

**STUDY PLAN for the full time second cycle professional higher education in study program "Veterinary medicine"**  
**Starting from 2024./2025. study year, applies to both languages of the realisation of the programme - latvian and english**

N. p. k.	Code	Study subjects	Amount ECTS	1.course		2.course		3.course		4.course		5.course		6.course	
				1.sem.	2.sem.	3.sem.	4.sem.	5.sem.	6.sem.	7.sem.	8.sem.	9.sem.	10.sem.	11.sem.	12.sem.
				CTS/final assessment	CTS/final assessment	CTS/final assessment	CTS/final assessment	CTS/final assessment	CTS/final assessment	CTS/final assessment	CTS/final assessment	CTS/final assessment	CTS/final assessment	CTS/final assessment	CTS/final assessment
<b>1. General education courses</b>															
1.1	Jauns	Botany and Pharmacognosy	4.0	4.0											
1.2	Jauns	Physics	4.0	4.0											
1.3	Ķīmi1028	Inorganic Chemistry	3.0	3.0											
1.4	Ķīmi3016	Organic Chemistry	3.0	3.0											
1.5	Valo1030 or Valo1036 or Valo1053*	Professional English or Professional German or Latvian Language I*	3.0	3.0											
1.6	Jauns	Latin Language in veterinary medicine	3.0	3.0											
1.7	Ķīmi3004	Biochemistry	6.0		6.0										
1.8	Biol1014	Basics of Biometry	3.0		3.0										
1.9	Ekon2084	Theory of Economics	3.0			3.0									
<b>Total general education study courses:</b>			<b>32.0</b>	<b>20.00</b>	<b>9.00</b>	<b>3.00</b>	<b>0.00</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>2. Theoretical basic courses</b>															
2.1	Jauns; Jauns	Introduction to studies. Applied psychology I, II	4.0	2.0	2.0										
2.2	Jauns; Jauns; Jauns	Anatomy of the Domestic Animals I, II, III	15.0	4.0	6.0	5.0									
2.3	Jauns	Genetics	4.0		4.0										
2.4	Jauns; Jauns; Jauns	Forage Production and Animal Nutrition I, II, III	7.0		2.0	3.0	2.0								
2.5	Jauns; Jauns	Cell biology, Histology I, II	7.0		4.0	3.0									
2.6	Vete6022, Jauns	Physiology I, II	11.0			6.0	5.0								
2.7	Jauns, LauZ3142	Animal Husbandry I, II	7.0			4.0	3.0								
2.8	Jauns; Jauns; Jauns	Bacteriology, Mycology, Virology I, II, III	13.0			4.0	5.0	4.0							
2.9	Jauns, Biol1020, Jauns	Animal Biology, Ecology and Ethology I, II, III	10.0	4.0	3.0		3.0								
2.10.	Vete3008	Immunology	3.0				3.0								
2.11.	Jauns; Jauns; Jauns; Jauns	Pathology and Forensic Veterinary Medicine I, II, III, IV	17.0				3.0	7.0	5.0				2.0		
2.12.	Jauns	Ecology and Environmental Protection	2.0				2.0								
2.13.	Jauns; Jauns	Animal Welfare, Environment Hygiene I, II	6.0					3.0	3.0						
2.14.	Vete4105,Jauns; Jauns	Pharmacology, Pharmacotherapy and Toxicology I, II, III	10.0					6.0				2.0	2.0		
<b>Total theoretical basic courses:</b>			<b>116.0</b>	<b>10.0</b>	<b>21.0</b>	<b>22.0</b>	<b>27.0</b>	<b>22.0</b>	<b>8.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>4.0</b>	<b>0.0</b>	<b>0.0</b>
<b>3. Professional specialisation courses</b>															
3.1	Jauns, Vete5015	Organisation of Veterinary Services I, II	7.0									4.0	3.0		
3.2	Jauns	Labour and Civil Protection	2.0			2.0									
3.3	Vete4077, Vete4101	Radiology I, II	6.0					3.0	3.0						
3.4	Jauns; Jauns; Jauns	Clinical and Laboratory Diagnostics I, II, III	9.0				4.0	3.0	2.0						
3.5	Jauns; Jauns	Surgery Techniques and Topographical Anatomy I, II	8.0				4.0	4.0							
3.6	Vete4114	Anesthesiology and Emergency	3.0					3.0							
3.7	Jauns, Vete4109, Jauns	Internal Medicine, Herd Health I, II, III	15.0						5.0	6.0	4.0				
3.8	Jauns; Jauns	Parasitology and Parasitic Diseases I, II	9.0					6.0	3.0						
3.9	Jauns; Jauns	Small Animal Internal Medicine I, II	8.0						4.0	4.0					
3.10	Vete4023, Vete4024	Small Animal Surgery I, II	6.0						3.0	3.0					
3.11	Jauns	Animal Postmortem Necropsies	4.0						4.0						
3.12	Vete4045	Epidemiology	3.0						3.0						
3.13	Vete4096, Jauns	Animal Reproduction I, II	14.0							9.0	5.0				
3.14	Jauns; Jauns	Large Animal Surgery I, II	4.0								2.0	2.0			
3.15	Jauns; Jauns	Infectious Diseases I, II	9.0								5.0	4.0			
3.16	Vete4073, Jauns	Food Hygiene and Inspection I, II	7.0									3.0	4.0		
3.17	Jauns	Basics of Food Technology	3.0								3.0				
3.18	Jauns; Jauns	Diseases of Miscellaneous Animals I, II	8.0									4.0	4.0		
3.19	Vete4044	Foodborne Diseases	3.0										3.0		
3.20	Vete4117	Food Chain control	3.0										3.0		
3.21	Vete4103	Food Toxicology	3.0										3.0		
<b>Total professional specialisation courses:</b>			<b>134.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>0.0</b>	<b>8.0</b>	<b>19.0</b>	<b>27.0</b>	<b>22.0</b>	<b>23.0</b>	<b>16.0</b>	<b>17.0</b>	<b>0.0</b>
<b>4. Elective courses</b>															
<b>Total elective courses:</b>			<b>10.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>0.0</b>	<b>2.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>5. Professional practice</b>															
5.1	VeteP016	Physiology, Ethology and Welfare	3.0			3.0									
5.2	Jauns; Jauns; Jauns	Clinical Practice I, II, III	14.0						3.0		3.0	8.0			
5.3	VeteP028	Clinical Rotation	21.0												21.0
5.4	Jauns; Jauns	Large Animal Practice I, II	6.0							6.0					
5.5	VeteP014	Food Hygiene and Inspection	6.0							2.0	4.0				6.0
<b>Total professional practice:</b>			<b>50.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>6.0</b>	<b>3.0</b>	<b>8.0</b>	<b>6.0</b>	<b>21.0</b>
<b>6. Exams</b>															
6.1	Jauns; Jauns; Jauns	Diploma thesis I,II,III	18.0										2.0	7.0	9.0
<b>Total exams</b>			<b>18.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>7.0</b>	<b>9.0</b>
<b>TOTAL</b>			<b>360.0</b>	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>

Explanations: I - test \* The study course is realized for students studying in English

E - exam

Ia - test with a mark