

## A single year

*Notice* : Spreading the programme over a 2nd year can be approved by the Jury in exceptional circumstances.

### Compulsory courses

VETE2028-1	<i>Complement of epidemiology</i> - Claude SAEGERMAN	15	-	-	<b>1</b>
DOCU0445-2	<i>Documentary research and critical analysis of scientific information</i> - Sandrina VANDENPUT	10	2	-	<b>1</b>
VTRA0001-1	<i>Personal work related to the option</i> - COLLÉGIALITÉ	-	-	-	<b>28</b>

### Optional courses

*Choose one option from the following :*

#### Option Clinical Sciences

*Notice* : Students who choose this option must integrate knowledge of a species' clinics (Equide Module, Pets Module, Ruminants Module), under the direction of one of the service's clinicians and the co-ordinator. Included in the candidate's obligations is taking on an on call responsibility according to a timetable arranged with those in charge. During on call duties the candidate must stay at the Faculty.

**Choose one module from :**

#### "Horses" Module

VETE0355-4	<i>Internal medicine of horses</i> - Hélène AMORY - [12w Clin.]	-	-	[+]	<b>8</b>
VETE0356-3	<i>Equine sport medicine</i> - Tatiana ART - [2w Clin.]	-	-	[+]	<b>1</b>
VETE0357-5	<i>Surgery of horses</i> - Sigrid GRULKE, Didier SERTEYN - [12w Clin.]	-	-	[+]	<b>8</b>
VETE0100-3	<i>Anaesthesiology and perioperative intensive care of horses</i> - Charlotte SANDERSEN, Didier SERTEYN - [8w Clin.]	-	-	[+]	<b>5</b>
VETE0358-4	<i>Reproduction of equids</i> - Stefan DELEUZE - [7w Clin.]	-	-	[+]	<b>4</b>
VETE0363-4	<i>Equine Diagnostic Imaging</i> - Géraldine BOLEN, Valeria BUSONI - [7w Clin.]	-	-	[+]	<b>4</b>

#### "Companion animal" Module

VETE0359-7	<i>Internal medicine of Companion animals</i> - Frédéric BILLEN, Cécile CLERCX, Dominique PEETERS - [15w Clin.]	-	-	[+]	<b>9</b>
VETE0360-4	<i>Companion Animal Surgery</i> - Marc BALLIGAND, Stéphanie CLAEYS, Annick HAMAIDE - [12w Clin.]	-	-	[+]	<b>7</b>
VETE0364-4	<i>Reproduction of companion animals</i> - Stefan DELEUZE - [5w Clin.]	-	-	[+]	<b>3</b>
VETE0370-1	<i>Medical imaging in pets, including new pets</i> - Géraldine BOLEN, Valeria BUSONI - [6w Clin.]	-	-	[+]	<b>4</b>
VETE0102-1	<i>Anaesthesia of companion animals</i> - Charlotte SANDERSEN - [4w Clin.]	-	-	[+]	<b>3</b>
VETE0459-1	<i>Emergencies, hospitalization and intensive care of companion animals</i> - Frédéric BILLEN, Stéphanie CLAEYS - [6w Clin.]	-	-	[+]	<b>4</b>

#### "Ruminants" Module

VETE0460-1	<i>Clinic for ruminants and emergency shifts</i> - Hugues GUYOT, Frédéric ROLLIN, Kamal TOUATI - [24w Clin.]	-	-	[+]	<b>15</b>
VETE0461-1	<i>Medical clinic for herds : farm visits, followed by reproduction and outpatient clinic</i> - Hugues GUYOT, Christian HANZEN, Frédéric ROLLIN - [22w Clin.]	-	-	[+]	<b>14</b>
VETE0361-1	<i>Ruminant autopsy</i> - Dominique CASSART - [2w Clin.]	-	-	[+]	<b>1</b>

#### Module "New pets"

VETE0476-1	<i>Internal medicine and autopsies in new pets (unconventional mammals, birds, reptiles)</i> - Didier MARLIER - [18w Clin.]	-	-	[+]	9
VETE0359-8	<i>Internal medicine of Companion animals</i> - Frédéric BILLEN, Cécile CLERCX, Dominique PEETERS - [3w Clin.]	-	-	[+]	3
VETE0380-1	<i>Diagnostic imaging of pets including new pets (unconventional mammals, birds, reptiles)</i> - Géraldine BOLEN, Valeria BUSONI - [7w Clin.]	-	-	[+]	4
VETE0477-1	<i>Anesthesiology in pets, including new pets (unconventional mammals, birds, reptiles)</i> - Didier MARLIER, Charlotte SANDERSEN - [6w Clin.]	-	-	[+]	4
VETE0478-1	<i>Surgery and ophthalmology in new pets (unconventional mammals, birds, reptiles)</i> - Marc BALLIGAND, Stéphanie CLAEYS, Annick HAMAIDE, Didier MARLIER - [7w Clin.]	-	-	[+]	4
VETE0360-5	<i>Companion Animal Surgery</i> - Marc BALLIGAND, Stéphanie CLAEYS, Annick HAMAIDE - [2w Clin.]	-	-	[+]	2
VETE0479-1	<i>Emergencies, hospitalisation in new pets (unconventional mammals, birds, reptiles)</i> - Frédéric BILLEN, Didier MARLIER - [4w Clin.]	-	-	[+]	3
VETE0459-2	<i>Emergencies, hospitalization and intensive care of companion animals</i> - Frédéric BILLEN, Stéphanie CLAEYS - [1w Clin.]	-	-	[+]	1

### Option Veterinary Public Health

#### Choose one module from :

#### Module : "Food sciences"

Notice : This module is open to vets who want to follow a specialized training in the field of quality and safety management in the food chain.

VETE2033-1	<i>Basis of risk analysis and quality management</i> - Georges DAUBE, Claude SAEGERMAN	9	-	-	1
VETE2034-1	<i>Legal bases of safety management in the food chain</i> - André EVERS	14	-	-	1
VETE2035-1	<i>Basic statistics and computer science applied to food</i> - Frédéric FARNIR	8	-	-	1
VETE2036-1	<i>Well-being of production animals : scientific and regulatory aspects</i> - Marc VANDENHEEDE	10	-	-	1
VETE2037-2	<i>Quality and safety management in the food chain</i> - Antoine CLINQUART, Georges DAUBE, Véronique DELCENSERIE, Nicolas KORSACK KOULAGENKO, MarieLouise SCIPPO - [60h Mon. WS]	20	64	[+]	8
VETE2038-1	<i>Hygiene and management systems of food safety</i> - Véronique DELCENSERIE	40	-	-	2
VETE2013-1	<i>Agro-alimentary industries and environmental management</i> - Marianne VON FRENCKELL	10	-	-	1
VETE2039-1	<i>Methods of analysing residues and contaminants in the food chain</i> - Frédéric FARNIR, MarieLouise SCIPPO - [4h Mon. WS]	8	24	[+]	2
VETE2040-1	<i>Tools for monitoring the food chain</i> - Georges DAUBE, André EVERS, Nicolas KORSACK KOULAGENKO	24	24	-	3
VETE2041-1	<i>Methods for controlling the microbiological quality of food</i> - Georges DAUBE	16	16	-	2
VETE2042-1	<i>Nutrition and health</i> - Antoine CLINQUART, Véronique DELCENSERIE, MarieLouise SCIPPO - [8h Mon. WS]	20	12	[+]	2
VETE0463-1	<i>Biological hazards related to food</i> - Georges DAUBE, Frédéric FARNIR, Claude SAEGERMAN - [9h Mon. WS]	23	-	[+]	2
VETE0462-1	<i>Chemical hazards related to food</i> - Claude SAEGERMAN, MarieLouise SCIPPO - [5h Mon. WS]	27	-	[+]	2
VETE2045-1	<i>Food technology</i> - Antoine CLINQUART	28	12	-	2

#### Module : "Emerging diseases"

Notice : This module is open to vets who want to follow a specialized training in the field of infectiology, epidemiology and pathology of emerging diseases.

VETE0480-1	<i>Introduction to emerging infectious diseases</i> - Claude SAEGERMAN - [4h Mon. WS]	8	-	[+]	1,5
VETE0481-1	<i>Vectors and emerging diseases</i> - Eric HAUBRUGE, Bertrand LOSSON - [10h Mon. WS]	20	-	[+]	4

VEETE0482-1	<i>Systemic pathology of emerging diseases</i> - Dominique CASSART, Daniel DESMECHT - [4h Mon. WS]	15	-	[+]	<b>2</b>
VEETE0483-1	<i>Emerging diseases of domestic animals</i> - Bertrand LOSSON, Jacques MAINIL, Etienne THIRY - [14h Mon. WS]	34	-	[+]	<b>5</b>
VEETE0484-1	<i>Emerging diseases of wild animals</i> - Annick LINDEN - [4h Mon. WS]	8	-	[+]	<b>1,5</b>
VEETE0485-1	<i>Emerging diseases in domestic and wild bees</i> - Eric HAUBRUGE	6	-	-	<b>1</b>
VEETE0486-1	<i>Emerging diseases in man</i> - Philippe LÉONARD	12	-	-	<b>1,5</b>
VEETE0487-1	<i>General and clinical epidemiology of emerging diseases</i> - Marius GILBERT, Hugues GUYOT, Claude SAEGERMAN - [18h Mon. WS]	24	-	[+]	<b>4,5</b>
VEETE0488-1	<i>Risk analysis applied to emerging diseases</i> - Claude SAEGERMAN - [6h Mon. WS]	12	-	[+]	<b>2</b>
VEETE0489-1	<i>Prevention of emerging diseases</i> - Laurent GILLET, Pascal HENDRIKX, Claude SAEGERMAN - [10h Mon. WS]	20	-	[+]	<b>3</b>
VEETE0490-1	<i>Detecting, managing and communicating an emergency</i> - Fabienne FECHERBOURGEOIS, Christiane GOSSET, Nathalie KIRSCHVINK, Claude SAEGERMAN - [10h Mon. WS]	12	-	[+]	<b>2,5</b>
VEETE0491-1	<i>Aspects relating to biosecurity</i> - Claude SAEGERMAN, Etienne THIRY - [10h Vis.]	2	-	[+]	<b>1,5</b>