

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]<br><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<br><i>Frank Pasmans -- Department of Pathobiology, Pharmacology and Zoological Medicine</i>                                    | 4    |     | 1   | A:1     | 120   |
| 3  | G000835 Parasitic Diseases and Zoonoses<br><i>Edwin Claerebout -- Department of Translational Physiology, Infectiology and Public Health</i>                                      | 5    |     | 1   | A:J     | 150   |
| 4  | G000836 Clinical Pharmacology<br><i>Mathias Devreese -- Department of Pathobiology, Pharmacology and Zoological Medicine</i>  | 4    |     | 1   | A:1     | 120   |
| 5  | G000837 Medical Imaging and Radioprotection<br><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<br><i>Hans Nauwynck -- Department of Translational Physiology, Infectiology and Public Health</i>                             | 4    |     | 1   | A:1     | 120   |
| 7  | G000839 Pathogenetics<br><i>Bart Broeckx -- Department of Veterinary and Biosciences</i>  | 4    |     | 1   | A:1     | 120   |
| 8  | G000840 General Surgery II<br><i>Ann Martens -- Department of Large Animal Surgery, Anaesthesia and Orthopaedics</i>  | 4    |     | 1   | A:2     | 120   |
| 9  | G000865 Toxicology<br><i>Siska Croubels -- Department of Pathobiology, Pharmacology and Zoological Medicine</i>   | 4    |     | 1   | A:2     | 120   |
| 10 | G000866 Domestic Animal Medicine<br><i>Bart Pardon -- Department of Internal Medicine, Reproduction and Population Medicine</i>   | 4    |     | 1   | A:2     | 120   |
| 11 | G000867 Organ Pathology<br><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<br><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<br><i>Sarah Gabriël -- Department of Translational Physiology, Infectiology and Public Health</i>                   | 3    |     | 2   | A:J     | 90    |
| 14 | G000871 Advanced Course in Animal Surgery<br><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<br><i>Sylvie Daminet -- Department of Medicine and Clinical Biology of Small Animals</i>                                       | 4    |     | 2   | A:1     | 120   |
| 16 | G000873 Large Animal Medicine<br><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<br><i>Annelies Decloedt -- Department of Internal Medicine, Reproduction and Population Medicine</i>                                 | 3    |     | 2   | A:1     | 90    |
| 18 | G000874 Large Animal Reproduction and Obstetrics<br><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<br><i>Sarne De Vliegher -- Department of Internal Medicine, Reproduction and Population Medicine</i> | 5    |     | 2   | A:1     | 150   |

|  |         |                                      |   |   |     |    |
|--|---------|--------------------------------------|---|---|-----|----|
| 20   | G000876 | Diseases of Birds and Exotic Animals | 3 | 2 | A:1 | 90 |
| <i>An Garmyn -- Department of Pathobiology, Pharmacology and Zoological Medicine</i> |         |                                      |   |   |     |    |

## 1.2 General Clinical Education 8 credits

| Nr | Course  | CRDT | Ref | MT1 | Session | Study |
|----|---|------|-----|-----|---------|-------|
| 1  | G000832 Clinical Training I<br><i>Ann Martens -- Department of Large Animal Surgery, Anaesthesia and Orthopaedics</i>                 | 4    |     | 1   | A:J     | 120   |
| 2  | G000877 Clinical Training II<br><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<br><i>Sylvie Daminet -- Department of Medicine and Clinical Biology of Small Animals</i>   | 4    |     | 2   | A:2     | 120   |
| 2  | G000879 Companion Animal Medicine II<br><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<br><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<br><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<br><i>Frederik Pille -- Department of Large Animal Surgery, Anaesthesia and Orthopaedics</i> | 5    |     | 2   | A:2     | 150   |
| 2  | G000884 Equine Medicine I<br><i>Gunther van Loon -- Department of Internal Medicine, Reproduction and Population Medicine</i>           | 5    |     | 2   | A:2     | 150   |
| 3  | G000885 Equine Medicine II<br><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<br><i>Myriam Hesta -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition</i> | 3    |     | 2   | A:2     | 90    |
| 2  | G000887 Ruminant Medicine: Blended Package<br><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<br><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<br><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<br><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<br><i>Myriam Hesta -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition</i> | 3    |     | 2   | A:2     | 90    |
| 2  | G000889 Equine Medicine: Blended Package<br><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<br><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<br><i>Herman Favoreel -- Department of Translational Physiology, Infectiology and Public Health</i> | 5    |     | 3   | A:1     | 150   |
| 3  | G000698 Scientific reasoning and communication<br><i>Filip Van Immerseel -- Department of Pathobiology, Pharmacology and Zoological Medicine</i>                                 | 3    |     | 3   | A:J     | 90    |
| 4  | G000799 Laboratory Animal Science [en]<br><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<br><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<br><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<br><i>Stijn Schauvliege -- Department of Large Animal Surgery, Anaesthesia and Orthopaedics</i> | 3    |     | 2   | A:2     | 90    |
| 2  | G000898 Clinical Training IV: Horse Medicine<br><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<br><i>Bart Pardon -- Department of Internal Medicine, Reproduction and Population Medicine</i> | 3    |     | 2   | A:2     | 90    |
| 2  | G000901 Clinical Training IV: Ruminant Medicine<br><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<br><i>Ingeborgh Polis -- Department of Medicine and Clinical Biology of Small Animals</i> | 9    |     | 3   | A:J     | 270   |
| 2  | G000899 Externship Main Subject Horse<br><i>Katrien Smits -- Department of Internal Medicine, Reproduction and Population Medicine</i>     | 9    |     | 3   | A:J     | 270   |
| 3  | G000902 Externship Main Subject Ruminant<br><i>Lieven Vlaeminck -- 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<br><i>Luc Duchateau -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition</i> | 6    |     | 1   | A:J     | 180   |
| 2  | G000869 Master's Dissertation II<br><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<br><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<br><i>Sarne De Vlieghe -- Department of Internal Medicine, Reproduction and Population Medicine</i> | 3    | UKV | 3   | A:2     | 90    |

|   |         |  |   |   |     |     |
|---|---------|--|---|---|-----|-----|
| 2 | G000924 | Practice Management and entrepreneurship<br><i>Sarne De Vlieghe -- Department of Internal Medicine, Reproduction and Population Medicine</i> | 3 | 3 | A:2 | 90  |
| 3 | G000925 | Tropical Veterinary Medicine<br><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<br><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<br><i>Ward De Spiegelaere -- Department of Morphology</i>  | 4    |     | 3   | A:J     | 120   |
| 2  | G000926 Advanced Externship<br><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 2026-2027     | f: annually, from 2027-2028     | i: annually, from 2028-2029     |
| b: tri-annually | d: bi-annually, from 2026-2027  | g: bi-annually, from 2027-2028  | j: bi-annually, from 2028-2029  |
|                 | e: tri-annually, from 2026-2027 | h: tri-annually, from 2027-2028 | k: tri-annually, from 2028-2029 |