

1st AY

SUBJECT	Module	ECTS	Type of activity	Final assessment
Physics, statistics and computer science applied to veterinary medicine (8 ECTS)	Physics applied to biology and medicine	3	Base	Exam
	Statistics for vet. medicine	3	Charact.	
	Elements of computer science for Vet. medicine	2	Charact.	
Animal Biology (5 ECTS)	Mendelian inheritance in the animals	3	Base	Exam
	Zoology	2	Base	
General biochemistry (11 ECTS)	Organic and general chemistry	3	Base	Exam
	Biochemistry propaedeutic	3	Base	
	Applied and general biochemistry	5	Base	
Veterinary histology, general and special embryology (5 ECTS)		5	Base	Exam
Anatomy of domestic animals (17 ECTS)	Osteo-arthro-myology	3	Base	Exemption
	General anatomy (reference species equine)	6	Base	Exam
	Anatomy of ruminants	3	Base	
	Anatomy of carnivores and swine	3	Base	
	Anatomy of volatile and lab animals	2	Af/int??	
Veterinary biochemistry and molecular biology (5 ECTS)	Systematic and comparative vet. biochemistry	2	Base	Exam
	Molecular biology	3	Base	
Agronomy and economy (6 ECTS)	Environmental botany and applied to veterinary medicine	2	Base	Exam
	Rural economy and valuation??	2	Af/int	
	Agronomy and crops herbaceous	2	Af/int	
Green week - Basal course		1	Other	Assessment

2nd AY

SUBJECT	module	ECTS	Type of activity	Final assessment
General and special veterinary physiology (16 ECTS)	Veterinary physiology I	6	Base	Exemption
	Veterinary physiology II	3	Base	Exam
	Veterinary physiology III	3	Base	
	Veterinary endocrinology	4	Base	
Special zootechnics and biotechnology applied to livestock production (5 ECTS)		5	Charact.	Exam
Veterinary microbiology and immunology		5	Charact	Exam
General vet. Pathology (8 ECTS)	General vet. pathology	4	Charact	Exam
	General vet. Immunology	2	Charact	
	General vet. morphopathology	2	Charact	
Parasitology and parasitic diseases of domestic animals* (9 ECTS)	Parasitology of domestic animals	5	Charact	Exemption
General zootechnics e genetic improvement*	Veterinary genetic	3	Charact	Exam
	Molecular genetic applied to domestic animals	2	Charact	
	Genetic evaluation of Livestock animals in zootechnics production???	2	Charact	
Food and animal nutrition* (9 ECTS)	Food and animal nutrition I	4	Charact	Exemption
Infectious diseases, and preventive medicine* (10 ECTS)	Veterinary epidemiology	2	Charact	Exemption
Green week - Advanced course		1	Other	assessment

3rd AY

SUBJECT	module	ECTS	Type of activity	Final assessment
Parasitology and parasitic diseases of domestic animals* (9 ECTS)	Parasitic diseases of domestic animals	4	Charact.	Exam
Veterinary pharmacology and toxicology (10 ECTS)	General and special vet. pharmacology	5	Charact.	Exemption
	Pharmacologic basis of analgesic therapy	1	Charact.	
	Toxicology of small animals	2	Charact.	Exam
	Toxicology of large animals	2	Charact.	
Vet. Pathological anatomy* (13 ECTS)	Vet. Pathological anatomy I	4	Charact.	Exemption
	Vet. Pathological anatomy II	4	Charact.	Exemption
Food and animal nutrition* (9 ECTS)	Food and animal nutrition II	5	Charact.	Exam
Hygiene, technology and microbiology of foods (8 ECTS)	Food microbiology	2	Charact.	Exam
	Technology of animal productions	3	Charact.	
	Food hygiene	3	Charact.	
Vet. Special pathology and internal medicine I* (10 ECTS)	Clinical methodology of small an.	1	Charact.	Exemption
	Clinical methodology of large an.	1	Charact.	
Infectious diseases and preventive medicine* (10 ECTS)	Infectious diseases of large an.	4	Charact.	Exam
	Infectious diseases of small an.	2	Charact.	
	Tropical vet pathology	2	Charact.	
Vet. Pathology and surgical semeiotics* (9 ECTS)	Vet. Surgical pathology	3	Charact.	Exemption
Functional semeiotic in Vet. medicine (6 ECTS)	Clinical biochemistry	3	Charact.	Exam
	Laboratory diagnostic in clinical practice	3	Charact.	
ADE: elective didactic activities		1	Chosen by students	Assessment
Red week - base (OVUD)		1	Other	Assessment

4th AY

SUBJECT	module	ECTS	Type of activity	Final assessment
Vet. Pathological anatomy* (13 ECTS)	Vet. Pathological anatomy III	5	Charact.	Exam
Vet. Pathology and surgical semeiotics* (9 ECTS)	Vet. Surgical semeiotic	3	Charact.	Exam
	Vet. Radiology and nuclear medicine	3	Charact.	
Food inspection, certification, and control of meat production (7 ECTS)		7	Charact.	Exam
Vet. special pathology and internal medicine I* (10 ECTS)	Semeiotics and medical pathology of small an.	3	Charact.	Exam
	Semeiotics and medical pathology of large an.	3	Charact.	
	Clinical and comparative hematology	2	Charact.	
Avian pathology and vet. Public health (4 ECTS)		4	Charact.	Exam
Special pathology and vet. Internal medicine II* (12 ECTS)	Veterinary forensic medicine, veterinary legislation, animal protection e ethics	2	Charact.	Exemption
Vet. Surgery I (7 ECTS)	Vet. Anesthesia	2	Charact.	Exam
	Imaging diagnostic	3	Charact.	
	Operative medicine	2	Charact.	
Vet. gynecology and andrology I (9 ECTS)	Reproductive pathophysiology and assisted insemination large animals	4	Charact.	Exam
	Andrology and andrological clinic of large animals	2	Charact.	
	Reproductive pathophysiology and assisted insemination small animals	3	Charact.	
Ethology and animal welfare (5 ECTS)	Ethology and animal welfare	2	Charact.	Exam
	Health indicators of animal welfare	1	Charact.	
	Animal welfare in transport and slaughter	1	Charact.	
	Wellbeing in zootechnical productions	1	Charact.	
Red week - advanced (OVUD) - mandatory for 4 th AY		1	Other	Assessment
Mobile clinic - 5 mandatory visits to barns		1	Other	Assessment
Parasitology PRE-tirocinio (preliminary internship)		1	Other	Assessment
Pathological anatomy PRE-tirocinio (preliminary internship)		2	Other	Assessment
ADE: elective didactic activities		2	Chosen by students	Assessment

5th AY

SUBJECT	Module	ECTS	Type of activity	Final assessment	
Vet. Surgery II (8 ECTS)	Surgery and emergency surgery for small animals	3	Charact.	Exam	
	Surgery and emergency surgery for large animals	3	Charact.		
	Orthopedic surgery	2	Charact.		
Vet. gynecology and andrology II (5 ECTS)	Obstetrics and Gynecology of large animals	3	Charact.	Exam	
	Obstetrics and Gynecology of large animals	2	Charact.		
Special pathology and vet. Internal medicine II* (12 ECTS)	Clinics and therapy of small animals	4	Charact.	Exam	
	Clinics and therapy of large animals	4	Charact.		
	Dietology	2	Charact.		
Traineeship (30 ECTS)	Food inspection, control and certification of meat production		7,5	Other	Assessment
	Zootechnic I-II (7,5 ECTS)	Zootechnic I	2	Other	Assessment
		Zootechnic II	5,5	Other	
	Avian pathology		2,5	Other	Assessment
	Vet. Internal medicine AND?? (5 ECTS)	Internal medicine I	2	Other	Assessment
		Internal medicine II	2	Other	
		Internal medicine III	1	Other	
	Vet. Surgery (5 ECTS)	Surgery large an.	2	Other	Assessment
		Surgery small an.	3	Other	
	Vet. obstetrics and gynecology		2,5	Other	Assessment
	ADE: elective didactic activities		4	Chosen by students	Assessment
English		3		Exam	

*= indicates courses extending over more AYs