

Faculty of Veterinary Medicine

Master of Veterinary Medicine in Veterinary Medicine -- Ruminants

Language of instruction: Dutch

Programme version 10

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] Annelies Decloedt -- Department of Internal Medicine, Reproduction and Population Medicine | 3 | | 1 | A:J | 90 |
| 2 | G000834 Bacterial and Myotic Diseases and Zoonoses Frank Pasmans -- Department of Pathobiology, Pharmacology and Zoological Medicine | 4 | | 1 | A:1 | 120 |
| 3 | G000835 Parasitic Diseases and Zoonoses Edwin Claerebout -- Department of Translational Physiology, Infectiology and Public Health | 5 | | 1 | A:J | 150 |
| 4 | G000836 Clinical Pharmacology Mathias Devreese -- Department of Pathobiology, Pharmacology and Zoological Medicine | 4 | | 1 | A:1 | 120 |
| 5 | G000837 Medical Imaging and Radioprotection Jimmy Saunders -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition | 4 | | 1 | A:1 | 120 |
| 6 | G000838 Viral Diseases, Prion Diseases and Zoonoses Hans Nauwynck -- Department of Translational Physiology, Infectiology and Public Health | 4 | | 1 | A:1 | 120 |
| 7 | G000839 Pathogenetics Bart Broeckx -- Department of Veterinary and Biosciences | 4 | | 1 | A:1 | 120 |
| 8 | G000840 General Surgery II Ann Martens -- Department of Large Animal Surgery, Anaesthesia and Orthopaedics | 4 | | 1 | A:2 | 120 |
| 9 | G000865 Toxicology Siska Croubels -- Department of Pathobiology, Pharmacology and Zoological Medicine | 4 | | 1 | A:2 | 120 |
| 10 | G000866 Domestic Animal Medicine Bart Pardon -- Department of Internal Medicine, Reproduction and Population Medicine | 4 | | 1 | A:2 | 120 |
| 11 | G000867 Organ Pathology Koen Chiers -- Department of Pathobiology, Pharmacology and Zoological Medicine | 4 | | 1 | A:2 | 120 |
| 12 | G000868 Veterinary Public Health IV: Food Safety and Control Sarah Gabriël -- Department of Translational Physiology, Infectiology and Public Health | 5 | | 1 | A:2 | 150 |
| 13 | G000870 Veterinary Public Health V: Externship and Practicals Sarah Gabriël -- Department of Translational Physiology, Infectiology and Public Health | 3 | | 2 | A:J | 90 |
| 14 | G000871 Advanced Course in Animal Surgery Hilde De Rooster -- Department of Medicine and Clinical Biology of Small Animals | 4 | | 2 | A:1 | 120 |
| 15 | G000872 Companion Animal Medicine and Reproduction Sylvie Daminet -- Department of Medicine and Clinical Biology of Small Animals | 4 | | 2 | A:1 | 120 |
| 16 | G000873 Large Animal Medicine Gunther van Loon -- Department of Internal Medicine, Reproduction and Population Medicine | 3 | | 2 | A:1 | 90 |
| 17 | G000758 Clinical and Communicative Skills IV Annelies Decloedt -- Department of Internal Medicine, Reproduction and Population Medicine | 3 | | 2 | A:1 | 90 |
| 18 | G000874 Large Animal Reproduction and Obstetrics Geert Opsomer -- Department of Internal Medicine, Reproduction and Population Medicine | 3 | | 2 | A:1 | 90 |
| 19 | G000875 Legislation, Deontology, Professional Ethics and Practice Management Sarne De Vlieghe -- Department of Internal Medicine, Reproduction and Population Medicine | 5 | | 2 | A:1 | 150 |
| 20 | G000876 Diseases of Birds and Exotic Animals An Garmyn -- Department of Pathobiology, Pharmacology and Zoological Medicine | 3 | | 2 | A:1 | 90 |

1.2 General Clinical Education

8 credits

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

2 Courses Related to the Main Subject

77 credits

2.1 Cluster Production Animals

18 credits

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

2.1.1 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 [en, nl] Myriam Hesta -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition | 3 | | 2 | A:2 | 90 |
| 2 | G000889 Equine Medicine: Blended Package Gunther van Loon -- Department of Internal Medicine, Reproduction and Population Medicine | 3 | | 2 | A:2 | 90 |

2.2 Clinic Ruminants

20 credits

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

2.3 Graduation externship

9 credits

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|---|------|-----|-----|---------|-------|
| 1 | G000902 Externship Main Subject Ruminant Lieven Vlaminck -- Department of Large Animal Surgery, Anaesthesia and Orthopaedics | 9 | | 3 | A:J | 270 |

2.4 Master's thesis Ruminants

30 credits

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|--|------|-----|-----|---------|-------|
| 1 | G000833 Master's Dissertation I: Statistics and Experimental Design Luc Duchateau -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition | 6 | | 1 | A:J | 180 |
| 2 | G000869 Master's Dissertation II Pieter Cornillie -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition | 8 | | 2 | A:J | 240 |
| 3 | G000896 Master's Dissertation III Pieter Cornillie -- Department of Morphology | 8 | | 3 | A:J | 240 |
| 4 | G000903 Master's Dissertation IV Main Subject Ruminants Bart Pardon -- Department of Large Animal Internal Medicine | 8 | | 3 | A:J | 240 |

3 Majors

15 credits

[Subscribe to 1 major from the following list. Subject to approval by the faculty.](#)

3.1 Wildlife health in context of conservation

15 credits

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|---|------|-----|-----|---------|-------|
| 1 | G000915 Diseases of wildlife in a One Health perspective Lieve Rouffaer -- Department of Pathobiology, Pharmacology and Zoological Medicine | 3 | | 3 | A:1 | 90 |
| 2 | G000916 Pathologie of wildlife animals An Martel -- Department of Pathobiology, Pharmacology and Zoological Medicine | 4 | | 3 | A:1 | 120 |
| 3 | G000917 Conservation of Wildlife Animals, with Externship An Martel -- Department of Pathobiology, Pharmacology and Zoological Medicine | 4 | | 3 | A:1 | 120 |
| 4 | G000918 Wildlife Care and Rehabilitation, with Externship Lieve Rouffaer -- Department of Pathobiology, Pharmacology and Zoological Medicine | 4 | | 3 | A:1 | 120 |

3.2 Clinic International

15 credits

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|--|------|-----|-----|---------|-------|
| 1 | G000776 International Clinical Training Sarah Gabriël -- Department of Translational Physiology, Infectiology and Public Health | 15 | | 3 | A:J | 450 |

3.3 Clinic @ Home

15 credits

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|--|------|-----|-----|---------|-------|
| 1 | G000919 Intra Muros Clinical Training: Companion Animals Hilde De Rooster -- Department of Medicine and Clinical Biology of Small Animals | 15 | | 3 | A:J | 450 |
| 2 | G000920 Intra Muros Clinical Training: Horse Frederik Pille -- Department of Large Animal Surgery, Anaesthesia and Orthopaedics | 15 | | 3 | A:J | 450 |
| 3 | G000921 Intra Muros Clinical Training: Ruminants Geert Opsomer -- Department of Internal Medicine, Reproduction and Population Medicine | 15 | | 3 | A:J | 450 |

3.4 Veterinary Medicine in the Global South

15 credits

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|---|------|-----|-----|---------|-------|
| 1 | G000912 Animal Production in the Global South Geert Janssens -- Department of Veterinary and Biosciences | 3 | | 3 | A:J | 90 |
| 2 | G000911 Infectious Diseases in the Global South Sarah Gabriël -- Department of Veterinary Public Health and Food Safety | 4 | | 3 | A:J | 120 |
| 3 | G000931 Policy Development in the Global South Bruno Leveck -- Department of Translational Physiology, Infectiology and Public Health | 3 | | 3 | A:J | 90 |
| 4 | G000930 Veterinary Medicine Externship in the Global South Luc Duchateau -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition | 5 | | 3 | A:J | 150 |

3.5 Master of Science in Teaching

15 credits

Subscribe to 15 credit units from the 'teacher' component of the Educational Masters Health Sciences - Veterinary Medicine.

4 Elective Courses

3 credits

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

4.1

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|---|------|-----|-----|---------|-------|
| 1 | G000922 Animal Welfare, Law and Ethics Sanne De Vlieghe -- Department of Internal Medicine, Reproduction and Population Medicine | 3 | UKV | 3 | A:2 | 90 |
| 2 | G000924 Practice Management and entrepreneurship Sanne De Vlieghe -- Department of Internal Medicine, Reproduction and Population Medicine | 3 | | 3 | A:2 | 90 |
| 3 | G000925 Tropical Veterinary Medicine Bruno Leveck -- Department of Translational Physiology, Infectiology and Public Health | 4 | | 3 | A:J | 120 |

4.2 Elective Related to the Main Subject

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|--|------|-----|-----|---------|-------|
| 1 | G000805 Porcine Herd Health Medicine Dominiek Maes -- Department of Internal Medicine, Reproduction and Population Medicine | 3 | | 3 | A:J | 90 |
| 2 | G000927 Clinic: Diseases of Horses Gunther van Loon -- Department of Large Animal Internal Medicine | 3 | | 3 | A:J | 90 |

4.3

4 credits

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|--|------|-----|-----|---------|-------|
| 1 | G000923 Research Externship Ward De Spiegelaere -- Department of Morphology | 4 | | 3 | A:J | 120 |
| 2 | G000926 Advanced Externship Peter Daels -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition | 4 | | 3 | A:J | 120 |

4.4

Subscribe to 3 credit units from The study programme 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 |