

CURRICULUM OF THE FACULTY OF VETERINARY MEDICINE

I semester

Course name	Status	Weekly workload L/P (hours)	Final control E - exam CA - current assessment E* - test exam	Credits from auditory workload	Credits from extra-auditory workload	Total course credits	Total auditory workload hours
Mandatory courses							
1. Genetics and animal breeding	30/45	2/3	E	3	2	5	75
2. Zoology	15/15	1/1	E	1	1	2	30
3. Ecology	15/15	1/1	E	1	1	2	30
4. Chemistry	30/30	2/2	E	3	2	5	60
5. Cytology, histology and embryology	30/45	2/3		3	2	5	75
6. Anatomy	16/48	1/3.2		3	2	5	64
7. Latin	0/30	0/2		1	1	2	30
8. Foreign language	0/30**	0/2		1	1	2	30
9. Physical education and sport	0/60	0/4		1	1	2	60
Semester total						30	454
Elective courses							
1. History of veterinary medicine	15/0		E*	0,5	0,5	1	15
2. Computer studies	15/15		E*	1	1	2	30
Total for all disciplines with 1 chosen elective course for the semester						31	469
Total 454 h. (30.3 h. per week +2 h. from the elective courses)							

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II semester

Course name	Status	Weekly workload L/P (hours)	Final control E - exam CA - current assessment E* - test exam	Credits from auditory workload	Credits from extra-auditory workload	Total course credits	Total auditory workload hours
Mandatory courses							
1. Animal production	45/45	3/3	E	3	3	6	90
2. Botany	15/15	1/1	E*	1	1	2	30
3. Physics and biophysics	20/25	1.3/1.6	E	2	2	4	45
4. Latin	0/15	0/1	CA	1	1	2	15
5. Foreign language	0/45**	0/3	CA	2	1	3	45
6. Anatomy	32/48	2.1/3.2		3	2	5	80
7. Cytology, histology and embryology	45/45	3/3	E	3	3	6	90
8. Physical education and sport	0/60	0/4		1	1	2	60
Semester total						30	455
Elective courses							
1. Methods of taxidermy	3/12		E*	0.5	0.5	1	15
2. Organisation of the experiment	3/12		E*	0.5	0.5	1	15
Total for all disciplines with 1 chosen elective course for the semester						31	470
Cumulative credits with 2 electives per academic year. Auditory load per year.						62	939
Total 455 h. (30.3 h. per week) +1 h. from the elective courses							

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III semester

Course name	Status	Weekly workload L/P (hours)	Final control E - exam CA - current assessment E* - test exam	Credits from auditory workload	Credits from extra-auditory workload	Total course credits	Total auditory workload hours
Mandatory courses							
1. Nutrition and Agronomy	30/30	2/2	E	2	2	4	60
2. Anatomy	32/48	2.1/3.2	E	3	2	5	80
3. Zoohygiene, ethology, and animal protection	30/30	2/2	E	3	3	6	60
4. Physiology	30/45	2/3		3	2	5	75
5. Biochemistry	30/30	2/2		2	2	4	60
6. Immunology	30/15	2/1	E	1.5	1.5	3	45
7. Biostatistics	15/15	1/1	E*	1	1	2	30
8. Physical education and sport	0/60	0/4		1	1	2	60
Semester total						31	470
Elective courses							
1. Forage production	15/0		E*	0.5	0.5	1	15
2. Foreign language	0/30		CA	0,5	0,5	1	30
Total for all disciplines with 1 chosen elective course for the semester						32	500
Total 470 h. (31.3 h. per week) +2 h. from the elective courses							

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IV semester

Course name	Status	Weekly workload L/P (hours)	Final control E - exam CA - current assessment E* - test exam	Credits from auditory workload	Credits from extra-auditory workload	Total course credits	Total auditory workload hours
Mandatory courses							
1. Physiology	30/45	2/3	E	3	3	6	75
2. Biochemistry	30/30	2/2	E	2	2	4	60
3. Agroeconomics	15/15	1/1	E*	1	1	2	30
4. Functional Pathology	30/30	2/2	E	3	2	5	60
5. Microbiology	30/30	2/2		3	2	5	60
6. Molecular biology	20/20	1.3/1.3	E*	2	1	3	40
7. Ethology and animal protection	30/15	2/1	E	2	1	3	45
8. Physical education and sport	0/60	0/4	E	1	1	2	60
Semester total					30	430	
Elective courses							
1. VSE of forages	7/8		E*	0.5	0.5	1	15
2. Foreign language	0/30		CA	0.5	0.5	1	30
Total for all disciplines with 1 chosen elective course for the semester						31	460
Cumulative credits with 2 electives per academic year. Auditory load per year.						63	960
Total 430 h. (28.6 h. per week) +2h. from the elective courses							

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V semester

Course name	Status	Weekly workload L/P (hours)	Final control E - exam CA - current assessment E* - test exam	Credits from auditory workload	Credits from extra-auditory workload	Total course credits	Total auditory workload hours
Mandatory courses							
1. General pathology	30/30	2/2	E	2	2	4	60
2. Virology	30/30	2/2	E	2	2	4	60
3. Microbiology	30/30	2/2	E	2	2	4	60
4. Pharmacology and Pharmacy	30/45	2/3		3	2	5	75
5. Propaedeutics and clinical laboratory	30/30	2/2		2	2	4	60
6. Topographic anatomy	30/30	2/2	E	3	3	6	60
Semester total						27	375
Elective courses							
1. Cynology	15/0		E*	0.5	0.5	1	15
2. Endocrinology	9/6		E*	0.5	0.5	1	15
3. Hereditary diseases of domestic animals	15/0		E	0.5	0.5	1	15
Total for all disciplines with 1 chosen elective course for the semester						28	390
Total 375 h. (25 h. per week) +1 h. from the elective courses							

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VI semester

Course name	Status	Weekly workload L/P (hours)	Final control E - exam CA - current assessment E* - test exam	Credits from auditory workload	Credits from extra-auditory workload	Total course credits	Total auditory workload hours
Mandatory courses							
1. Pharmacology and Pharmacy	30/45	2/3	E	3	2	5	75
2. Propaedeutics and clinical laboratory	30/30	2/2	E	3	2	5	60
3. General Surgery	36/21	2.4/1.4	E	3	2	5	57
4. Reproduction of Animals	30/30	2/2	E	3	2	5	60
5. Pathological Anatomy	30/30	2/2		3	2	5	60
6. Dietetics	15/15	1/1	E*	1	1	2	30
Clinical training						6	160
Semester total						33	342
Elective courses							
1. Physiotherapy	7/8		E*	0.5	0.5	1	15
2. Clinical biochemistry	7/8		E*	0,5	0,5	1	15
Total for all disciplines with 1 chosen elective course for the semester						34	357
Cumulative credits with 2 electives per academic year. Auditory load per year.						62	699
Total 342 h. (22.8 h. per week) +1 h. from the elective courses (clinical training hours not included)							

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VII semester

Course name	Status	Weekly workload L/P (hours)	Final control E - exam CA - current assessment E* - test exam	Credits from auditory workload	Credits from extra-auditory workload	Total course credits	Total auditory workload hours
Mandatory courses							
1. Operative Surgery	30/15	2/1	E	2	2	4	45
2. Epidemiology and preventive medicine	30/30	2/2	E	2	2	4	60
3. Pathological anatomy	30/30	2/2	E	2	2	4	60
4. Parasitology (general part)	10/15	0.7/1	E*	1	1	2	25
5. Pharmacotherapy	20/0	1.3/0	E*	1	1	2	20
6. Obstetrics	30/30	2/2	E	2	2	4	60
7. Internal non-contagious diseases (general)	15/30	1/2		2	2	4	45
8. Professional ethics	10/5	0.6/0.3	E*	0.5	0.5	1	15
9. Biology and diseases of hydrobionts	15/15	1/1	E*	1	1	2	30
Semester total						27	360
Elective courses							
1. Veterinary Oncology	13/2		E*	0.5	0.5	1	15
2. Dermatology	15/0		E*	0.5	0.5	1	15
3. Assisted reproductive technologies in farm animals	9/6		E*	0,5	0,5	1	15
Total for all disciplines with 1 chosen elective course for the semester						28	375
Total 360 h. (24 h. per week) +1 h. from the elective courses (animal breeding practice hours not included)							

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VIII semester

Course name	Status	Weekly workload L/P (hours)	Final control E - exam CA - current assessment E* - test exam	Credits from auditory workload	Credits from extra-auditory workload	Total course credits	Total auditory workload hours	
Mandatory courses								
1. Infectious diseases (farm animals)	30/30	2/2.6		2	2	4	70	
2. Parasitic diseases	45/45	3/3		4	3	7	90	
3. Radiology	20/20	1.3/1.3	E	1	1	2	40	
4. Internal non-contagious diseases (general)	30/30	2/2	E	2	2	4	60	
5. Toxicology	15/30	1/2	E	2	2	4	45	
6. Anaesthesiology and emergency veterinary medicine	15/15	1/1	E*	1	1	2	30	
7. Biology and diseases of bees and silkworms	20/20	1.3/1.3	E*	2	1	3	40	
Clinical training						6	160	
Semester total						32	375	
Elective courses								
1. Tropical Diseases	30/0		E*	1	1	2	30	
2. Veterinary Dentistry	7/8		E*	0.5	0.5	1	15	
3. Neurology	11/4		E*	0.5	0.5	1	15	
Total for all disciplines with 1 chosen elective course for the semester						33	390	
Cumulative credits with 2 electives per academic year. Auditory load per year.						61	765	
Total 375 h. (25 h. per week) +1 h. from the elective courses (clinical training hours not included)								

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IX semester

Course name	Status	Weekly workload L/P (hours)	Final control	Credits from auditory workload	Credits from extra-auditory workload	Total course credits	Total auditory workload hours
Mandatory courses							
1. Infectious diseases (farm animals)	30/30	2/2	E	2	2	4	60
2. Parasitic diseases	20/30	1.3/2	E	2	2	4	50
3. Food safety	15/25	1/1.7		1.5	1.5	3	40
4. Non-contagious diseases of the companion animals	30/30 NC – 15/15 SUR-15/15	2/2		2	2	4	60
5. Non-contagious diseases of the farm animals	63/75 NC – 30/30 SUR-15/15 OB-18/30	4.2/5	E	4	3	7	138
6. Hygiene and technology of meat and meat products	30/45	2/3	E	3	2	5	75
7. Game diseases	14/6	0.9/0.4	E*	0.5	0.5	1	20
8. Mobile clinics	0/25	0/1.6		1	1	2	25
Semester total						30	468
Elective courses							
1. Lab control of foodstuffs	10/5		E*	0.5	0.5	1	15
2. Diseases of new-born animals	6/9		E*	0.5	0.5	1	15
3. Exotic animal surgery	7/8		E*	0.5	0.5	1	15
Total for all disciplines with 1 chosen elective course for the semester						31	483
Total 468 h. (31,2 h. per week) +1 h. from the elective courses							

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X semester

Course name	Status	Weekly workload L/P (hours)	Final control	Credits from auditory workload	Credits from extra-auditory workload	Total course credits	Total auditory workload hours
Mandatory courses							
1. Non-contagious diseases of odd-hoofed animals NCD-10/10; OBS-5/5; SUR-15/15	31/31	2.06/2.06	E	3	2	5	62
2. Forensic veterinary medicine	15/15	1/1	E*	1	1	2	30
3. Veterinary medical legislation, state veterinary medicine and public health	15/30	1/2	E*	2	2	4	45
4. Hygiene and technology of milk and dairy products	30/45	2/3	E	3	2	5	75
5. Food safety	15/20	1/1.3	E	1	1	2	35
6. Non-contagious diseases of companion animals	23/35 AK-8/20 X-15/15	1.5/2.3	E	2	1	3	58
7. Infectious diseases of companion animals	20/20	1.5/1.5	E*	2	1	3	40
8. Herd diagnostics	10/10	0.75/0.75		0.5	0.5	1	20
9. Mobile clinics	0/50	0/3.3		2	2	4	50
Semester total						29	415
Elective courses							
1. Clinical microbiology	9/6		E*	0.5	0.5	1	15
2. Eye surgery	7/8		E*	0.5	0.5	1	15
3. Management of private veterinary medical practice	15/0		E*	0.5	0.5	1	15
Total for all disciplines with 1 chosen elective course for the semester						30	430
Cumulative credits with 2 electives per academic year. Auditory load per year.						61	913
Total 413 h. (27.5 h. per week) +1 h. from the elective courses							
State stage						20	480

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State exams		credits
1. Food hygiene and inspection of foodstuffs, infectious diseases and parasitology.		20
2. Internal non-contagious diseases, surgery, Anaesthesiology and radiology, obstetrics, Reproduction and reproductive disorders.		20

	hours	credits
State stage after X semester	480	20

Total accumulated credits (with 10 elective courses) for the full course of tuition: 369

Note: All elective courses end with a test exam.

Courses with 15/15 workload or less are offered on a module basis and end with a test exam within the semester.

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Total number of hours from mandatory courses: 4142 hours

Total hours from mandatory and elective courses throughout the entire course of tuition: 4276 hours.

Total minimum of hours from elective courses : 150 hours (choosing two elective courses per academic year, 15 hours per semester).

Total number of hours from mandatory and elective courses, study practice, clinical training and state stage: 5076 hours.

Maximum number of hours from the offered 24 elective courses: 435 hours.

STATE EXAMS

- 1. Hygiene, technology and control of foods, infectious diseases and parasitology.**
- 2. Internal non-contagious diseases, surgery, anaesthesiology and radiology, obstetrics, reproduction and reproductive disorders.**

PRACTICAL TRAINING

Clinical training – 160 hours after the completion of VI semester, with a duration of 4 weeks.

Clinical training – 160 hours, after the completion of VIII semester, with a duration of 4 weeks.

State stage – 480 hours, after the completion of X semester, with a duration of 12 weeks.

**** Bulgarian language for the English language tuition programme – 60 hours per semester**

This Curriculum has been adopted by the Faculty Council of the FVM on 19 December 2016

Approved by the Academic Council of Trakia University on 25 January 2017.