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Curriculum

Year of study : 1 2016/2017

I. Compulsory disciplines

Nr.	Disciplines	code	1-st semester (14 weeks)						2-nd semester (14 weeks)						hours /year	credits		
			hours/week						Nr.ore/săptămână									
			C	S	L	P	Cr	FV	C	S	L	P	Cr.	FV				
1	Animal biology and ecology	DB	0414010101	2		2		4	E								56	4
2	Vegetal biology	DB	0414010102							1		2		3	E		42	3
3	Physics/Biophysiscs	DB	0414010103	2		2		4	E								56	4
4	Comparative anatomy 1	DF	0414010104	2		3		5	E								70	5
5	Comparative anatomy 2	DF	0414010105							2		3		6	E		70	6
6	Chemistry/Biochemistry 1	DB	0414010106	3		2		6	E								70	6
7	Chemistry/Biochemistry 2	DB	0414010107							3		2		6	E		70	6
8	Biomedical statistics	DB	0414010108							2		1		2	V		42	2
9	Cell biology	DF	0414010109	1		2		2	E								42	2
10	Histology and embriology 1	DF	0414010110							2		3		5	E		70	5
11	Genetics	DF	0414010111							2		2		4	E		56	4
12	Agronomy	PA	0414010112	1		1		1	V								28	1
13	Communication techniques	OU	0414010113							1	1			1	V		28	1
14	Career development	OU	0414010114	1	1			1	V								28	1
15	Sports 1	OU	0414010115			1		1	V								14 [1]	1
16	Sports 2	OU	0414010116									1		1	V		14	1
17	Romanian language and culture 1	OU	0414010117	1	1			2	V								28	2
18	Romanian language and culture 2	OU	0414010118							1	1			2	V		28	2
<i>Total: hours/credits/week</i>				13	2	13		26		14	2	14		30			812	56
19	Practice- intramural		0414010119							1 week 30 hours			2	V		30 [2]	2 [3]	
20	Practice - extramural		0414010120							2 weeks 60 hours			2	V		60	2	
Total / year							28	26				30	34			902	60	

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I. Compulsory disciplines

Nr.	Disciplines	code	3-rd semester (14 weeks)						4-th semester (14 weeks)						hours /year	credits		
			hours/week						hours/week									
			C	S	L	P	Cr	FV	C	S	L	P	Cr.	FV				
1	Comparative anatomy 3	DF	0414020101	2		3		4	E								70	4
2	Comparative anatomy 4	DF	0414020102							2		3		4	E		70	4
3	Physiology 1	DF	0414020103	2		3		4	E								70	4
4	Physiology 2	DF	0414020104							2		3		4	E		70	4
5	Histology, embriology 2	DF	0414020105	2		3		4	E								70	4
6	Biochemistry/Molecular biology	DF	0414020106	2		2		4	E								56	4
7	Ereditary diseases and molecular genetics	SC	0414020107	2				1	E								28	1
8	Animal breeding	PA	0414020108	2		2		3	V								56	3
9	Animal production systems 1	PA	0414020109							2		2		4	V		56	4
10	Nutrition, feeding, fodder quality control 1	PA	0414020110	2		2		4	V								56	4
11	Nutrition, feeding, fodder quality control 2	PA	0414020111							2		2		3	E		56	3
12	Microbiology 1	DF	0414020112	2		2		4	V								56	4
13	Microbiology 2	DF	0414020113							2		2		4	E		56	4
14	Animal hygiene and environment protection	PA	0414020114							2		2		4	E		56	4 [4]
15	Romanian language and culture 3	OU	0414020115	1	1			1	V								28	1
16	Sports 3	OU	0414020116			1		1	V								14	1
17	Sports 4	OU	0414020117									1		1	V		14	1
<i>Total: hours/credits/week</i>				17	1	18		30		12		15		24			882	54
8 [5]	Practical works 2		0414020118							3 weeks - 90 h			4	V		90	4	

II. Optional disciplines

19	Biochemistry of the tissular metabolism	SC	0414020219							2		1		2	V		42	2
20	Veterinary mycology	SC	0414020220							2		1		2	V			
21	Laboratory animal biology, breeding and pathology	PA	0414020221							2		1		2	V			
<i>Total: hours/credits/week</i>											2		1		2			
Total / year							36	30				30	30			1014	60	

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I. Compulsory disciplines

Nr.	Disciplines	code	5-th semester (14 weeks)						6-th semester (14 weeks)						hours /year	credits		
			hours/week						hours/week									
			C	S	L	P	Cr	FV	C	S	L	P	Cr.	FV				
1	Etology, animal welfare and protection	PA	0414030101	2		2		3	V								56	3
2	Epidemiology	DF	0414030102							2		2		2	V		56	2
3	Imunology	DF	0414030103	2		2		4	E								56	4
4	Parasitology and parasitic diseases 1	SC	0414030104							2		2		4	E		56	4
5	Pharmacology and pharmacy 1	DF	0414030105	2				4	E								56	4
6	Pharmacology and pharmacy 2	DF	0414030106							2		2		4	E		56	4

7	Pathological anatomy 1	SC	0414030107	2		3	4	E							70	4
8	Pathological anatomy 2	SC	0414030108						2		3	4	E		70	4
9	Pathophysiology 1	DF	0414030109	2		2	4	E						56	4	
10	Pathophysiology 2	DF	0414030110						2		2	3	V	56	3	
11	Propaedeutics and surgical techniques 1	SC	0414030111	2		2	4	V						56	4	
12	Anesthesiology and resuscitative therapy	SC	0414030112						1		2	2	E	42	2	
13	Semiology 1	SC	0414030113	2		2	4	E						56	4	
14	Semiology 2	SC	0414030114						2		2	4	E	56	4	
15	Animal production systems 2	PA	0414030115	2		2	4	V						56	4	
[6]	<i>Total: hours/credits/week</i>			16		17	31		13		15	23		854	54	
16	Practical works 3		0414030116						3 weeks - 90 h			4	V	90	4	
II.Optional disciplines																
17	Veterinary oncology	SC	0414030217						1		2	2	V			
18	Citology and hematology	SC	0414030218						1		2	2	V	42		2
<i>Total: hours/credits/week</i>									1		2	2				
<i>Total / year</i>						36		31			31		29		986	60

III.Non-compulsory disciplines (supplementary credits)

19	Pet breeding	PA	0414030319				1		2		1	1	V			
20	Molecular medicine	DF	0414030320	1		1		V								

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I. Compulsory disciplines

Nr.	Disciplines	code	7-th semester (14 weeks)						8-th semester (14 weeks)						hours /year	credits	
			hours/week						hours/week								
			C	S	L	P	Cr	FV	C	S	L	P	Cr.	FV			
1	Parasitology and parasitic diseases 2	SC	0414040101	2		2		4	E						56	4	
2	Parasitology and parasitic diseases 3	SC	0414040102							2		2	3	V	56	3	
3	Propaedeutics and surgical techniques 2	SC	0414040103	2		2		4	V						56	4	
4	Internal medicine and pathology 1	SC	0414040104	2		3		4	E						70	4	
5	Internal medicine and pathology 2	SC	0414040105							2		3	4	E	70	4	
6	Surgical clinics and pathology 1	SC	0414040106							2		2	4	E	56	4	
7	Infectious diseases 1	SC	0414040107	2		2		4	E						56	4	
8	Infectious diseases 2	SC	0414040108							2		2	4	E	56	4	
9	Physiology of reproduction	SC	0414040109	2		2		3	E						56	3	
10	Veterinary obstetrics	SC	0414040110							2		2	3	E	56	3	
11	Food hygiene, quality and technology 1	IA	0414040111	2		2		4	E						56	4	
12	Food hygiene, quality and technology 2	IA	0414040112							2		2	4	V	56	4	
13	Medical imaging	SC	0414040113	3		2		4	V						70	4	
14	General veterinary therapeutics	DF	0414040114							1		1	1	V	28	1	
15	Veterinary toxicology 1	DF	0414040115							2		2	4	E	56	4	
<i>Total: hours/credits/week</i>				15	0	15	0	27	0		15	0	16	0	27	854	54
16	Practice 4		0414040116							3 weeks- 90 h			4	V	90	4	

II.Optional disciplines

17	Veterinary orthopaedics and traumatology	SC	0414040217	2		1		2	V						42	2	
18	Biotechniques in reproduction	SC	0414040218	2		1		2	V								
<i>Total: hours/credits/week</i>				2		1		2									
<i>Total / year</i>						33		29				31		31		986	60

III.Non-compulsory disciplines (supplementary credits)

19	Safety of apiarian and piscicultural products	IA	0414040319							1		2	1	V		
20	Bioethics -animal experiments [7]	OU	0414040320							1			1	V		
21	In vitro fertilisation and embryo transfer	OU	0401040321							1			1	V		

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I. Compulsory disciplines

Nr.	Disciplines	code	9th semester (14 weeks)						10 th semester (14 weeks)						hours /year	Nr. credits
			hours/week						hours/week							
			C	S	L	P	Cr	FV	C	S	L	P	Cr.	FV		
1	Internal medicine and pathology 3	SC	0414050101	2		3		4	E						70	4
2	Internal medicine and pathology 4	SC	0414050102							2		3	4	E	70	4
3	Surgical clinics and pathology 2	SC	0414050103	2		3		4	E						70	4
4	Surgical clinics and pathology 3	SC	0414050104							2		3	4	E	70	4
5	Infectious diseases 3	SC	0414050105	2		3		4	E						70	4
6	Infectious diseases 4	SC	0414050106							2		3	4	E	70	4
7	Pathology of reproduction 1	SC	0414050107	2		3		4	E						70	4
8	Pathology of reproduction 2	SC	0414050108							2		3	4	E	70	4
9	Inspection and control of animal foods and products 1	IA	0414050109	2		3		4	E						70	4
10	Inspection and control of animal foods and products 2	IA	0414050110							2		3	4	E	70	4
11	Preventive medicine	SC	0414050111							2			2	V	28	2
12	Veterinary dermatology	SC	0414050112							2		2	4	V	56	4
13	Veterinary toxicology 2	DF	0414050113	2		2		4	V						56	4
14	Emergency veterinary medicine	SC	0414050122	2		2		4	V						56	4

	<i>Total: hours/credits/week</i>			14	19	28	14	17	26	896						
15	Practical works 5		0414050114				3 sapt. - 90 ore			4	V	90	54			
II.Optional disciplines																
16	Game & exotic animal breeding and pathology	PA	0414050215				2	1	2	V						
17	Fish breeding and pathology	SC	0414050216				2	1	2	V	42	2				
18	Etopathology	SC	0414050217				2	1	2	V						
<i>Total: hours/credits/week</i>																
<i>Total / year</i>																
				33	27	34			32	1028	60					
III.Non-compulsory disciplines (supplementary credits)																
19	Reconstructive surgery	SC	0401050318				1	2	1	V						
20	Driving 1	OU	0401050319	1	2	1	V									
21	Ophthalmology	SC	0401050320	1	2	1	V									
22	Driving 2	OU	0401050321				1	2	1	E						
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Year of study : 6 2016/2017																
Nr.	Disciplines	code	1-st semester (14 weeks)						2-nd semester (12 weeks)						hours /year	credits
			hours/week													
			C	S	L	P	Cr	FV	C	S	L	P	Cr.	FV		
I. Compulsory disciplines																
1	Veterinary legislation, deontology and ethics	DF	0414060101	1	1		2	V					28	2		
2	Necropsy and forensic medicine 1	SC	0414060102	1	2	2	V						42	2		
3	Clinical laboratory	SC	0414060103	1	1	2	V						28	2		
4	Necropsy and forensic medicine 2	SC	0414060104						1	2	3	V	36	3		
Module 1- Companion animals clinics*																
5	Companion animals- clinics 1*	SC	0414060105	3	3	4	V						84	4		
6	Companion animals- clinics 2*	SC	0414060106						3	4	V		36	4		
7	Equine- clinics 1*	SC	0414060107	2	2	4	V						56	4		
8	Equine- clinics 2*	SC	0414060108						2	4	V		24	4		
Module 2- Farm animals clinics**																
9	Ruminants-clinics 1**	SC	0414060109		3	3	V						42	3		
10	Ruminants-clinics 2**	SC	0414060110					3	3	4	V		72	4		
11	Swine- clinics 1**	SC	0414060111		1	2	V						14	2		
12	Swine- clinics 2**	SC	0414060112					1	1	2	V		24	2		
13	Aviary and leporids-clinics 1**	SC	0414060113		1	2	V						14	2		
14	Aviary and leporids-clinics 2**	SC	0414060114					1	1	2	V		24	2		
15	Veterinary management and marketing	DF	0414060115	1	1	1	E						28	1		
16	Veterinary public health	SC	0414060116	1	2	2	E						42	2		
17	Rural economy	OU	0414060117					1	1	1	V		24	1		
<i>s/week</i>				10	1	16	24	7	13	20	618	44				
18	Practice in veterinary units and in FMV's ER/Hospital	SC	0414060118					2 sapt - 42 ore			4	E	42	4		
19	Drafting of the thesis	SC	0414060119								10	V		10		
II.Optional disciplines																
20	Diethetics (nutrition)	SC	0414060220	1	2	2	V						42	2		
21	Veterinary cardiology	SC	0414060221	1	2	2	V									
22	Clinics and pathology of the new pet species	SC	0414060222	1	2	2	V									
<i>Total: hours/credits/week</i>				1	2	2										
Total / year				30	26	20	24	702	60							
Graduation exam-15 supplimentary credits																
C-lecture S-seminars L-laboratory P-project E-exam V-on course evaluation																
TOTAL 5618																

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[4] manual

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[6] manual

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