

Curriculum (2009/10)

(Changes for 3rd and 4th semester are foreseen for the next year.)

Below you find the **core subjects listed**, for they content visit www.univet.hu.

For the list of available elective courses and their credits please contact the Secretariat or our homepage – in this booklet you'll find a general overview only. *Ad hoc* courses held by departments (guest lecturer, meeting etc.) cannot be accepted as credits if not indicated otherwise. For elective courses with limited number of participants a deposit of EUR 150,- might be asked for to ensure attendance. It will be refunded if the course was attended and the exam attempted. Credits, however, are granted only after the *successful exam* only.

The semester covers 15 weeks, one unit of instruction is a 45-minutes period.

PCG – Practical course grade; SFE – Semi-final examination, FE - Final examination

1st semester (1st year, Winter-term)

SUBJECT	LECTURES	WORKSHOPS	EXAM	Credit
Botany I	15	15	PCG	2
Chemistry I. (inorganic)	45	45	PCG	5
Anatomy I.	30	45	SFE	4
Histology I	30	30	SFE	3
Biology	30	0	SFE	2
Zoology	30	0	SFE	2
Biophysics	30	0	FE	2
	210h	135h		20

2nd semester (1st year, Spring-term)

SUBJECT	LECTURES	WORKSHOPS	EXAM	Credit
Botany II.	30	30	FE	3
Chemistry II. (organic)	45	30	FE	5
Anatomy II.	30	45	SFE	4
Histology II.	30	45	FE	5
Physiology I.	60	23	PCG	5
	195h	173h		22

3rd semester (2nd year, Winter-term)

SUBJECT	LECTURES	WORKSHOPS	EXAM	Credit
Anatomy III.	30	45	FE	7
Histology II.	30	45	FE	5
Biochemistry I.	30	23	PCG	3
Physiology I.	60	23	PCG	3
	150h	136h		18

4th semester (2nd year, Spring-term)

SUBJECT	LECTURES	WORKSHOPS	EXAM	Credit
Topographic & Applied Anat.	15	30	SFE	3
Biochemistry II.	60	30	FE	6
Physiology II.	60	30	FE	6
Animal Genetics	30	30	SFE	3
Informatics	15	30	SFE	1
Microbiology I+II (Bacter.+Virology)	90	30	PCG	3
	270h	180h		22

5th semester (3rd year, Winter-term)

SUBJECT	LECTURES	WORKSHOPS	EXAM	Credit
Animal Breeding	45	30	SFE	5
Laboratory Animal Science	15	8	SFE	2
Pharmacology I.	45	30	PCG	2
Pathology I.	60	30	SFE	4
Microbiology III. (Immunology)	45	30	FE	5
Patho- physiology	45	30	SFE	4
Library informatics	0	30	Sign.	1
	255h	188h		21

6th semester (3rd year, Spring-term)

SUBJECT	LECTURES	WORKSHOPS	EXAM	Credit
Pharmacology II.	30	30	FE	7
Pathology II.	30	45	PCG	2
Parasitology I.	45	30	PCG	2
Animal Nutrition + Dietetics I.	30	30	SFE	2
Clinical Diagnostics	37	30	SFE	4
Applied Ethology	30	0	SFE	2
	202h	165h		19

7th semester (4th year, Winter-term)

SUBJECT	LECTURES	WORKSHOPS	EXAM	Credit
Parasitology II.	30	30	FE	5
Animal Nutrition + Dietetics II.	45	30	FE	6
Pathology III.	15	45	PCG	2
Surgery I.	24	30	SFE	3
Veterinary Medicine I.	45	30	PCG	2
Toxicology	30	0	SFE	1
Fish Hygiene and Diseases	24	0	SFE	2
Bee Hygiene and Health	12	0	SFE	1
	225h	165h		23

+ obligatory clinical practice (day and night shifts) with small and large animals

8th semester (4th year, Spring-term)

SUBJECT	LECTURES	WORKSHOPS	EXAM	Credit
Pathology IV.	15	45	FE	8
Surgery II.	36	30	PCG	2
Veterinary Medicine II.	52	30	PCG	3
Obstetrics & Reproduction I.	45	45	SFE	3
Animal Hygiene + Herd Health I.	30	30	PCG	2
Pet Animal Diseases	24	0	SFE	3
Food-Hygiene I.	45	30	SFE	3
Agrareconomics	45	0	SFE	2
	292h	210h		26

+ obligatory clinical practice (day and night shifts) with small and large animals

9th semester (5th year, Winter-term)

SUBJECT	LECTURES	WORKSHOPS	EXAM	Credit
Surgery III.	36	45	PCG	2
Veterinary Medicine III.	36	15	FE	8
Obstetrics & Reproduction II.	45	45	PCG	2
Animal Hygiene + Herd Health II.	60	0	FE	4
Food-Hygiene II.	30	30	PCG	1
State Vet. Medicine I.	30	0	Sign	
Forensic Vet. Med. I.	15	0	Sign.	
Epizootiology & infectious diseases I.	75	15	Sign.	
	327h	150h		17

+ obligatory clinical practice (day and night shifts) with small and large animals

10th semester (5th year, Spring-term)

(The semester covers 10 weeks of teaching at the campus followed by an extramural practice.)

SUBJECT	LECTURES	WORKSHOPS	EXAM	Credit
Surgery IV.	12	9	FE	8
Obstetrics & Reproduction III.	30	30	FE	8
Forensic Vet. Med. II.	20	0	FE	4
State Vet. Medicine II.	30	0	State exam	
Food-Hygiene III.	30	0	State exam	
Epizootiology & infectious diseases II	60	20	State exam	
	182h	59h		20

+ obligatory clinical practice (day and night shifts) with small and large animals

Extramural practicals following

- Semester 4: Animal breeding, 2 weeks
- Semester 6: Animal nutrition, 2 weeks
- Semester 8: Polyclinical pract., 4 weeks
- Semester 10:
 - Food Hygiene, 3 weeks
 - Laboratory diagnostics, 3 weeks
 - Vet. Administration, 2 weeks

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title	for students after *	hours/credits	course organiser	Winter/Spring	remark
Hot topics in human nutrition	final exam in Nutrition	15h, 3 credits	Prof. S. Fekete	Winter	
Assisted reproduction techniques in animals	6 th semester	30h, 6 credits	Prof. L. Solti	Winter	
Operation techniques. Manual practice on canine cadavers	6 th semester	5 + 10h, 6 credits	Dr. F. Szalay	Winter	limited particip.
Special topics and demonstrations in small animals	8 th semester	3x5h, 9 credits	Dr. Á. Sterczner	Winter	limited particip.
Ultrasound-diagnostics in dogs and cats	8 th semester	15h, 6 credits	Dr. F. Manczur	Winter	
Diagnostic imaging in small animals	8 th semester	20h, 6 credits	Dr. F. Manczur	Winter	
Special operative procedures in small animal soft tissue surgery	8 th semester	10+5h, 6 credits	Dr. T. Németh	Winter	limited particip.
Wildlife ecology and management	1 st semester	30h, 6 credits	Dr. P. Kabai	Spring	
Selected chapters of human anatomy	1 st semester	15h, 3 credits	Prof. F. Hajós	Spring	
Selected topics of vet. nuclear medicine	5 th semester	24h, 4 credits	Dr. L. Balogh	Spring	
The horse in the farriers view	5 th semester	15h, 3 credits	Dr. B. Gerics	Spring	
Pharmacotherapeutics	final exam in Pharmacology	15h, 4 credits	Prof. G. Semjén	Spring	
Nutrition and dietetics of pets	final exam in Nutrition	15h+5h, 4 credits	Prof. S. Fekete	Spring	
Operation techniques. Manual practice on canine cadavers – soft tissues	7 th semester	5 + 10h, 6 credits	Dr. F. Szalay	Spring	limited particip.
Aquaculture hygiene – Intensive fish culture	semi-final in Fish Hygiene	20h, 5 credits	Dr. F. Baska	Spring	
Clinical endocrinology	9 th semester	30h, 6 credits	Prof. Gy. Huszenicza	Spring	limited particip.
Clinical pathology	9 th semester	20h, 5 credits	Prof. T. Gaál	Spring	limited particip.
Animal welfare	9 th semester	15h, 3 credits	Dr. Cs. Csintalan	Spring	
Dermatology of the dog and cat	Final exam in Internal Med.	18 + 2h, 4 credits	Dr. N. Tarpataki	Spring	

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All courses provided have a prerequisite for participation. It is either an exam passed previously or a certain semester completed. Students in higher classes are also welcome to attend courses offered for students in lower classes.