

Or Th Pr Au Cr

## A single year

### List of Phd courses

#### Clinical department for pets and equines

		Or	Th	Pr	Au	Cr
VDOC0003-1	<i>Diagnostic and therapeutic procedures in internal medicine of pets, Nephrology/urology part - [15h Clin.]</i>		-	-	[+]	3
VDOC0003-2	<i>Diagnostic and therapeutic procedures in internal medicine of pets, Otorhinolaryngology part - Cécile CLERCX - [15h Clin.]</i>	TA	-	-	[+]	3
VDOC0003-3	<i>Diagnostic and therapeutic procedures in internal medicine of pets, Pneumology part - Cécile CLERCX - [15h Clin.]</i>	TA	-	-	[+]	3
VDOC0003-4	<i>Diagnostic and therapeutic procedures in internal medicine of pets, Oncology part - Cécile CLERCX - [15h Clin.]</i>	TA	-	-	[+]	3
VDOC0001-1	<i>Complement of respiratory pathologies in pets - Cécile CLERCX - [30h Clin.]</i>	TA	-	-	[+]	3
VDOC0002-1	<i>Complement of pets oncology - Cécile CLERCX - [30h Clin.]</i>	TA	-	-	[+]	3
VDOC0005-1	<i>Surgical pathologies of soft tissues in pets, General surgery part</i>		20	-	-	3
VDOC0005-2	<i>Surgical pathologies of soft tissues in pets, Abdominal surgery part - Annick HAMAIDE</i>		20	-	-	3
VDOC0005-3	<i>Surgical pathologies of soft tissues in pets, Thoracic surgery part</i>		20	-	-	3
VDOC0005-4	<i>Surgical pathologies of soft tissues in pets, Urinary surgery part - Annick HAMAIDE</i>		20	-	-	3
VDOC0005-5	<i>Surgical pathologies of soft tissues in pets, Skin surgery part - Annick HAMAIDE</i>		20	-	-	3
VDOC0005-6	<i>Surgical pathologies of soft tissues in pets, Obstetric surgery part</i>		20	-	-	3
VDOC0005-7	<i>Surgical pathologies of soft tissues in pets, ENT surgery part - Annick HAMAIDE</i>		20	-	-	3
VDOC0005-8	<i>Surgical pathologies of soft tissues in pets, Maxillofacial surgery part - Annick HAMAIDE</i>		20	-	-	3
VDOC0005-9	<i>Surgical pathologies of soft tissues in pets, Cardiac surgery part</i>		20	-	-	3
VDOC0050-1	<i>Surgical pathologies of soft tissues in pets, part microvascular surgery, Microvascular surgery part</i>		20	-	-	3
VDOC0050-2	<i>Surgical pathologies of soft tissues in pets, part microvascular surgery, Part on oncological surgery</i>		20	-	-	3
VDOC0004-1	<i>Complement of urodynamic in pets - Annick HAMAIDE</i>		20	-	-	3
VDOC0006-1	<i>Supplementary coleoscopy in pets</i>		20	-	-	3
VDOC0007-1	<i>Supplementary diagnostic and therapeutic approaches to surgery on pets - Marc BALLIGAND, Annick HAMAIDE</i>		80	-	-	3
VDOC0008-1	<i>Supplementary medicine for rabbits for production and hygiene monitoring of rabbit farms - Didier MARLIER</i>	TA	10	-	-	3
VDOC0009-1	<i>Supplementary medicine for rabbits and pet rodents - Didier MARLIER</i>	TA	10	-	-	3
VDOC0010-1	<i>Supplementary medicine for pet birds - Didier MARLIER</i>	TA	10	-	-	3
VDOC0011-1	<i>Supplementary medicine for poultry and birds of production - Didier MARLIER</i>	TA	10	-	-	3
VDOC0012-1	<i>Complements of pets cardiology - Kathleen MC ENTEE - [24h Clin.]</i>		-	-	[+]	3
VDOC0013-1	<i>Electrophysiology, pressure-volume loops and neurohormonal regularisation of cardiac insufficiency - Kathleen MC ENTEE - [4h Mon. WS]</i>		12	-	[+]	3
VDOC0014-1	<i>Complement of anesthesia in pets and equines - [15h Clin.]</i>		10	-	[+]	3
VDOC0046-1	<i>Complement of equine internal medicine, Part cardiology - [30h Pers. Res.]</i>		2	-	[+]	3
VDOC0046-2	<i>Complement of equine internal medicine, Part endocrinology - [30h Pers. Res.]</i>		2	-	[+]	3
VDOC0046-3	<i>Complement of equine internal medicine, Part gastroenterology/hepatology - [30h Pers. Res.]</i>		2	-	[+]	3
VDOC0046-4	<i>Complement of equine internal medicine, Part neonatology - [30h Pers. Res.]</i>		2	-	[+]	3
VDOC0046-5	<i>Complement of equine internal medicine, Part nephrology/urology - [30h Pers. Res.]</i>		2	-	[+]	3
VDOC0046-6	<i>Complement of equine internal medicine, Part neurology - [30h Pers. Res.]</i>		2	-	[+]	3
VDOC0046-7	<i>Complement of equine internal medicine, Part pneumology and othorhynolaryngology</i>		2	-	-	3
VDOC0053-1	<i>Diagnostic approaches in cardiology of large pets - [15h Clin.]</i>		-	-	[+]	3
VDOC0054-1	<i>Complement of biotechnology of the reproduction - [10h Clin.]</i>		-	-	[+]	3
VDOC0055-1	<i>Additional course in the reproductive pathologies of small animals and exotic pets and assisted reproduction of small animals - [10h Clin.]</i>		-	-	[+]	3
VDOC0056-1	<i>Supplement to the introductory course in infertility - [5h Clin.]</i>		-	-	[+]	3
VDOC0058-1	<i>Surgical pathologies of the locomotor system in pets, Part biomechanic</i>		5	-	-	3

VDOC0058-2	<i>Surgical pathologies of the locomotor system in pets, Part articular surgery</i>		20	-	-	3
VDOC0058-3	<i>Surgical pathologies of the locomotor system in pets, Part experimental surgery</i>		10	-	-	3
VDOC0058-4	<i>Surgical pathologies of the locomotor system in pets, Part on musculotendinous surgery</i>		10	-	-	3
VDOC0058-5	<i>Surgical pathologies of the locomotor system in pets, Part osseous surgery</i>		20	-	-	3
VDOC0058-6	<i>Surgical pathologies of the locomotor system in pets, Part neurosurgery</i>		5	-	-	3
VDOC0059-1	<i>Complement of pets internal medicine, Part endocrinology - [20h Mon. WS]</i>		-	-	[+]	3
VDOC0059-2	<i>Complement of pets internal medicine, Part gastroenterology - [20h Mon. WS]</i>		-	-	[+]	3
VDOC0059-3	<i>Complement of pets internal medicine, Part neurology - [20h Mon. WS]</i>		-	-	[+]	3
VDOC0059-4	<i>Complement of pets internal medicine, Part hematology/clinical immunology - [20h Mon. WS]</i>		-	-	[+]	3
VDOC0060-1	<i>Complement of equine surgery, Diagnostic and therapeutic procedures - [12h Clin.]</i>		8	-	[+]	3
VDOC0060-2	<i>Complement of equine surgery, Surgical pathologies of the digestive system - [12h Clin.]</i>		8	-	[+]	3
VDOC0060-3	<i>Complement of equine surgery, Surgical pathologies of the locomotor system - [12h Clin.]</i>		8	-	[+]	3
VDOC0060-4	<i>Complement of equine surgery, Surgical of the frontal respiratory system - [12h Clin.]</i>		8	-	[+]	3
VDOC0060-5	<i>Complement of equine surgery, Pathologies of the urogenital system - [12h Clin.]</i>		8	-	[+]	3
<b>Clinical department for production animals</b>						
VDOC0015-1	<i>Diagnostic approaches and procedures applicable to pigs - Martine LAITAT - [24h Mon. WS]</i>	TA	6	12	[+]	3
VDOC0016-1	<i>Herd health management - Hugues GUYOT, Frédéric ROLLIN, Kamal TOUATI</i>		30	-	-	3
VDOC0017-1	<i>Complement of surgery of ruminants - Kamal TOUATI - [40h Clin.]</i>	Q1	10	-	[+]	3
VDOC0057-1	<i>Scope of ultrasound scans in the reproduction of ruminants</i>		15	-	-	3
VDOC0061-1	<i>Additional course on bovine theriogenology</i>		15	-	-	3
<b>Department of science of foodstuffs</b>						
VDOC0018-1	<i>Complement of food technology - Antoine CLINQUART</i>		28	12	-	3
VDOC0019-1	<i>Complement of nutrition and health - Antoine CLINQUART, Véronique DELCENSERIE, MarieLouise SCIPPO - [8h Mon. WS]</i>	Q1	20	12	[+]	3
VDOC0020-1	<i>Complement of methods for controlling the microbiological quality of food - Georges DAUBE</i>	Q2	16	16	-	3
VDOC0021-1	<i>Complement of food biological safety</i>	Q1	24	8	-	6
VDOC0022-1	<i>Complement of risk analysis and food quality control - Georges DAUBE, Claude SAEGERMAN</i>	Q1	9	-	-	3
VDOC0023-1	<i>Complement of methods of analysing residues and contaminants in the food chain - Frédéric FARNIR, MarieLouise SCIPPO - [4h Mon. WS]</i>	Q2	8	24	[+]	3
VDOC0062-1	<i>Additional course on hygiene and management systems in food safety</i>		40	-	-	3
VDOC0024-1	<i>Complement of food chemical safety - Claude SAEGERMAN, MarieLouise SCIPPO - [4h Mon. WS]</i>	Q1	28	-	[+]	3
<b>Department of infectious and parasitic diseases</b>						
VDOC0025-1	<i>Health monitoring of wildlife in Europe - Annick LINDEN</i>	Q2	15	15	-	3
VDOC0026-1	<i>Vector control - Bertrand LOSSON</i>	Q2	18	-	-	3
VDOC0027-1	<i>Vector biology - Bertrand LOSSON</i>	Q2	18	-	-	3
VDOC0028-1	<i>The genetics of virulence and bacterial resistance - Jacques MAINIL</i>		10	-	-	3
VDOC0029-1	<i>Molecular virology - Etienne THIRY</i>	Q2	15	-	-	3
VDOC0030-1	<i>Expression of viral vectors - Etienne THIRY</i>	Q2	15	-	-	3
VDOC0031-1	<i>Diversity and variability of animal viruses - Etienne THIRY</i>	Q2	15	-	-	3
VDOC0047-1	<i>Presentation of results - Etienne THIRY</i>	Q1	10	-	-	3
VDOC0063-1	<i>Latest information on immunology and vaccinology</i>		16	-	-	3
VDOC0064-1	<i>Flow cytometry and in vitro imaging</i>		8	8	-	3
VDOC0071-1	<i>Complement of epidemiology</i>		15	-	-	3
<b>Department of morphology and pathology</b>						
VDOC0032-1	<i>Methodology of etiological diagnosis of animal diseases - Dominique CASSART</i>	TA	15	15	-	3
VDOC0033-1	<i>Complement of anatomopathology, histopathology and clinical biology in pets or in equids</i>		15	15	-	3
VDOC0034-1	<i>Molecular pathology - Daniel DESMECHT</i>	Q2	15	15	-	3
VDOC0035-1	<i>Complement of anatomy, Domestic carnivores part - Annick GABRIEL - [15h Mon. WS]</i>	TA	-	-	[+]	3
VDOC0035-2	<i>Complement of anatomy, Horses part - Annick GABRIEL - [15h Mon. WS]</i>	TA	-	-	[+]	3

# Study programmes 2014-2015

## Faculty of Veterinary medicine

### Doctoral training in veterinary sciences

VDOC0035-3	<i>Complement of anatomy, New pets</i> - Annick GABRIEL - [15h Mon. WS]	TA	-	-	[+]	3
VDOC0035-4	<i>Complement of anatomy, Rodents part</i> - Annick GABRIEL - [15h Mon. WS]	TA	-	-	[+]	3
VDOC0035-5	<i>Complement of anatomy, Domestic ruminants part</i> - Annick GABRIEL - [15h Mon. WS]	TA	-	-	[+]	3
VDOC0035-6	<i>Complement of anatomy, Cardiovascular system part</i> - Annick GABRIEL - [15h Mon. WS]	TA	-	-	[+]	3
VDOC0035-7	<i>Complement of anatomy, Digestive system part</i> - Annick GABRIEL - [15h Mon. WS]	TA	-	-	[+]	3
VDOC0035-8	<i>Complement of anatomy, Urogenital system part</i> - Annick GABRIEL - [15h Mon. WS]	TA	-	-	[+]	3
VDOC0035-9	<i>Complement of anatomy, Musculotendinous system part</i> - Annick GABRIEL - [15h Mon. WS]	TA	-	-	[+]	3
VDOC0051-1	<i>Complement of anatomy, part nervous system</i> - Annick GABRIEL - [15h Mon. WS]	TA	-	-	[+]	3
VDOC0051-2	<i>Complement of anatomy, part osteoarticular system</i> - Annick GABRIEL - [15h Mon. WS]	TA	-	-	[+]	3
VDOC0051-3	<i>Complement of anatomy, part respiratory system</i> - Annick GABRIEL - [15h Mon. WS]	TA	-	-	[+]	3
VDOC0036-1	<i>Complement of cell biology</i> - Nadine ANTOINE	TA	15	15	-	3
VDOC0037-1	<i>Complement of embryology</i> - Luc GROBET - [14h Mon. WS]	TA	-	-	[+]	3
VDOC0038-1	<i>Transgenesis</i> - Luc GROBET - [14h Mon. WS]	TA	-	-	[+]	3
VDOC0065-1	<i>Cellular pathology</i>		15	15	-	3
<b>Department of livestock</b>						
VDOC0039-1	<i>Introduction to genomics</i> - Michel GEORGES		20	-	-	3
VDOC0040-2	<i>Designing farm buildings and equipment</i> - Baudouin NICKS	TA	20	-	-	3
VDOC0048-1	<i>Complement of veterinary ethology, animal welfare and animal ethics</i> - Marc VANDENHEEDE	TA	10	-	-	3
VDOC0052-1	<i>Choices, interpretation and limits of statistical tests in veterinary sciences</i> - Frédéric FARNIR, Pascal LEROY - [6h Mon. WS]	TA	12	-	[+]	3
VDOC0066-1	<i>Nutritional complements of pets</i>		20	-	-	3
VDOC0067-1	<i>Additional course on the nutrition of productive livestock and horses</i>		20	-	-	3
<b>Department of functional sciences</b>						
VDOC0041-1	<i>Complement of physiology of domestic animals</i> - Pierre LEKEUX		20	20	-	3
VDOC0042-1	<i>Methodology of functional exploration in domestic animals</i> - Pierre LEKEUX		14	14	-	3
VDOC0043-1	<i>Supplementary biology on pet reproduction</i>		30	-	-	3
VDOC0044-1	<i>Hormonal assays in domestic animals</i>		15	15	-	3
VDOC0045-1	<i>Molecular biology of veterinary medicine</i>		6	-	-	3
VDOC0068-1	<i>Complements of pharmacology and toxicology of pets</i> - [18h Mon. WS]		2	-	[+]	3
VDOC0069-1	<i>Elements of sports medicine of the horse</i> - [18h Mon. WS]		2	-	[+]	3
<b>Transversal Courses</b>						
VDOC0049-2	<i>Information literacy (evidence-based medicine approach) and scientific research publishing</i> - Sandrina VANDENPUT - [2h Mon. WS]	TA	14	-	[+]	3
VDOC0070-1	<i>Legal training in laboratory animal science, "Master of Experiments", cat. C FELASA</i>		-	-	-	6