Bandouchová, Ph.D.			2/1 ex	4
1660/VAMZ1	Internal Diseases of Dogs and Cats I	TS	Doc. MVDr. Michal Crha, Ph.D.			2/1 cr	3
1680/VAAND	Andrology	TS	Doc. MVDr. Svatopluk Čech, Ph.D.			1/1 ex	3
1680/VADCE	DOS – Diseases of Ruminants	TS	Doc. MVDr. Svatopluk Čech, Ph.D.			0/2 cr	1
1680/VADPR	DOS – Diseases of Swine	TS	Doc. MVDr. Martin Svoboda, Ph.D.			0/2 cr	1
2410/VAEKN	Economy of Veterinary Practice	-	Doc. MVDr. Vladka Pištěková, Ph.D.			1/1 cr	2
1680/VAPMM	Preventive Medicine and Herd Health Management	PB	MVDr. Josef Prášek, Ph.D.			1/1 ex	3
1660/VAKS	Internship at Clinics	-	Doc. MVDr. Michal Crha, Ph.D.			40 h	1
					30		30
	Credits in total						60

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5th year of study

Subject Code	Subject	PB/TS	Subject Guarantor	WS - 1	Credits	SS - 2	Credits
Department / Abbrev.				extent		extent	
1240/VAIC2	Infectious Diseases of Animals II	TS	Prof. MVDr. Dagmar Zendulková, CSc.	2/1 ex	3		
1650/VAEX	Diseases of Exotic Animals	TS	Doc. MVDr. Hana Bandouchová, Ph.D.	2/1 ex	3		
1650/VADEX	DOS - Diseases of Exotic Animals	TS	Doc. MVDr. Hana Bandouchová, Ph.D.	0/2 cr	1		
1660/VACM1, VACM2	Surgery and Orthopaedics of Small Animals I, II	TS	Prof. MVDr. Alois Nečas, Ph.D., MBA	1/2 cr	3	1/1 ex	5
1660/VAMZ2, VAMZ3	Internal Diseases of Dogs and Cats II, III	TS	Doc. MVDr. Michal Crha, Ph.D.	2/1 cr	3	1/2 ex	5
1660/VADM1, VADM2	DOS - Diseases of Dogs and Cats I, II	TS	Doc. MVDr. Michal Crha, Ph.D.	0/2 cr	1	0/2 cr	1
1670/VACV1, VACV2	Surgery and Orthopaedics of Large Animals I, II	TS	Doc. MVDr. Markéta Sedlinská, Ph.D.	1/1 cr	2	1/1 ex	4
1670/VAEQ1, VAEQ2	Internal Diseases of Horses I, II	TS	Doc. MVDr. Markéta Sedlinská, Ph.D.	2/1 cr	3	1/2 ex	4
2360/VAMA1, VAMA2	Meat Production Hygiene I, II	TS	Doc. MVDr. Josef Kameník, CSc. MBA	2/2 cr	2	2/2 ex	3
2410/VAVV	Forensic and Veterinary Public Health	TS	Doc. MVDr. Petr Chloupek, Ph.D.	2/2 ex	3		
2410/VAVLE	Veterinary Legislation of EU	TS	Doc. MVDr. Petr Chloupek, Ph.D.	1/1 cr	1		
1660/VADOM	DOS - Surgery and Orthopaedics of Small Animals	TS	Prof. MVDr. Alois Nečas, Ph.D., MBA			0/2 cr	1
1670/VADOV	DOS - Surgery and Orthopaedics of Large Animals	TS	Doc. MVDr. Markéta Sedlinská, Ph.D.			0/2 cr	1
1670/VADKO	DOS - Diseases of Horses	TS	Doc. MVDr. Markéta Sedlinská, Ph.D.			0/2 cr	1
2360/VAML	Milk Production Hygiene	TS	Prof. MVDr. Lenka Vorlová, Ph.D.	2/2 ex	2		
	Compulsory Elective Subject 2	-				1/2 ex	3
1660/VAPEK	Professional Ethics and Communication	PB	Doc. MVDr. Michal Crha, Ph.D.	1/0 cr	1		
2360/VABKP	DOS – Food Safety and Quality	TS	Prof. MVDr. Iva Steinhauserová, CSc.	0/1 cr	1	0/1cr	1
2410/VAVVL	DOS – Veterinary Public Health	TS	Doc. MVDr. Petr Chloupek, Ph.D.	0/1cr	1		
2360/VAHYP	Practice – Slaughterhouse	-	MVDr. Helena Veselá, Ph.D.			40 h	1
					30		30
	Credits in total						60

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6th year of study

Block teaching of the 6th study year lasts 40 weeks in total.

Partial blocks have 5 weeks length, respect. 10weeks length.

Compulsory SREx: Infectious Diseases of Animals and Legislation/ Food Hygiene / Diseases of Dogs and Cats / Diseases of Ruminants and Swine

Elective SREx: Equine Diseases / Diseases of Birds, Reptiles and Small Mammals/ Diseases of Poultry and Farmed Rabbits / Thesis

Student has to take four compulsory partial blocks and accomplish them with the partial state rigorous exams (CSREx), furthermore, one or two partial blocks are elective and it is also finalized by partial state rigorous exam (ESREx). In total, each student completes 5 to 6 partial blocks/exams according to his/her choice.

Subject Code Department / Abbrev.	Subject Guarantor	PB/TS	11 th – 12 th SEMESTER block teaching, extent	SREx/ESREx	Credits
1240/VAICL	Infectious Diseases of Animals and Legislation Prof. MVDr. Dagmar Zendulková, CSc.	TS	5 weeks (150 hours)	SREx	7
2360/VAHYG	Food Hygiene Prof. MVDr. Iva Steinhäuserová, CSc.	TS	5 weeks (150 hours)	SREx	7
1660/VAPK	Diseases of Dogs and Cats prof. MVDr. Alois Nečas, Ph.D., MBA	TS	10 weeks (300 hours)	SREx	16
1680/VAPRE	Diseases of Ruminants and Swine doc. MVDr. Svatopluk Čech, Ph.D.	TS	10 weeks (300 hours)	SREx	16
1670/VAKO	Equine Diseases doc. MVDr. Markéta Sedlinská, Ph.D.	TS	10 weeks (300 hours)	ESREx	14
1650/VAPPS	Diseases of Reptiles, Birds, and Small Mammals Doc. MVDr. Hana Bandouchová, Ph.D., DECZM	TS	10 weeks (300 hours)	ESREx	14
1500/VADRU	Diseases of Poultry and Farmed Rabbits Doc. MVDr. Vladimír Jekl, Ph.D. , DECZM	TS	10 weeks (300 hours)	ESREx	14
1900/VADIP	Thesis*	TS	10 weeks (300 hours)	ESREx	14

SREx – compulsory Partial State Rigorous Exam; ESREx – elective Partial State Rigorous Exam

** It is possible to work on the Thesis beyond the scope of the elective clinical subjects. If a student chooses within ESREx a clinical subject (Equine Diseases; Diseases of Reptiles, Birds and Small Mammals; Diseases of Poultry and Farmed Rabbits), he or she can prepare Thesis in addition to this choice. If the student chooses as elective subject Thesis, it is understood as sufficient fulfillment of the ESREx. It is not possible to choose two clinical ESREx.*

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Compulsory Elective Subjects

Subject Code	Subject	CES	Subject Guarantor	WS - 1	Credits	SS - 2	Credits
Department / Abbrev.				extent		extent	
1110/VASAN	Comparative Anatomy of Vertebrates	CES	MVDr. Martin Pyszko, Ph.D.	1/2 ex	3		
1110/VAPP	Practical Course of Anatomical Dissection	CES	MVDr. Martin Pyszko, Ph.D.	0/2 ex	3		
1110/VAKAN	Clinical Anatomy of Domestic Animals	CES	MVDr. Martin Pyszko, Ph.D.			1/2 ex	3
1110/VAMAO	Microscopic Anatomy of Vertebrates	CES	MVDr. Alexandra Gorošová, Ph.D.			1/2 ex	3
1200/VALDA	Laboratory Diagnostic Algorithm in Internal Veterinary Medicine	CES	MVDr. Ivana Váňová, Ph.D.			0/2 ex	3
1200/VALDI	Laboratory Diagnostics in Small and Large Animals - Interpretation	CES	MVDr. Kristína Řeháková, Ph.D.			1/2 ex	3
1230/VAKPA	Clinical Parasitology of Dogs and Cats	CES	Prof. MVDr. Vlasta Svobodová, CSc.	2/1 ex	3		
1230/VAZPP	Parasitic Zoonoses	CES	Prof. MVDr. Břetislav Koudela, CSc.	1/2 ex	3		
1230/VAPEX	Parasitoses of Wild and Exotic Animals	CES	MVDr. Jana Juránková, Ph.D.	1/2 ex	3		
1230/VATP	Parasitoses of Domestic Animals in Tropics and Subtropics	CES	MVDr. Jana Juránková, Ph.D.			1/2 ex	3
1240/VAPT	Advanced Techniques in the Diagnostics of Infectious Diseases	CES	Prof. MVDr. Vladimír Celer, Ph.D.	1/2 ex	3		
1240/VAIPK	Selected Infectious Diseases of Dogs and Cats	CES	Doc. MVDr. Petr Lány, Ph.D.	0/2 ex	3		
1240/VAMMS	Veterinary Medicine in Disasters	CES	Doc. MVDr. Petr Lány, Ph.D.			1/2 ex	3
1240/VAKMI	Clinical Microbiology	CES	Prof. MVDr. Alois Čížek, CSc.	1/2 ex	3		
1240/VAKIM	Clinical Immunology	CES	Prof. MVDr. Vladimír Celer, Ph.D.			1/1 ex	3
1260/VAMVP	Methodology of Research	CES	Prof. MVDr. RNDr. Petr Hořín, CSc.	1/0 ex	3		
1500/VAKL	Drug Development, Production and Control	CES	MVDr. Jan Chloupek, Ph.D.	0/2 ex	3		
1650/VAKMO	Clinical Morphology of Vertebrates	CES	Doc. MVDr. Hana Bandouchová, Ph.D., Dipl. ECZM	1/1 ex	3		
1670/VACS	Case Studies	CES	MVDr. Eva Šamonilová, Ph.D.	0/2 ex	3		
1660/VATZM	Tomographic Imaging	CES	MVDr. Pavel Proks, Ph.D.	1/1 ex	3		
1660/VAKA	Clinical Cardiology	CES	MVDr. Zita Filipejová Vašáková, Ph.D.	1/1 ex	3		
1660/VAKE	Small Animal Electrocardiography and Echocardiography	CES	MVDr. Zita Filipejová Vašáková, Ph.D.			1/1 ex	3

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1660/VAMCH	Miniinvasive Endoscopic Assisted Surgery in Practice	CES	Prof. MVDr. Alois Nečas, Ph.D., MBA			1/1 ex	3
1670/VADK	Demonstration of Equine Clinical Cases	CES	MVDr. Šárka Krisová, Ph.D.			0/2 ex	3
1670/VAKFK	Clinical Physiology of Sport Horses	CES	Doc. MVDr. Markéta Sedlinská, Ph.D.	1/1 ex	3		
1670/VAOSK	Orthopaedics of Sport and Racehorses	CES	MVDr. Kristína Žuffová, Ph.D.			0/2 ex	3
1680/VAARE	Assisted Reproduction	CES	Doc. MVDr. Svatopluk Čech, Ph.D.			1/2 ex	3
2150/VANVZ	Wildlife Diseases	CES	Prof. MVDr. Pavel Široký, Ph.D.	1/2 ex	3		
2190/VAMYS	Hunting Game Management	CES	Prof. MVDr. Jiří Pikula, Ph.D., DECZM	2/2 ex	3		
2420/VAVDI	Veterinary Dietetics	CES	Mgr. Kateřina Sedláková, Ph.D.	2/2 ex	3		
2420/VABP	Feed Safety	CES	Mgr. Kateřina Sedláková, Ph.D.			2/2 ex	3
2150/VAAR	Antibiotic Resistance	CES	Mgr. Ivo Papoušek, Ph.D.			1/2 ex	3
2190/VAHVP	Care of Handicapped Animals	CES	Prof. MVDr. Jiří Pikula, Ph.D., DECZM			1/1 ex	3
2190/VAVET	Veterinary Ecotoxicology	CES	Prof. MVDr. Jiří Pikula, Ph.D., DECZM	1/2 ex	3		
1670/VAKPK	Applied Equine Pharmacology and Clinical Pathology	CES	MVDr. Zuzana Drábková, Ph.D., DECEIM	0/1 zk	3		

Elective subjects

Subject Code	Subject	ES	Subject Guarantor	WS - 1	Credits	SS - 2	Credits
Department / Abbrev.				extent		extent	
1670/VAJEZ	Horse Riding	ES	Doc. MVDr. Markéta Sedlinská, Ph.D.	0/2 cr	1	0/2 cr	1
2190/VAVCE	Beekeeping	ES	Doc. MVDr. Ivana Papežíková, Ph.D.			1/1 ex	1
2190/VARY	Fishing	ES	Prof. MVDr. Miroslava Palíková, Ph.D.			1/1 ex	1
9750/VALA	Latin	ES	PhDr. Lenka Řitičková	0/2 ex	1		
9760/VATV	Sports	ES	Mgr. Jiří Chodníček	0/2 ex	1	0/2 cr	1

List of abbreviations:

CES – compulsory elective subject; ES – elective subject; WS – winter semester; SS – Summer Semester; ex – exam, cr - credit