

FVM WULS-SGGW yearly curriculum hours

hours per semester

Semester 1		lectures	practical	total	ECTS
Anatomy	pass	30	60	90	8
Histology and embryology	pass	15	15	30	5
Cell biology	exam	15	15	30	2
Biology	pass	30		30	2
Information technology	pass		30	30	2
Biophysics	exam	30		30	2
Latin language	pass		30	30	2
Chemistry	exam	15	30	45	3
Molecular physiology of the cell	pass	15		15	1
Physical exercises	pass		30	30	1
*Electives				60	4
Ecophilosophy		30			
Psychology		30			
Bioethics		30			
Social communication		30			
Negotiations		30			
Principles of law		30			
TOTAL				420	32

*The electives may be different from displayed

hours per semester

Semester 2		lectures	practical	total	ECTS
Anatomy	exam	30	60	90	8
Histology and embryology	exam	30	30	60	5
Biochemistry	pass	15	45	60	4
General and veterinary genetics	pass	15	15	30	2
Environmental protection	pass	30		30	2
Biostatistics and archivisation	pass	15	15	30	2
Veterinary history and deontology	pass		30	30	2
Agronomy	pass	15		15	1
Physical exercises	pass		30	30	1
*Electives				30	2
Aquaristics	pass	30			
Basics of exotic animals breeding	pass	30			

TOTAL						405	29
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*The electives may be different from displayed

		hours per semester				
Semester 3		lectures	practical	total	ECTS	
Biochemistry	exam	30	45	75	6	
Animal physiology	pass	30	45	75	6	
Animal husbandry and breeding	exam	30	15	45	3	
Technology in animal production	pass	30		30	2	
Animal ethology, welfare and protection	pass	30		30	2	
Comparative anatomy	pass		45	45	4	
Veterinary economics	pass	15		15	1	
Foreign language	pass		60	60	2	
Microbiology	pass	30	45	75	5	
TOTAL				465	32	

		hours per semester				
Semester 4		lectures	practical	total	ECTS	
Animal physiology	exam	30	45	75	6	
Microbiology	exam	30	45	75	5	
Animal feeding and fodder	exam	30	30	60	4	
Veterinary epidemiology	pass		30	30	2	
Foreign language	pass		60	60	2	
Immunology	exam	15	30	45	4	
Topographical anatomy	pass	15	30	45	4	
Breeding practice				80	1	
*Electives				30	2	
Physiology of development	pass	15	15* semin			
Physiology of exercise	pass	30				
TOTAL				485	29	

*The electives may be different from displayed

hours per semester

Semester 5		lectures	practical	total	ECTS
Pathophysiology	exam	60	45	105	10
Pharmacology	pass	30	30	60	4
Pharmacy	pass	15		15	1
Parasitology and invasiology	pass	30	45	75	5
Pathomorphology	pass	30	45	75	8
Foreign language	pass		30	30	1
Electives				30	2
Clinical and laboratory diagnostics	pass	30	30	60	3
*Electives				30	2

Principles of determining drug resistance in bacteria and fungi	pass		15		
Bacteriological and mycological diagnostics of skin infections in dogs and cats	pass		15		
Virology	pass	15			
TOTAL				450	34

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hours per semester

Semester 6		lectures	practical	Total	ECTS
Pharmacology	exam	15	45	60	4
Pathomorphology	pass	30	45	75	8
General surgery and anesthesiology	pass	15	30	45	3
Diagnostic imaging	pass	15	45	60	3
Public health protection in emergencies	pass	15	15	30	2
Foreign language	exam		30	30	2
Parasitology and invasiology	exam	15	30	45	3
Clinical and laboratory diagnostics	exam	30	30	60	4
Honeybee diseases	pass	10	15	25	1
*Electives				30	2

From the symptom to the diagnosis – procedures in selected syndromes in dogs and cats

pass 15*semin

Disease diagnostics in the herd of

pigs	pass	15		
TOTAL			460	32

*The electives may be different from displayed

hours per semester

Semester 7		lectures	practical	Total	ECTS
Farm animals diseases	exam			245	15
Slaughter animals hygiene	pass	15	30	45	3
Pathomorphology	exam	30	30	60	8
Animal foodstuffs hygiene	pass	15	15	30	2
Fish diseases	pass	10	15	25	1
Milk hygiene	pass		30	30	2

*Electives 60 4

Applied pharmacology for practitioners – companion animals	pass		15		
Applied pharmacology for practitioners – farm animals	pass		15		
Practical pharmacology for medical representatives	pass		15		
Molecular basis of the influence of nourishment on the animal health	pass	15			
Bioavailability of microelements in the diet and the animal health	pass	15			
Basics of dogs behavior	pass	15	15 semin.		
TOTAL				480	

*The electives may be different from displayed

hours per semester

Semester 8		lectures	practical	Total	ECTS
Horse diseases	exam			185	12
Zoonoses	pass	15		15	1
Toxicology	exam	30	30	60	3
Andrology and insemination	pass	15	25	40	3

Slaughter animals hygiene	exam	15	45	60	4
Clinical practice				160	5
Veterinary inspection practice				80	2
TOTAL				615	32

hours per semester

Semester 9		lectures	practical	Total	ECTS
Dogs and cats diseases	exam			230	14
Dietetics	pass	15	15	30	1
Fur animals diseases	pass	10	15	25	1
Avian diseases	exam	45	45	90	6
Veterinary administration and legislation	pass	45		45	1
Foodstuffs of animal origin hygiene	pass	30	30	60	4
*Electives				30	2

Clinical toxicology of horses	pass	15	
Clinical toxicology of dogs and cats	pass	15	
Clinical toxicology of pigs and cattle	pass	15	
Toxicology of food and fodder	pass	15	

Laboratory diagnostics of small animals	pass	15	15
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Laboratory diagnostics of horses	pass	15	15
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Small animal cardiology	pass	15	
Electrocardiogram in small animals	pass	15 seminar	

complex laboratory tests in solving health problems in the herd of pigs	pass		15
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TOTAL				525	30
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hours per semester

Semester 10		lectures	practical	Total	ECTS
Forensic veterinary medicine	pass	15	15	30	2

Preventive medicine	exam	45	30	75	5
Avian diseases - rotation	pass			30	2
Farm animals diseases - rotation	pass			45	2
Dogs and cats diseases - rotation	pass			45	2
Horse diseases - rotation	pass			45	2
Foodstuffs of animal origin hygiene	exam	30	30	60	4
Clinical practice				160	5
Veterinary inspection practice				80	2
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*Electives					
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Clinical immunology	pass	30			
Diagnosis and eradication of bee diseases	pass	15	15		
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TOTAL				585	28

*The electives may be different from displayed

		hours per semester			
Semester 11		lectures	practical	Total	ECTS
Farm animal diseases - rotation	pass			45	2
Dogs and cats diseases - rotation	pass			45	2
Horse diseases - rotation	pass			45	2
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*Electives					
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Small ruminants diseases		15	30		
Exotic animals diseases		15	15		
Laboratory animals diseases		15			
Pigeons diseases			15		
Poultry diseases			15		
Game animals inspection		15	15		
Reproduction of pigs in modern systems of husbandry and breeding					
Management of cattle reproduction					
Selected problems of udder pathology		30	60		
Practical cardiology			30		
Accessory diagnostics tests in small animals reproduction		15			
Diseases of male genital organs and insemination of dogs and cats					
Solving problems of dogs and cats reproduction – a clinical approach		15	15		
Small animal surgery and ophthalmology		15	45		
Motion system surgery in small animals		15	30		
Neonatology		30			
Practice management		15	15		

Mammary gland diseases in bitches

30

TOTAL

210 19

*The electives may be different from displayed

11 semesters total

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