

Faculty of Veterinary Medicine

Master of Veterinary Medicine in Veterinary Medicine -- Research

Language of instruction: Dutch

Programme version 9

## 1 General Courses

85 credits

### 1.1 Common subjects of Master of Veterinary Medicine

77 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	G000745 Clinical and Communicative Skills III [nl] <i>Annelies Decloedt -- Department of Internal Medicine, Reproduction and Population Medicine</i>	3		1	A:J	90
2	G000834 Bacterial and Myotic Diseases and Zoonoses <i>Frank Pasmans -- Department of Pathobiology, Pharmacology and Zoological Medicine</i>	4		1	A:1	120
3	G000835 Parasitic Diseases and Zoonoses <i>Edwin Claerebout -- Department of Translational Physiology, Infectiology and Public Health</i>	5		1	A:J	150
4	G000836 Clinical Pharmacology <i>Mathias Devreese -- Department of Pathobiology, Pharmacology and Zoological Medicine</i>	4		1	A:1	120
5	G000837 Medical Imaging and Radioprotection <i>Jimmy Saunders -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition</i>	4		1	A:1	120
6	G000838 Viral Diseases, Prion Diseases and Zoonoses <i>Hans Nauwynck -- Department of Translational Physiology, Infectiology and Public Health</i>	4		1	A:1	120
7	G000839 Pathogenetics <i>Bart Broeckx -- Department of Veterinary and Biosciences</i>	4		1	A:1	120
8	G000840 General Surgery II <i>Ann Martens -- Department of Large Animal Surgery, Anaesthesia and Orthopaedics</i>	4		1	A:2	120
9	G000865 Toxicology <i>Siska Croubels -- Department of Pathobiology, Pharmacology and Zoological Medicine</i>	4		1	A:2	120
10	G000866 Domestic Animal Medicine <i>Bart Pardon -- Department of Internal Medicine, Reproduction and Population Medicine</i>	4		1	A:2	120
11	G000867 Organ Pathology <i>Koen Chiers -- Department of Pathobiology, Pharmacology and Zoological Medicine</i>	4		1	A:2	120
12	G000868 Veterinary Public Health IV: Food Safety and Control <i>Sarah Gabriël -- Department of Translational Physiology, Infectiology and Public Health</i>	5		1	A:2	150
13	G000870 Veterinary Public Health V: Externship and Practicals <i>Sarah Gabriël -- Department of Translational Physiology, Infectiology and Public Health</i>	3		2	A:J	90
14	G000871 Advanced Course in Animal Surgery <i>Hilde De Rooster -- Department of Medicine and Clinical Biology of Small Animals</i>	4		2	A:1	120
15	G000872 Companion Animal Medicine and Reproduction <i>Sylvie Daminet -- Department of Medicine and Clinical Biology of Small Animals</i>	4		2	A:1	120
16	G000873 Large Animal Medicine <i>Gunther van Loon -- Department of Internal Medicine, Reproduction and Population Medicine</i>	3		2	A:1	90
17	G000758 Clinical and Communicative Skills IV <i>Annelies Decloedt -- Department of Internal Medicine, Reproduction and Population Medicine</i>	3		2	A:1	90
18	G000874 Large Animal Reproduction and Obstetrics <i>Geert Opsomer -- Department of Internal Medicine, Reproduction and Population Medicine</i>	3		2	A:1	90
19	G000875 Legislation, Deontology, Professional Ethics and Practice Management <i>Sarne De Vlieghe -- Department of Internal Medicine, Reproduction and Population Medicine</i>	5		2	A:1	150

20	G000876	Diseases of Birds and Exotic Animals <i>An Garmyn -- Department of Pathobiology, Pharmacology and Zoological Medicine</i>	3		2	A:1	90
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## 1.2 General Clinical Education 8 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	G000832 Clinical Training I <i>Ann Martens -- Department of Large Animal Surgery, Anaesthesia and Orthopaedics</i>	4		1	A:J	120
2	G000877 Clinical Training II <i>Jimmy Saunders -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition</i>	4		2	A:1	120

## 2 Courses Related to the Main Subject 92 credits

### 2.1 Elective Cluster 18 credits

Subscribe to 1 cluster from the following list.

#### 2.1.1 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	G000878 Companion Animal Medicine I <i>Sylvie Daminet -- Department of Medicine and Clinical Biology of Small Animals</i>	4		2	A:2	120
2	G000879 Companion Animal Medicine II <i>Ann Van Soom -- Department of Internal Medicine, Reproduction and Population Medicine</i>	7		2	A:2	210
3	G000880 Advanced Course in Surgery and Anaesthesiology of Companion Animals <i>Hilde De Rooster -- Department of Medicine and Clinical Biology of Small Animals</i>	4		2	A:2	120
4	G000881 Complementary Course of Diseases of Birds and Exotic Animals <i>Frank Pasmans -- Department of Pathobiology, Pharmacology and Zoological Medicine</i>	3		2	A:2	90

#### 2.1.2 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	G000883 Equine Surgery and Medical Imaging <i>Frederik Pille -- Department of Large Animal Surgery, Anaesthesia and Orthopaedics</i>	5		2	A:2	150
2	G000884 Equine Medicine I <i>Gunther van Loon -- Department of Internal Medicine, Reproduction and Population Medicine</i>	5		2	A:2	150
3	G000885 Equine Medicine II <i>Myriam Hesta -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition</i>	5		2	A:2	150

#### 2.1.2.1 Module additional animal species 3 credits

Subscribe to 3 credit units from the following list.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	G000886 Companion Animal Medicine: Blended Package <i>Myriam Hesta -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition</i>	3		2	A:2	90
2	G000887 Ruminant Medicine: Blended Package <i>Bart Pardon -- Department of Internal Medicine, Reproduction and Population Medicine</i>	3		2	A:2	90

#### 2.1.3 Cluster Production Animals 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	G000890 Production Animal Medicine and Surgery <i>Lieven Vlamincx -- Department of Large Animal Surgery, Anaesthesia and Orthopaedics</i>	4		2	A:2	120
2	G000891 Production Animal Herd Health Medicine I <i>Geert Opsomer -- Department of Internal Medicine, Reproduction and Population Medicine</i>	5		2	A:2	150
3	G000892 Production Animal Herd Health Medicine II <i>Jeroen Dewulf -- Department of Internal Medicine, Reproduction and Population Medicine</i>	6		2	A:2	180

#### 2.1.3.1 Module additional animal species 3 credits

Subscribe to 3 credit units from the following list.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	G000886 Companion Animal Medicine: Blended Package <i>Myriam Hesta -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition</i>	3		2	A:2	90
2	G000889 Equine Medicine: Blended Package <i>Gunther van Loon -- Department of Internal Medicine, Reproduction and Population Medicine</i>	3		2	A:2	90

### 2.2 Domain Research 15 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	G000908 Development of Veterinary Drugs <i>Peter Geldhof -- Department of Translational Physiology, Infectiology and Public Health</i>	3		3	A:1	90
2	G000909 Cellular Biological and Molecular Techniques for Biomedical Research <i>Herman Favoreel -- Department of Translational Physiology, Infectiology and Public Health</i>	5		3	A:1	150
3	G000698 Scientific reasoning and communication <i>Filip Van Immerseel -- Department of Pathobiology, Pharmacology and Zoological Medicine</i>	3		3	A:J	90
4	G000799 Laboratory Animal Science [en] <i>Katleen Hermans -- Department of Pathobiology, Pharmacology and Zoological Medicine</i>	4		3	A:1	120

2.3 20 credits

Subscribe to 20 credit units from 1 from the following list. Subject to approval by the faculty.

2.3.1 20 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	G000882 Clinical Training III: Companion Animal Medicine <i>Pascale Smets -- Department of Medicine and Clinical Biology of Small Animals</i>	3		2	A:2	90
2	G000894 Clinical Training IV: Companion Animal Medicine <i>Hilde De Rooster -- Department of Medicine and Clinical Biology of Small Animals</i>	17		3	A:J	510

2.3.2 20 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	G000888 Clinical Training III: Horse Medicine <i>Stijn Schauvliege -- Department of Large Animal Surgery, Anaesthesia and Orthopaedics</i>	3		2	A:2	90
2	G000898 Clinical Training IV: Horse Medicine <i>Frederik Pille -- Department of Large Animal Surgery, Anaesthesia and Orthopaedics</i>	17		3	A:J	510

2.3.3 20 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	G000893 Clinical Training III: Production Animal Medicine <i>Bart Pardon -- Department of Internal Medicine, Reproduction and Population Medicine</i>	3		2	A:2	90
2	G000901 Clinical Training IV: Ruminant Medicine <i>Geert Opsomer -- Department of Internal Medicine, Reproduction and Population Medicine</i>	17		3	A:J	510

2.4 9 credits

Subscribe to 9 credit units from the following list. Subject to approval by the faculty.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	G000895 Externship Main Subject Companion Animal <i>Ingeborgh Polis -- Department of Medicine and Clinical Biology of Small Animals</i>	9		3	A:J	270
2	G000899 Externship Main Subject Horse <i>Katrien Smits -- Department of Internal Medicine, Reproduction and Population Medicine</i>	9		3	A:J	270
3	G000902 Externship Main Subject Ruminant <i>Lieven Vlamincx -- Department of Large Animal Surgery, Anaesthesia and Orthopaedics</i>	9		3	A:J	270

2.5 Master's thesis Research 30 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	G000833 Master's Dissertation I: Statistics and Experimental Design <i>Luc Duchateau -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition</i>	6		1	A:J	180
2	G000869 Master's Dissertation II <i>Pieter Cornillie -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition</i>	8		2	A:J	240
3	G000910 Master's Dissertation III Main Subject Research <i>Pieter Cornillie -- Department of Morphology</i>	16		3	A:J	480

3 Elective Courses 3 credits

Subscribe to no less than 3 and no more than 4 credit units from 3 module(s) from the following list. Subject to approval by the faculty.

3.1 3 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	G000922 Animal Welfare, Law and Ethics <i>Sarne De Vliegher -- Department of Internal Medicine, Reproduction and Population Medicine</i>	3	UKV	3	A:2	90

2	G000924	Practice Management and entrepreneurship <i>Sarne De Vlieghe -- Department of Internal Medicine, Reproduction and Population Medicine</i>	3	3	A:2	90
3	G000925	Tropical Veterinary Medicine <i>Bruno Leveck -- Department of Translational Physiology, Infectiology and Public Health</i>	4	3	A:J	120

### 3.2 Electives Related to the Main Subject

3 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	G000805 Porcine Herd Health Medicine <i>Dominiek Maes -- Department of Internal Medicine, Reproduction and Population Medicine</i>	3		3	A:J	90

### 3.3

4 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	G000923 Research Externship <i>Ward De Spiegelaere -- Department of Morphology</i>	4		3	A:J	120
2	G000926 Advanced Externship <i>Katrien Smits -- Department of Internal Medicine, Reproduction and Population Medicine</i>	4		3	A:J	120

### 3.4 Ghent University Courses

Subscribe to no more than 3 credit units from the study programmes of Ghent University, including the Ghent University Elective Courses. Subject to approval by the faculty.  
[Ghent University Elective Courses](#)

#### Teaching

When a course is not taught (solely) in the programme's language of instruction, the effectively used languages are indicated in square brackets following the course name, using the following ISO codes:

bg: Bulgarian	de: German	es: Spanish	ja: Japanese	pl: Polish	sh: Croatian/Serbian	zh: Chinese
cs: Czech	el: Greek	fr: French	nl: Dutch	pt: Portuguese	sl: Slovene	
da: Danish	en: English	it: Italian	no: Norwegian	ru: Russian	sv: Swedish	

#### Semester

Semesters are indicated by their number (1 or 2); semester 3 represents the summer period and J indicates a course spanning semesters 1 and 2. When a capital letter precedes a semester number, the course has multiple offerings. The letter indicates the offering concerned.

When a semester is shown in brackets, the course is not offered this year in the specific offering.

The offering frequency and first year of offering are indicated by the following codes:

a: bi-annually	c: annually, from 2025-2026	f: annually, from 2026-2027	i: annually, from 2027-2028
b: tri-annually	d: bi-annually, from 2025-2026	g: bi-annually, from 2026-2027	j: bi-annually, from 2027-2028
	e: tri-annually, from 2025-2026	h: tri-annually, from 2026-2027	k: tri-annually, from 2027-2028