

STUDY OFFERING, CURRICULUM HOUR MATRIX 2020-2021

 Unit: Faculty of Veterinary Medicine
 Field of studies: Veterinary Medicine

 Level of study: Long-cycle Master's degree programme
 Profile of study: General Academic (GA)

YEAR 1, SEMESTER 1

No	Year	Sem.	New catalogue number	I			Module	Person responsible for the module	Lectures	Practicals	Seminars	Field exercises	e-learning	ECTS	ECTS_k	Estimated hours for ECTS	Curricular hours		
				Type of the module (Basic/ Directional/ Social sciences)	Mandatory Elective	General academic / Practical													
1	1	1	FVM-V-JMSS-01W-B05_20	B	m	GA	Animal anatomy (1)	dr Tomasz Szara	30	60				8	4	215	90		
2	1	1	FVM-V-JMSS-01W-B43_20	B	m	GA	Histology and embryology (1)	dr hab. Anna Maria Duszewska	15	15				3	1	82	30		
3	1	1	FVM-V-JMSS-01W-B12_20	B	m	GA	Cell biology	dr hab. Anna Maria Duszewska	15	15				2	1	54	30		
4	1	1	FVM-V-JMSS-01W-B11_20	B	m	GA	Biology	Dr Maciej Szmidt	30					2	1	50	30		
5	1	1	FVM-V-JMSS-01W-B63_20	B	m		Information technology	Dr Krzysztof Karpio, dr Tomasz Woźniakowski		30				2	1	50	30		
6	1	1	FVM-V-JMSS-01W-B10_20	B	m	GA	Biophysics	dr hab. Michał M. Godlewski	30					2	1	50	30		
7	1	1	FVM-V-JMSS-01W-B46_20	B	m		Latin	Mgr Mikołaj Antczak		30				2	1	30	30		
8	1	1	FVM-V-JMSS-01W-B14_20	B	m	GA	Chemistry	dr hab. Małgorzata Gajewska, prof. SGGW	15	30				3	2	100	45		
9	1	1	FVM-V-JMSS-01W-B68_20	B	m		Physical education (1)	mgr Mikołaj Rosa		30				0	0	0	30		
10	1	1	FVM-V-JMSS-01W-S52_20	S	m		Copyrights in academia	dr Michał Tracz	15					1	1	25	15		
11	1	1	FVM-V-JMSS-01W-EB01_20	B	e	GA	Molecular cell physiology	Prof. dr hab. Arkadiusz Orzechowski	30					2	1	50	30		
12	1	1	FVM-V-JMSS-01W-ES02_20	S	e		Intercultural communication	dr Agata Młynarska-Jurczuk	30					2	1	50	30		
13	1	1	FVM-V-JMSS-01W-EB03_20	B	e	GA	Calculus	Prof. dr hab. Mikołaj A. Gralak	7	8				1	1	25	15		
14	1	1	FVM-V-JMSS-01W-ES04_20	S	e		English language for veterinary student E-LEARNING	CANCELED DUE TO COVID-19		40				4	2	60	40		
15	1	1	FVM-V-JMSS-01W-ES05_20	S	e		Successful learning	dr inż. Mariusz Maciejczak	15					1	1	25	15		
16	1	1	FVM-V-JMSS-01W-ES06_20	S	e		Critical thinking	mgr Małgorzata Zawadka	15					1	1	30	15		
17	1	1	FVM-V-JMSS-01W-ES07_20	S	e		Introductory Polish	mgr Beata Czerwińska, mgr Agnieszka Wójcik		30				2	1	45	30		
ECTS social sciences:									7	ECTS electives:			13	ECTS total:		38	21	Curricular hours:	535

YEAR 1, SEMESTER 2

No	Year	Sem.	New catalogue number	I			Module	Person responsible for the module	Lectures	Practicals	Seminars	Field exercises	e-learning	ECTS	ECTS_k	Estimated hours for ECTS	Curricular hours		
				Type of the module (Basic/ Directional/ Social sciences)	Mandatory Elective	General academic / Practical													
18	1	2	FVM-V-JMSS-02S-B05_20	B	m	GA	Animal anatomy (2)	dr Tomasz Szara	30	60				8	4	215	90		
19	1	2	FVM-V-JMSS-02S-B43_20	B	m	GA	Histology and embryology (2)	dr hab. Anna Maria Duszewska, prof. SGGW	30	30				5	3	140	60		
20	1	2	FVM-V-JMSS-02S-B09_20	B	m	GA	Biochemistry (1)	dr hab. Małgorzata Gajewska, prof. SGGW	15	45				4	3	100	60		
21	1	2	FVM-V-JMSS-02S-B40_20	B	m	GA	General and veterinary genetics	dr hab. Anna Maria Duszewska, prof. SGGW	15	15				2	1	57	30		
22	1	2	FVM-V-JMSS-02S-B51_20	B	m	GA	Environmental protection	dr hab. inż. Piotr Bąskaj	15	15				2	1	50	30		
23	1	2	FVM-V-JMSS-02S-B13_20	B	m	GA	Biostatistics and methods of documentation	dr hab. Michał Czapowicz	15	15				2	1	50	30		
24	1	2	FVM-V-JMSS-02S-D44_20	D	m	GA	History of veterinary and deontology	Jan Wiśniewski, DVM, PhD	30					2	1	50	30		
25	1	2	FVM-V-JMSS-02S-D02_20	D	m		Agronomy	dr hab. Irena Suwara, prof. SGGW	15					1	1	25	15		
26	1	2	FVM-V-JMSS-02S-B68_20	B	m		Physical education (2)	mgr Mikołaj Rosa		30				0	0	0	30		
27	1	2	FVM-V-JMSS-02S-S47_20	S	m		Polish language (1)	mgr Agnieszka Wójcik, mgr Beata Czerwińska		30				2	1	50	30		
28	1	2	FVM-V-JMSS-02S-EB01_20	B	e	GA	Aquaculture and exotic animals care	dr Joanna Zarzyńska	30					2	1	50	30		
29	1	2	FVM-V-JMSS-02S-EB02_20	B	e	GA	Breeds and varieties of dogs and cats	dr Joanna Zarzyńska	15					1	1	25	15		
ECTS social sciences:									2	ECTS electives:			3	ECTS total:		31	18	Curricular hours:	450

YEAR 2, SEMESTER 3

No	Year	Sem.	New catalogue number	I			Module	Person responsible for the module	Lectures	Practicals	Seminars	Field exercises	e-learning	ECTS	ECTS_k	Estimated hours for ECTS	Curricular hours
				Type of the module (Basic/ Directional/ Social sciences)	Mandatory Elective	General academic / Practical											
30	2	3	FVM-V-JMSS-03W-B09_20	B	m	GA	Biochemistry (2)	dr hab. Małgorzata Gajewska, prof. SGGW	30	45				6	3	150	75
31	2	3	FVM-V-JMSS-03W-B39_20	B	m	GA	Animal physiology (1)	Dr hab. Tomasz Sadkowski	30	36	9			6	4	150	75
32	2	3	FVM-V-JMSS-03W-D27_20	D	m	GA	Animal husbandry and breeding	Prof. dr hab. Mikołaj A. Gralak	30			15		3	2	75	45
33	2	3	FVM-V-JMSS-03W-D64_20	D	m	GA	Technologies in animal production	Prof. dr hab. Mikołaj A. Gralak	30					2	1	50	30
34	2	3	FVM-V-JMSS-03W-D34_20	D	m		Ethology	dr hab. Tadeusz Kaleta	30					2	1	50	30
35	2	3	FVM-V-JMSS-03W-D32_20	D	m		Veterinary economics	dr inż. Mariusz Maciejczak	15					1	1	25	15
36	2	3	FVM-V-JMSS-03W-B33_20	B	m	GA	Veterinary epidemiology	dr Michał Czapowicz		30				2	1	50	30
37	2	3	FVM-V-JMSS-03W-S47_20	S	m		Polish language (2)	mgr Beata Czerwińska, mgr Agnieszka Wójcik		60				2	1	100	60
38	2	3	FVM-V-JMSS-03W-B47_20	B	m	GA	Veterinary microbiology (1)	Prof. dr hab. Marcin Bańbura	30	45				5	3	150	75
39	2	3	FVM-V-JMSS-03W-B03_20	B	m	GA	Comparative anatomy	dr Michał Skibniewski		45				4	2	120	45

40	2	3	FVM-V-JMSS-03W-ES01_20	S	e	GA	Animal rights - legal protection system	CANCELED DUE TO COVID-19	15							1	1	25	15
41	2	3	FVM-V-JMSS-03W-ED02_20	D	e	GA	Medical botany	dr hab. Marta Mendel	15							1	1	30	15

ECTS social sciences: 2 ECTS electives: 2 ECTS total: 35 21 Curricular hours: 510

YEAR 2, SEMESTER 4

No	Year	Sem.	New catalogue number	I		II		III		Person responsible for the module	Lectures	Practicals	Seminars	Field exercises	e-learning	ECTS	ECTS_k	Estimated hours for ECTS	Curricular hours
				Type of the module (Basic/ Directional/ Social sciences)	Mandatory Elective	General academic / Practical	Module												
42	2	4	FVM-V-JMSS-04S-B39_20	B	m	GA	Animal physiology (2)	Dr hab. Tomasz Sadkowski	30	36	9				6	4	150	75	
43	2	4	FVM-V-JMSS-04S-B47_20	B	m	GA	Veterinary microbiology (2)	Prof. dr hab. Marcin Bańbura	30	45					5	4	150	75	
44	2	4	FVM-V-JMSS-04S-D71_20	D	m		Animal nutrition and feeding	Prof. dr hab. Mikołaj A. Gralak	30	22	8				4	2	100	60	
45	2	4	FVM-V-JMSS-04S-S47_20	S	m		Polish language (3)	mgr Beata Czerwińska, mgr Agnieszka Wójcik		60					4	2	100	60	
46	2	4	FVM-V-JMSS-04S-B45_20	B	m	GA	Immunology	Dr hab. Małgorzata Gieryńska	15	15	15				4	2	100	45	
47	2	4	FVM-V-JMSS-04S-B04_20	B	m	GA	Topographic anatomy	Dr hab. Michał Skibniewski	15	24	6				4	2	120	45	
48	2	4	FVM-V-JMSS-04S-D55_20	D	m	GA	Parasitology and invasiology (1)	dr Maciej Klockiewicz	30	30					4	2	100	60	
49	2	4	FVM-V-JMSS-04S-D58_20	D	m	GA	Husbandry practice (summer practice 80h)	Prof. dr hab. Mikołaj Gralak				80			1	1	80	80	
49	2	4	FVM-V-JMSS-04S-EB01_20	B	e	GA	Physiology of exercise	Prof. dr hab. Piotr Ostaszewski	30						2	1	50	30	
50	2	4	FVM-V-JMSS-04S-EB02_20	B	e	GA	Physiology of development	Prof. dr hab. Arkadiusz Orzechowski	15						1	1	50	15	
50	2	4	FVM-V-JMSS-04S-ED03_20	D	e	GA	Principles of animal handling	CANCELED DUE TO COVID-19		30					2	1	45	30	
51	2	4	FVM-V-JMSS-04S-EB04_20	B	e	GA	Veterinary gerontology	Prof. dr hab. Arkadiusz Orzechowski	15		15				2	1	50	30	
51	2	4	FVM-V-JMSS-04S-ED05_20	D	e	GA	Clinical anatomy of rodents and rabbits	CANCELED DUE TO COVID-19	10	5					1	1	27	15	
52	2	4	FVM-V-JMSS-04S-ED06_20	D	e	GA	Principles of horse handling	Dr hab. Małgorzata Domino		15					1	1	15	15	

ECTS social sciences: 4 ECTS electives: 9 ECTS total: 41 25 Curricular hours: 635

YEAR 3, SEMESTER 5

No	Year	Sem.	New catalogue number	I		II		III		Person responsible for the module	Lectures	Practicals	Seminars	Field exercises	e-learning	ECTS	ECTS_k	Estimated hours for ECTS	Curricular hours
				Type of the module (Basic/ Directional/ Social sciences)	Mandatory Elective	General academic / Practical	Module												
53	3	5	FVM-V-JMSS-05W-B56_20	B	m	GA	Pathophysiology	Prof. dr hab. Arkadiusz Orzechowski	60	45					10	6	250	105	
54	3	5	FVM-V-JMSS-05W-B37_20	B	m	GA	Veterinary pharmacology (1)	dr n. wet. Wojciech Karlik	30	30					4	2	100	60	
55	3	5	FVM-V-JMSS-05W-D55_20	D	m	GA	Parasitology and invasiology (1)	dr Maciej Klockiewicz	30	30					4	2	100	60	
56	3	5	FVM-V-JMSS-05W-D55_20	D	m	GA	Parasitology and invasiology (2)	dr Maciej Klockiewicz	15	30					3	2	100	45	
56	3	5	FVM-V-JMSS-05W-D57_20	D	m	GA	Pathomorphology (1)	Prof. Dr hab. Rafał Sapieryński	30	45					8	3	200	75	
57	3	5	FVM-V-JMSS-05W-S47_20	S	m		Polish language (4)	mgr Beata Czerwińska, mgr Agnieszka Wójcik		30					2	1	50	30	
58	3	5	FVM-V-JMSS-05W-D28_20	D	m	GA	Clinical and laboratory diagnostics (1)	Dr n. wet Marta Parzeniecka-Jaworska	30	14		16			3	2	75	60	
59	3	5	FVM-V-JMSS-05W-ED01_20	D	e	GA	Veterinary virology	Prof. dr hab. Marcin Bańbura	15						1	1	25	15	
60	3	5	FVM-V-JMSS-05W-ED02_20	D	e	GA	Bacteriological and mycological laboratory diagnostics of skin infections in dogs and cats	dr Ada Schollenberger		15					1	1	15	15	
61	3	5	FVM-V-JMSS-05W-ED03_20	D	e	GA	One Health in veterinary practice	CANCELED DUE TO COVID-19	10		5				1	1	25	15	

ECTS social sciences: 2 ECTS electives: 3 ECTS total: 37 21 Curricular hours: 480

YEAR 3, SEMESTER 6

No	Year	Sem.	New catalogue number	I		II		III		Person responsible for the module	Lectures	Practicals	Seminars	Field exercises	e-learning	ECTS	ECTS_k	Estimated hours for ECTS	Curricular hours
				Type of the module (Basic/ Directional/ Social sciences)	Mandatory Elective	General academic / Practical	Module												
62	3	6	FVM-V-JMSS-06S-B37_20	B	m	GA	Veterinary pharmacology (2)	dr n. wet. Wojciech Karlik	15	45					4	3	100	60	
63	3	6	FVM-V-JMSS-06S-D57_20	D	m	GA	Pathomorphology (2)	Prof. Dr hab. Rafał Sapieryński	30	45					8	3	200	75	
64	3	6	FVM-V-JMSS-06S-B36_20	B	m	GA	Veterinary pharmacy	dr n. wet. Wojciech Karlik	15						1	1	25	15	
65	3	6	FVM-V-JMSS-06S-D15_20	D	m	GA	General surgery and anesthesiology	Prof. dr hab. Marek Galanty	15	30					3	2	100	45	
66	3	6	FVM-V-JMSS-06S-D53_20	D	m	GA	Response to public health related disasters	dr Michał Tracz	15	15					2	1	50	30	
67	3	6	FVM-V-JMSS-06S-D28_20	D	m	GA	Clinical and laboratory diagnostics (2)	Dr n. wet Marta Parzeniecka-Jaworska	30	30					4	3	75	60	
68	3	6	FVM-V-JMSS-06S-D55_20	D	m	GA	Parasitology and invasiology (2)	dr Maciej Klockiewicz	15	30					3	2	100	45	
69	3	6	FVM-V-JMSS-06S-D18_20	D	m	GA	Bee diseases	Dr hab. n. wet. Anna Gajda	15	8		7			2	1	45	30	
70	3	6	FVM-V-JMSS-06S-D09_19	D	m	GA	Diagnostic imaging	Dr hab. Małgorzata Domino	15	45					3	2	118	60	
71	3	6	FVM-V-JMSS-06S-EB01_20	B	e	GA	Advances in biomedical sciences - joint course	dr hab. Michał M. Godlewski			15				2	1	45	15	
72	3	6	FVM-V-JMSS-06S-EB02_20	B	e	GA	Primary cell cultures in veterinary research	Dr Anna Słoińska-Zielonka		15					1	1	15	15	
73	3	6	FVM-V-JMSS-06S-EB03_20	B	e	GA	Experimental immunology	Dr hab. Kinga Majchrzak-Kuligowska	6	3	6				1	1	25	15	

ECTS social sciences: 0 ECTS electives: 4 ECTS total: 34 21 Curricular hours: 465

YEAR 4, SEMESTER 7

I II III

No	Year	Sem.	New catalogue number	Type of the module (Basic/ Directional/ Social sciences)	Mandatory Elective	General academic / Practical	Module	Person responsible for the module	Lectures	Practicals	Seminars	Field exercises	e-learning	ECTS	ECTS_k	Estimated hours for ECTS	Curricular hours
74	4	7	FVM-V-JMSS-07W-D25_20	D	m	GA	Farm animal diseases	Prof. dr hab. Zdzislaw Gajewski	105	30	66	54		15	10	375	255
75	4	7	FVM-V-JMSS-07W-D25/1_20	D	m	GA	farm animal internal diseases	Małgorzata Wierzbicka, PhD, DVM	30	15		30		5	3	100	75
76	4	7	FVM-V-JMSS-07W-D25/2_20	D	m	GA	farm animal surgery	Dr Bernard Turek	15	6		9		2	1	75	30
77	4	7	FVM-V-JMSS-07W-D25/3_20	D	m	GA	farm animal reproduction	Bartosz Pawliński DVM PhD Dr Sc	30	9	21	15		4	3	120	75
78	4	7	FVM-V-JMSS-07W-D25/4_20	D	m	GA	farm animal infectious diseases	Prof. dr hab. Iwona Markowska-Daniel	30		45			4	3	100	75
79	4	7	FVM-V-JMSS-07W-D07_20	D	m	GA	Meat Hygiene (1)	Dr hab. Krzysztof Anusz, prof.	15		8	22		3	2	90	45
80	4	7	FVM-V-JMSS-07W-D57_20	D	m	GA	Pathomorphology (3)	Prof. Dr hab. Rafał Sapieryński	30	30				8	3	200	60
81	4	7	FVM-V-JMSS-07W-D42_20	D	m	GA	Feed hygiene	dr Joanna Zarzyńska	20			10		2	1	50	30
82	4	7	FVM-V-JMSS-07W-ED01_20	D	e	GA	Feed insect diseases	CANCELED DUE TO COVID-19	15	12		3		2	1	45	30
83	4	7	FVM-V-JMSS-07W-ED02_20	D	e	GA	Geriatric care of companion animals	dr Magdalena Kalwas-Sliwińska	30					2	1	50	30
84	4	7	FVM-V-JMSS-07W-ED03_20	D	e	GA	Radiographic anatomy of dog and cat	dr Norbert Czubaj	15					1	1	30	15
85	4	7	FVM-V-JMSS-07W-ED04_20	D	e	GA	Planning and monitoring of clinical tests E-LEARNING	dr Piotr Pietrzak	15					1	1	30	15
86	4	7	FVM-V-JMSS-07W-ED05_20	D	e	GA	Management of laboratory animal facility	Łukasz Kiraga DVM	15					1	1	25	15

ECTS social sciences:

0

ECTS electives:

7

ECTS total:

35

ECTS_k

21

Curricular hours:

495

YEAR 4, SEMESTER 8

No	Year	Sem.	New catalogue number	Type of the module (Basic/ Directional/ Social sciences)	I		II		III		Module	Person responsible for the module	Lectures	Practicals	Seminars	Field exercises	e-learning	ECTS	ECTS_k	Estimated hours for ECTS	Curricular hours
					Mandatory	Elective	Mandatory	Elective	Mandatory	Elective											
87	4	8	FVM-V-JMSS-08S-D16_20	D	m			GA			Equine diseases	Bartosz Pawliński DVM PhD Dr Sc	60	55	15	50		12	7	180	180
88	4	8	FVM-V-JMSS-08S-D16/1_20	D	m			GA			equine internal diseases	Małgorzata Wierzbicka, PhD, DVM	15	10		20		3	2	75	45
89	4	8	FVM-V-JMSS-08S-D16/2_20	D	m			GA			equine surgery	Dr Bernard Turek	15	45				4	3	75	60
90	4	8	FVM-V-JMSS-08S-D16/3_20	D	m			GA			equine reproduction	Bartosz Pawliński DVM PhD Dr Sc	15		15			3	2	75	30
91	4	8	FVM-V-JMSS-08S-D16/4_20	D	m			GA			equine infectious diseases	Dr hab. Lucjan Witkowski	15		15			2	1	50	30
92	4	8	FVM-V-JMSS-08S-D07_20	D	m			GA			Meat Hygiene (2)	Dr hab. Krzysztof Anusz, prof.	15	42		3		3	2	90	60
93	4	8	FVM-V-JMSS-08S-D70_20	D	m			GA			Zoonoses	Prof. dr hab. Krzysztof Anusz	15					1	1	25	15
94	4	8	FVM-V-JMSS-08S-B65_20	B	m			GA			Toxicology	dr hab. Marta Mendel	30	15	15			3	2	70	60
95	4	8	FVM-V-JMSS-08S-D06_20	D	m			GA			Andrology and artificial insemination	Slawomir Giziński DVM, PhD	14	20		6		3	2	80	40
96	4	8	FVM-V-JMSS-08S-D66_20	B	m			GA			Veterinary jurisprudence	Dr Michał Tracz	15	10	5			2	1	50	30
97	4	8	FVM-V-JMSS-08S-D23_20	D	m			GA			Fish diseases	Prof. dr hab. Andrzej Krzysztof Siwicki	15	10				1	1	25	25
98	4	8	FVM-V-JMSS-08S-B35_20	S	m			GA			Ethical aspects of veterinary practice E-LEARNING	dr Agata Młynarska-Jurczuk	15					1	1	25	15
99	4	8	FVM-V-JMSS-08S-D59_20	D	m			GA			Clinical practice (1) (summer practice)	dr Maciej Klockiewicz				160		5	5	160	160
100	4	8	FVM-V-JMSS-08S-D60_20	D	m			GA			Veterinary inspection (1) (summer practice)	Prof. dr hab. Krzysztof Anusz				80		2	2	80	80
101	4	8	FVM-V-JMSS-08S-ED01_20	D	e			GA			Clinical immunology	dr hab. Anna Cywińska			15			1	1	24	15
102	4	8	FVM-V-JMSS-08S-ED02_20	D	e			GA			Clinical haematology	Dr Marek Kulka	5	10				1	1	24	15
103	4	8	FVM-V-JMSS-08S-ED03_20	D	e			GA			Clinical virology	CANCELED DUE TO COVID-19			15			1	1	15	15

ECTS social sciences:

0

ECTS electives:

3

ECTS total:

36

ECTS_k

28

Curricular hours:

680

YEAR 5, SEMESTER 9

No	Year	Sem.	New catalogue number	Type of the module (Basic/ Directional/ Social sciences)	I		II		III		Module	Person responsible for the module	Lectures	Practicals	Seminars	Field exercises	e-learning	ECTS	ECTS_k	Estimated hours for ECTS	Curricular hours
					Mandatory	Elective	Mandatory	Elective	Mandatory	Elective											
104	5	9	FVM-V-JMSS-09W-D19_20	D	m			GA			Dog and cat diseases	Prof. dr hab. Roman Lechowski	75	160	20			12	10	350	255
105	5	9	FVM-V-JMSS-09W-D19/1_20	D	m			GA			dog and cat internal diseases	Prof. dr hab. Roman Lechowski	30	70				5	3	125	100
106	5	9	FVM-V-JMSS-09W-D19/2_20	D	m			GA			dog and cat surgery	Prof. dr hab. Marek Galanty	15	55				4	3	100	70
107	5	9	FVM-V-JMSS-09W-D19/3_20	D	m			GA			dog and cat reproduction	Prof. Piotr Jurka PhD, DVM,	15	35				3	2	90	50
108	5	9	FVM-V-JMSS-09W-D19/4_20	D	m			GA			dog and cat infectious diseases	PhD Olga Szaluś-Jordanow	15		20			2	1	60	35
109	5	9	FVM-V-JMSS-09W-D31_20	D	m			GA			Dietetics	prof. dr hab. Piotr Ostaszewski	15		15			2	1	45	30
110	5	9	FVM-V-JMSS-09W-D21_20	D	m			GA			Avian diseases	Prof. dr hab. Piotr Szeleszczuk	45	45				6	4	105	90
111	5	9	FVM-V-JMSS-09W-D08_20	D	m			GA			Safety of animal origin foods (1)	Dr hab. Agnieszka Jackowska-Tracz	30	26	13	6		4	3	100	75
112	5	9	FVM-V-JMSS-09W-D01_20	D	m			GA			Administration and legal aspects in veterinary	dr Michał Tracz	15	15	15			3	2	75	45
113	5	9	FVM-V-JMSS-09W-D24_20	D	m			GA			Fur animals diseases	Dr Tadeusz Jakubowski	10	9		6		1	1	30	25
114	5	9	FVM-V-JMSS-09W-ED01_20	D	e			GA			Clinical toxicology of large animals	dr hab. Marta Mendel	15					1	1	30	15
115	5	9	FVM-V-JMSS-09W-ED02_20	D	e			GA			Clinical toxicology of small animals	dr hab. Marta Mendel	15					1	1	30	15
116	5	9	FVM-V-JMSS-09W-ED03_20	D	e			GA			Veterinary at the border control	CANCELED DUE TO COVID-19	6	6		3		1	1	25	15
117	5	9	FVM-V-JMSS-09W-ED04_20	D	e			GA			Anaesthesia and pain management in veterinary procedures	dr Katarzyna Siewruk	15					1	1	25	15
118	5	9	FVM-V-JMSS-09W-ED05_20	D	e			GA			Reptile and amphibian dietetics	dr Joanna Zarzyńska	15					1	1	25	15

ECTS social sciences:

0

ECTS electives:

5

ECTS total:

35

ECTS_k

25

Curricular hours:

595

YEAR 5, SEMESTER 10

No	Year	Sem.	New catalogue number	I		II		III		Module	Person responsible for the module	Lectures	Practicals	Seminars	Field exercises	e-learning	ECTS	ECTS_k	Estimated hours for ECTS	Curricular hours		
				Type of the module (Basic/ Directional/ Social sciences)	Mandatory Elective	General academic / Practical																
119	5	10	FVM-V-JMSS-10S-D62_20	D	m	GA			Veterinary prevention	Prof. dr hab. Romuald Zabielski	45	25			5		4	3	75	75		
114	5	10	FVM-V-JMSS-10S-D08_20	D	m	GA			Safety of animal origin foods (2)	Dr hab. Agnieszka Jackowska-Tracz	15	30					4	2	100	45		
120	5	10	FVM-V-JMSS-10S-D41_20	D	m	GA			Milk hygiene	Dr Joanna Zarzyńska	15	15					2	1	50	30		
121	5	10	FVM-V-JMSS-10S-D26_20	D	m	GA			Rotation - Farm animal diseases	Prof. dr hab. Zdzislaw Gajewski					120		6	5	110	120		
122	5	10	FVM-V-JMSS-10S-D20_20	D	m	GA			Rotation - Dog and cat diseases	PhD Magdalena Ostrzeszewicz		115					6	4	175	115		
123	5	10	FVM-V-JMSS-10S-D17_20	D	m	GA			Rotation - Equine diseases	Dr Bernard Turek		50		40			6	4	100	90		
124	5	10	FVM-V-JMSS-10S-D22_20	D	m	GA			Rotation - Avian diseases	Prof. dr hab. Piotr Szeleszczuk		26		4			2	2	45	30		
125	5	10	FVM-V-JMSS-10S-D54_20	D	m	GA			Rotation - Laboratory class of parasitology	dr Maciej Klockiewicz		8	7				1	1	25	15		
126	5	10	FVM-V-JMSS-10S-D59_20	D	m	GA			Clinical practice (2) (summer practice - 160h)	Dr Maciej Klockiewicz				160			5	5	160	160		
127	5	10	FVM-V-JMSS-10S-D61_20	D	m	GA			Veterinary inspection (2) (summer practice - 80h)	Dr hab. Agnieszka Jackowska-Tracz				80			2	2	50	80		
Block AI: Small Animal Electives [4 ECTS]																						
128	5	10	FVM-V-JMSS-10S-ED01_20	D	e	GA			Behavioural medicine of cats and dogs	Dr n. wet. Jagna Kudła	15	15					2	1	50	30		
129	5	10	FVM-V-JMSS-10S-ED02_20	D	e	GA			Clinical and laboratory diagnostics in emergency veterinary medicine	Dr n. wet. Agnieszka Wrzeńska		15					1	1	15	15		
130	5	10	FVM-V-JMSS-10S-ED03_20	D	e	GA			Differential diagnostics based on laboratory results	dr hab. Marta Mendel	15						1	1	30	15		
Block AII: Equine Electives [4 ECTS]																						
131	5	10	FVM-V-JMSS-10S-ED04_20	D	e	GA			Behavioural medicine of horses	Dominika Domańska DVM PhD		15					1	1	30	15		
132	5	10	FVM-V-JMSS-10S-ED05_20	D	e	GA			Seafood quality and safety management	Dr hab. Agnieszka Jackowska-Tracz	15						1	1	25	15		
133	5	10	FVM-V-JMSS-10S-ED06_20	D	e	GA			Veterinary of the racing horse	Anna Cywińska PhD hab. DVM	15			15			2	1	45	30		
Block AIII: Farm Animal Electives [4 ECTS]																						
134	5	10	FVM-V-JMSS-10S-ED07_20	D	e	GA			Food safety management	Dr hab. Agnieszka Jackowska-Tracz	15						1	1	25	15		
135	5	10	FVM-V-JMSS-10S-ED08_20	D	e	GA			Veterinary of pig herd	Dr hab. Agnieszka Jackowska-Tracz	2			13			1	1	15	15		
136	5	10	FVM-V-JMSS-10S-ED09_20	D	e	GA			Nutraceuticals in farm animals	Prof. dr hab. Mikołaj A. Gralak	15						1	1	25	15		
137	5	10	FVM-V-JMSS-10S-ED10_20	D	e	GA			Applied pharmacology of farm animals	dr n. wet. Wojciech Karlik	15						1	1	25	15		
Other Electives [5 ECTS]																						
138	5	10	FVM-V-JMSS-10S-ED11_20	D	e	GA			Ophthalmology in small animals	Aleksandra Tomkowicz DVM	3	12					1	1	25	15		
139	5	10	FVM-V-JMSS-10S-ED12_20	D	e	GA			Canine and feline breed-related disorders	Magdalena Kalwas-Śliwińska, DVM, Ph.D.	15						1	1	25	15		
140	5	10	FVM-V-JMSS-10S-ED13_20	D	e	GA			Case studies in small and exotic animals anaesthesia and analgesia E-LEARNING	dr Katarzyna Siewruk			15				1	1	25	15		
141	5	10	FVM-V-JMSS-10S-ED14_20	D	e	GA			From symptoms to diagnosis - skin E-LEARNING	dr hab. Katarzyna Zabielska-Koczywąs		15					1	1	25	15		
142	5	10	FVM-V-JMSS-10S-ED15_20	D	e	GA			Veterinary otology	CANCELED DUE TO COVID-19	6	9					1	1	16	15		
ECTS social sciences:												0	ECTS electives:		17	ECTS total:		55	Curricular hours:		44	1015

YEAR 6, SEMESTER 11

No	Year	Sem.	New catalogue number	I		II		III		Module	Person responsible for the module	Lectures	Practicals	Seminars	Field exercises	e-learning	ECTS	ECTS_k	Estimated hours for ECTS	Curricular hours
				Type of the module (Basic/ Directional/ Social sciences)	Mandatory Elective	General academic / Practical														
143	6	11	FVM-V-JMSS-11W-D67_20	D	m	GA			Rotation - Veterinary laboratory diagnostics	Dr n. wet. Marta Parzeniecka-Jaworska		15					2	1	25	15
144	6	11	FVM-V-JMSS-11W-D69_20	D	m	GA			Herd health management	Prof. dr hab. Romuald Zabielski	15	33		12			3	2	85	60
Block AI: Small Animal Electives [8 ECTS]																				
145	6	11	FVM-V-JMSS-11W-ED01_20	D	e	GA			Cardiology diagnostics in small animals	Dr n. wet. Marta Parzeniecka-Jaworska		3	12				1	1	25	15
146	6	11	FVM-V-JMSS-11W-ED02_20	D	e	GA			Small animal bone and joint surgery	dr hab. Jacek Sterna		30					2	1	60	30
147	6	11	FVM-V-JMSS-11W-ED03_20	D	e	GA			Daily clinical practice	dr Marek Kulka		15					1	1	24	15
148	6	11	FVM-V-JMSS-11W-ED05_20	D	e	GA			Small animal dermatology	dr hab. Katarzyna Zabielska-Koczywąs	6	9					1	1	25	15
149	6	11	FVM-V-JMSS-11W-ED06_20	D	e	GA			Small animal dentistry	dr Michał Wąsowicz	9	5	1				1	1	25	15
150	6	11	FVM-V-JMSS-11W-ED07_20	D	e	GA			Physiotherapy and rehabilitation of companion animals	Agata Migdańska	15	15					2	1	50	30
Block AII: Large Animal Electives [8 ECTS]																				
151	6	11	FVM-V-JMSS-11W-ED08_20	D	e	GA			Welfare and rehabilitation of horses	Małgorzata Domino PhD, DVM, Dr Sc.		15					1	1	25	15
152	6	11	FVM-V-JMSS-11W-ED10_20	D	e	GA			Ultrasound diagnostics of the reproductive tract in farm animals	Bartosz Pawliński DVM PhD Dr Sc	4	6		20			2	1	50	30
153	6	11	FVM-V-JMSS-11W-ED11_20	D	e	GA			Horse dentistry	CANCELED DUE TO COVID-19	9	5	1				1	1	16	15
154	6	11	FVM-V-JMSS-11W-ED13_20	D	e	GA			Hoof management in cattle	Bartosz Pawliński DVM PhD Dr Sc		5		10			1	1	25	15
155	6	11	FVM-V-JMSS-11W-ED14_20	D	e	GA			Mastitis prevention and treatment in dairy herds	Bartosz Pawliński DVM PhD Dr Sc	5	10		20			2	1	50	35
156	6	11	FVM-V-JMSS-11W-ED31_20	D	e	GA			Herd health management in small ruminants	Małgorzata Wierzbicka, PhD, DVM	5	10		15			1	1	35	30
Block BI: Advanced Imaging Electives [4 ECTS]																				
157	6	11	FVM-V-JMSS-11W-ED15_20	D	e	GA			Veterinary oncology	Dr Sławomir Giziński			15				1	1	15	15
158	6	11	FVM-V-JMSS-11W-ED16_20	D	e	GA			Ultrasound diagnostics in companion animals	Dr Sławomir Giziński		15					1	1	15	15
159	6	11	FVM-V-JMSS-11W-ED17_20	D	e	GA			Legal aspects of medical documentation	CANCELED	15						1	1	15	15
160	6	11	FVM-V-JMSS-11W-ED18_20	D	e	GA			Diagnostic imaging clinical cases	Tomasz Jasinski DVM		15					1	1	15	15
Block BII: Advanced Internal Medicine Electives [4 ECTS]																				
161	6	11	FVM-V-JMSS-11W-ED19_20	D	e	GA			Management of life-threatening situations in small animal anaesthesia	Dr n. wet. Agnieszka Wrzeńska			15				1	1	15	15
162	6	11	FVM-V-JMSS-11W-ED20_20	D	e	GA			Intensive care of dogs and cats	dr Magdalena Kalwas-Śliwińska	15						1	1	25	15
163	6	11	FVM-V-JMSS-11W-ED21_20	D	e	GA			Clinical endocrinology	dr Magdalena Kalwas-Śliwińska	15						1	1	25	15

164	6	11	FVM-V-JMSS-11W-ED22_20	D	e	GA	From symptoms to diagnosis - advanced course	dr Magdalena Kalwas-Śliwińska	15					1	1	25	15		
Block BIII: Reproduction and neonatology of dogs and cats [4 ECTS]																			
165	6	11	FVM-V-JMSS-11W-ED23_20	D	e	GA	Surgery of genital organs of dogs and cats (solo castration)	Professor Piotr Jurka PhD, DVM,		20				1	1	30	20		
166	6	11	FVM-V-JMSS-11W-ED24_20	D	e	GA	Neonatology of dogs and cats	Prof. dr hab. Piotr Jurka	15	15				2	2	45	30		
167	6	11	FVM-V-JMSS-11W-ED25_20	D	e	GA	Clinical pediatrics of dogs and cats	Prof. dr hab. Piotr Jurka	10	15				1	1	20	25		
Other Electives [10 ECTS]																			
168	6	11	FVM-V-JMSS-11W-ED26_20	D	e	GA	Communication and negotiations skills in veterinary	mgr Piotr Giegżno	5	10				1	1	30	15		
169	6	11	FVM-V-JMSS-11W-ED27_20	D	e	GA	Introduction to cynology and dog show essentials	CANCELED	12	2	1			1	1	25	15		
170	6	11	FVM-V-JMSS-11W-ED28_20	D	e	GA	Exotic animals medicine	Aleksandra Ledwoń PhD hab. DVM	24	6				2	1	45	30		
171	6	11	FVM-V-JMSS-11W-ED29_20	D	e	GA	Clinical course of exotic animal diseases (ZOO)	CANCELED DUE TO COVID-19	9			21		2	1	60	30		
172	6	11	FVM-V-JMSS-11W-ED30_20	D	e	GA	Management of veterinary practice	Dr hab. Mariusz Maciejczak	7	8				1	1	25	15		
173	6	11	FVM-V-JMSS-11W-ED09_20	D	e	GA	Equine diseases clinical cases	dr inż. Mariusz Maciejczak		8		7		1	1	30	15		
174	6	11	FVM-V-JMSS-11W-ED32_20	D	e	GA	Clinical anaesthesiology	dr Katarzyna Siewruk		15				1	1	25	15		
175	6	11	FVM-V-JMSS-11W-ED33_20	D	e	GA	Applied pharmacology of companion animals	prof. dr hab. Michał Jank	15					1	1	25	15		
176	6	11	FVM-V-JMSS-11W-ED34_20	D	e	GA	Rabbit and rodent dentistry	Dr Michał Wąsowicz	10	5	1			1	1	16	16		
177	6	11	FVM-V-JMSS-11W-ED04_20	D	e	GA	Clinical course of small animal surgery	dr hab. Beata Degórska		7.5	7.5			1	1	30	15		
ECTS social sciences:									0	ECTS electives:			60	ECTS total:		65	42	Curricular	1161

Total curricular hours excluding research project: **7021** including research project: **7471**

Total offered ECTS: **462** Social sciences: **17** Electives: **146**

No	Year	Sem.	New catalogue number	I			II		III		Person responsible for the module	Lectures	Practicals	Seminars	Field exercises	e-learning	ECTS	ECTS_k	Estimated hours for ECTS	Curricular hours	
				Type of the module (Basic/ Directional/ Social sciences)	Mandatory	Elective	General academic / Practical	Module													
178	6	11	FVM-V-JMSS-11W-ED35_20	B	e	GA	Individual research project			Vice-dean for International Studies		450				20	n/a	450	450		
Sum of hours:											0	450	0	0	0						
ECTS social sciences:											0	ECTS electives:			20	ECTS total:		20	5	Curricular hours	450