

## Block view of the study programme

Or Th Pr Au Cr

### List of Phd courses

#### Clinical department for pets and equines

VDOC0001-1	<i>Complement of respiratory pathologies in pets</i> - Frédéric BILLEN, Cécile CLERCX - [30h Clin.]	TA	-	-	[+]	3
VDOC0002-1	<i>Complement of pets oncology</i> - Frédéric BILLEN, Cécile CLERCX - [30h Clin.]	TA	-	-	[+]	3
VDOC0003-1	<i>Diagnostic and therapeutic procedures in internal medicine of pets, Nephrology/urinology part</i> - Frédéric BILLEN - [15h Clin.]	TA	-	-	[+]	3
VDOC0003-2	<i>Diagnostic and therapeutic procedures in internal medicine of pets, Otorhinolaryngology part</i> - Frédéric BILLEN, Cécile CLERCX - [15h Clin.]	TA	-	-	[+]	3
VDOC0003-3	<i>Diagnostic and therapeutic procedures in internal medicine of pets, Pneumology part</i> - Frédéric BILLEN, Cécile CLERCX - [15h Clin.]	TA	-	-	[+]	3
VDOC0003-4	<i>Diagnostic and therapeutic procedures in internal medicine of pets, Oncology part</i> - Frédéric BILLEN, Cécile CLERCX - [15h Clin.]	TA	-	-	[+]	3
VDOC0004-1	<i>Complement of urodynamic in pets</i> - Annick HAMAIDE		20	-	-	3
VDOC0005-1	<i>Surgical pathologies of soft tissues in pets, General surgery part</i> - Stéphanie CLAEYS		20	-	-	3
VDOC0005-2	<i>Surgical pathologies of soft tissues in pets, Abdominal surgery part</i> - Annick HAMAIDE		20	-	-	3
VDOC0005-3	<i>Surgical pathologies of soft tissues in pets, Thoracic surgery part</i> - Stéphanie CLAEYS		20	-	-	3
VDOC0005-4	<i>Surgical pathologies of soft tissues in pets, Urinary surgery part</i> - Annick HAMAIDE		20	-	-	3
VDOC0005-5	<i>Surgical pathologies of soft tissues in pets, Skin surgery part</i> - Annick HAMAIDE		20	-	-	3
VDOC0005-6	<i>Surgical pathologies of soft tissues in pets, Obstetric surgery part</i> - Stéphanie CLAEYS		20	-	-	3
VDOC0005-7	<i>Surgical pathologies of soft tissues in pets, ENT surgery part</i> - Annick HAMAIDE		20	-	-	3
VDOC0005-8	<i>Surgical pathologies of soft tissues in pets, Maxillofacial surgery part</i> - Annick HAMAIDE		20	-	-	3
VDOC0005-9	<i>Surgical pathologies of soft tissues in pets, Cardiac surgery part</i> - Stéphanie CLAEYS		20	-	-	3
VDOC0050-1	<i>Surgical pathologies of soft tissues in pets, part microvascular surgery, Microvascular surgery part</i> - Stéphanie CLAEYS		20	-	-	3
VDOC0050-2	<i>Surgical pathologies of soft tissues in pets, part microvascular surgery, Part on oncological surgery</i> - Annick HAMAIDE		20	-	-	3
VDOC0006-1	<i>Supplementary coleoscopy in pets</i> - Stéphanie CLAEYS		20	-	-	3
VDOC0007-1	<i>Supplementary diagnostic and therapeutic approaches to surgery on pets</i> - Annick HAMAIDE		80	-	-	3
VDOC0008-1	<i>Supplementary medicine for rabbits for production and hygiene monitoring of rabbit farms</i> - Didier MARLIER	TA	10	-	-	3
VDOC0009-1	<i>Supplementary zoological medicine (rabbits and pet rodents)</i> - Didier MARLIER	TA	10	-	-	3
VDOC0010-1	<i>Supplementary zoological medicine (pet birds)</i> - Didier MARLIER	TA	10	-	-	3
VDOC0011-1	<i>Supplementary medicine for poultry and birds of production</i> - Didier MARLIER	TA	10	-	-	3

VDOC0014-1	<i>Complements of anesthesiology and resuscitation in domestic animals</i> - Charlotte SANDERSEN - [15h Clin.]	10	-	[+]	3
VDOC0046-1	<i>Complement of equine internal medicine, Cardiology part</i> - Hélène AMORY - [2h Mon. WS, 30h Pers. Res.]	TA	-	-	[+] 3
VDOC0046-2	<i>Complement of equine internal medicine, Endocrinology part</i> - Hélène AMORY - [2h Mon. WS, 30h Pers. Res.]	TA	-	-	[+] 3
VDOC0046-3	<i>Complement of equine internal medicine, Partim gastroentérologie/hépatologie</i> - Hélène AMORY - [2h Mon. WS, 30h Pers. Res.]	TA	-	-	[+] 3
VDOC0046-4	<i>Complement of equine internal medicine, Neonatology part</i> - Hélène AMORY - [2h Mon. WS, 30h Pers. Res.]	TA	-	-	[+] 3
VDOC0046-6	<i>Complement of equine internal medicine, Neurology part</i> - Hélène AMORY - [2h Mon. WS, 30h Pers. Res.]	TA	-	-	[+] 3
VDOC0046-7	<i>Complement of equine internal medicine, Pneumology and otorhinolaryngology part</i> - Charlotte SANDERSEN	TA	2	-	- 3
VDOC0053-1	<i>Diagnostic approaches in cardiology of large pets</i> - Hélène AMORY - [15h Clin.]	TA	-	-	[+] 3
VDOC0054-1	<i>Complement of biotechnology of the reproduction</i> - Stefan DELEUZE - [10h Clin.]	-	-	-	[+] 3
VDOC0055-1	<i>Additional course in the reproductive pathologies of small animals and exotic pets and assisted reproduction of small animals</i> - Stefan DELEUZE - [10h Clin.]	-	-	-	[+] 3
VDOC0073-1	<i>Additional course in the reproductive pathologies and assisted reproduction of equines</i> - Stefan DELEUZE - [10h Clin.]	-	-	-	[+] 3
VDOC0056-1	<i>Supplement to the introductory course in infertility</i> - Stefan DELEUZE - [5h Clin.]	-	-	-	[+] 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</i> - Dominique PEETERS - [20h Mon. WS]	-	-	-	[+] 3
VDOC0059-2	<i>Complement of pets internal medicine, Part gastroenterology</i> - Dominique PEETERS - [20h Mon. WS]	-	-	-	[+] 3
VDOC0059-3	<i>Complement of pets internal medicine, Part neurology</i> - Dominique PEETERS - [20h Mon. WS]	-	-	-	[+] 3
VDOC0059-4	<i>Complement of pets internal medicine, Part hematology/clinical immunology</i> - Dominique PEETERS - [20h Mon. WS]	-	-	-	[+] 3
VDOC0074-1	<i>Introduction to medical imaging</i>	TA			3
	- <i>X-ray</i> - Géraldine BOLEN, Valeria BUSONI - [2h Mon. WS, 30h Pers. Res.]	-	-	-	[+]
	- <i>Ultrasound</i> - Géraldine BOLEN, Valeria BUSONI - [2h Mon. WS, 30h Pers. Res.]	-	-	-	[+]
	- <i>Cross-sectional imaging</i> - Géraldine BOLEN, Valeria BUSONI - [2h Mon. WS, 30h Pers. Res.]	-	-	-	[+]
VDOC0075-1	<i>Medical imaging supplement</i>				3

- <i>X-ray of large animals</i> - Valeria BUSONI - [2h Mon. WS, 28h Clin.]	-	-	[+]
- <i>Ultrasound of large animals</i> - Valeria BUSONI - [2h Mon. WS, 28h Clin.]	-	-	[+]
- <i>sectional imaging of large pets</i> - Valeria BUSONI - [2h Mon. WS, 28h Clin.]	-	-	[+]
- <i>X-ray of small animals</i> - Géraldine BOLEN - [2h Mon. WS, 28h Clin.]	-	-	[+]
- <i>Ultrasound of small animals</i> - Géraldine BOLEN - [2h Mon. WS, 28h Clin.]	-	-	[+]
- <i>Sectional imaging of small animals</i> - Géraldine BOLEN - [2h Mon. WS, 28h Pers. Res.]	-	-	[+]

#### Clinical department for production animals

VDOC0015-1	<i>Diagnostic approaches and procedures applicable to pigs</i> - Martine LAITAT - [24h Mon. WS]	TA	6	12	[+]	3
VDOC0016-1	<i>Herd health management</i> - Hugues GUYOT, N..., Frédéric ROLLIN, Arnaud SARTELET		30	-	-	3

#### Department of science of foodstuffs

VDOC0018-1	<i>Complement of food technology</i> - Christophe BLECKER, Antoine CLINQUART		28	12	-	3
VDOC0019-1	<i>Complement of nutrition and health</i> - Antoine CLINQUART, Véronique DELCENSERIE, Caroline DOUNY, MarieLouise SCIPPO - [8h Mon. WS]	Q1	20	12	[+]	3
VDOC0020-1	<i>Complement of methods for controlling the microbiological quality of food</i> - Georges DAUBE	Q2	16	16	-	3
VDOC0021-1	<i>Complement of food biological safety</i> - Georges DAUBE, Frédéric FARNIR, Philippe JACQUES, Claude SAEGERMAN	Q1	24	8	-	3
VDOC0022-1	<i>Complement of risk analysis and food quality control</i> - Véronique DELCENSERIE, Claude SAEGERMAN	Q1	9	-	-	3
VDOC0023-1	<i>Complement of methods of analysing residues and contaminants in the food chain</i> - Caroline DOUNY, Frédéric FARNIR, MarieLouise SCIPPO - [4h Mon. WS]	Q2	8	24	[+]	3
VDOC0024-1	<i>Complement of food chemical safety</i> - Claude SAEGERMAN, MarieLouise SCIPPO - [4h Mon. WS]	Q1	28	-	[+]	3
VDOC0062-1	<i>Additional course on hygiene and management systems in food safety</i> - Véronique DELCENSERIE, Marianne SINDIC		40	-	-	3

#### Department of infectious and parasitic diseases

VDOC0025-1	<i>Health monitoring of wildlife in Europe</i> - Annick LINDEN	Q2	15	15	-	3
VDOC0028-1	<i>The genetics of virulence and bacterial resistance</i> - Damien THIRY		10	-	-	3
VDOC0029-1	<i>Molecular virology</i> - Etienne THIRY	Q2	15	-	-	3
VDOC0030-1	<i>Expression of viral vectors</i> - Etienne THIRY, Etienne THIRY	Q2	15	-	-	3
VDOC0031-1	<i>Diversity and variability of animal viruses</i> - Etienne THIRY	Q2	15	-	-	3
VDOC0047-1	<i>Presentation of results</i> - Etienne THIRY	Q1	10	-	-	3
VDOC0063-1	<i>Latest information on immunology and vaccinology</i> - Alain VANDERPLASSCHEN		16	-	-	3
VDOC0064-1	<i>Flow cytometry and in vitro imaging</i> - Benjamin G. DEWALS, Laurent GILLET, Bénédicte MACHIELS, Alain VANDERPLASSCHEN		8	8	-	3
VDOC0071-1	<i>Complement of epidemiology</i> - Claude SAEGERMAN	Q1	15	-	-	3

#### Department of morphology and pathology

VDOC0032-1	<i>Methodology of etiological diagnosis of animal diseases</i> - Dominique CASSART	TA	15	15	-	3
VDOC0033-1	<i>Complement of anatomopathology, histopathology and clinical biology in pets or in equids</i> - Dominique CASSART		15	15	-	3
VDOC0034-1	<i>Molecular pathology</i> - Daniel DESMECHT	Q2	15	15	-	3

VDOC0035-1	<i>Complement of anatomy, Domestic carnivores part</i> - Annick GABRIEL - [15h Mon. WS]	TA	-	-	[+]	3
VDOC0035-2	<i>Complement of anatomy, Horses part</i> - Annick GABRIEL - [15h Mon. WS]	TA	-	-	[+]	3
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>Pathology of infectious diseases</i> - MutienMarie GARIGLIANY	TA	15	15	-	3
<b>Department of Veterinary Management of Animal Resources</b>						
VDOC0039-1	<i>Introduction to genomics</i> - Michel GEORGES	Q1	20	-	-	3
VDOC0040-2	<i>Designing farm buildings and equipment</i> - JeanFrançois CABARAUX	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 - [6h Mon. WS]	TA	12	-	[+]	3
VDOC0066-1	<i>Nutritional complements of pets</i> - Marianne DIEZ		20	-	-	3
VDOC0067-1	<i>Additional course on the nutrition of productive livestock and horses</i> - Isabelle DUFRASNE		20	-	-	3
VDOC0076-1	<i>Complement of quantitative genetics</i>	TA	10	10	-	3
VDOC0077-1	<i>Nutrition and domestic animals applied to tropical regions</i> - JeanLuc HORNICK	Q2	21	-	-	3
<b>Department of functional sciences</b>						
VDOC0045-1	<i>Methodology in molecular biology</i>		6	-	-	3
VDOC0068-1	<i>Complements of pharmacology and toxicology of pets</i> - Pascal GUSTIN - [18h Mon. WS]		2	-	[+]	3
VDOC0069-1	<i>Elements of sports medicine of the horse</i> - Tatiana ART - [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</i>	Q2	-	-	-	<b>6</b>
	<i>FELASA - COLLÉGIALITÉ</i>					
VDOC0072-1	<i>Creation, completion and managing a personal bibliography base and generating a bibliography in a given editorial style - Sandrina VANDENPUT</i>	TA	5	-	-	<b>3</b>