

## Large Animal Reproduction and Obstetrics, with Clinical Training (G000755)

Due to Covid 19, the education and assessment methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

<b>Course size</b>	<i>(nominal values; actual values may depend on programme)</i>			
<b>Credits 4.0</b>	<b>Study time 120 h</b>	<b>Contact hrs</b>	40.0h	
<b>Course offerings and teaching methods in academic year 2021-2022</b>				
A (semester 1)	Dutch	Gent	online lecture	15.0h
			lecture	30.0h
<b>Lecturers in academic year 2021-2022</b>				
Opsomer, Geert		DIO8	lecturer-in-charge	
Daels, Peter		DIO8	co-lecturer	
Govaere, Jan		DIO8	co-lecturer	
Maes, Dominiek		DIO8	co-lecturer	
<b>Offered in the following programmes in 2021-2022</b>			<b>crdts</b>	<b>offering</b>
Master of Veterinary Medicine in Veterinary Medicine(main subject Companion Animals)			4	A
Master of Veterinary Medicine in Veterinary Medicine(main subject Horse)			4	A
Master of Veterinary Medicine in Veterinary Medicine(main subject Pig, Poultry and Rabbit)			4	A
Master of Veterinary Medicine in Veterinary Medicine(main subject Research)			4	A
Master of Veterinary Medicine in Veterinary Medicine(main subject Ruminants)			4	A

### Teaching languages

Dutch

### Keywords

Reproduction, obstetrics, large domestic animals.

### Position of the course

Education in reproduction and obstetrics of large domestic animals including practicals. Also an initiation in herd fertility control (cattle, swine, sheep) and stud management in horses is taught in this course.

### Contents

Reproduction and obstetrics in large domestic animals, including modern breeding techniques such as artificial insemination and an initiation in udder health will be taught to the students. Focus is on cattle, horse, sheep and goats and swine.

### Initial competences

First year master

Subscribing for this course is only possible after obtaining a bachelor degree in veterinary medicine or when enrolled in a GIT trajectory in veterinary medicine between the third bachelor and first master year.

For students who are not currently enrolled in the UGent veterinary medicine studies is subscription for this course only possible if they comply with the majority of final competences of the bachelor in veterinary medicine degree and after approval of the curriculum commission.

### Final competences

- 1 The students should have a profound knowledge of obstetrics, reproduction and the principles of herd health in farm animals and horses.
- 2 The students should have profound knowledge of abnormalities in reproduction and obstetrics in farm animals.
- 3 Students should know how to clinically examine a farm animal suffering from a

reproductive problem in order to come to a (differential) diagnosis and an appropriate treatment.

- 4 The students should be able to make a diagnosis in a farm animal suffering from a reproductive problem. Once the diagnosis is made, the student should be able to propose a first choice treatment.
- 5 The student should be able to assess a clinical situation/problem from a variety of perspectives.
- 6 The student should be able to approach a clinical situation taking into consideration the welfare of the animal and the economics of the herd.
- 7 The student should be aware of the necessity of life long learning.
- 8 The student should be aware of the necessity of evidence based learning.
- 9 The student should be aware of the necessity of the 'one-health' approach when dealing and solving a clinical problem in farm animals. The correct use of antimicrobials is a very good example of this.
- 10 The student should be able to correctly assess a clinical situation taking into account the situation of the animal (eg animal welfare) - the owner of the animals/herd manager (eg economics and labor) - the public (public health approach).

#### **Conditions for credit contract**

Access to this course unit via a credit contract is determined after successful competences assessment

#### **Conditions for exam contract**

This course unit cannot be taken via an exam contract

#### **Teaching methods**

Online lecture, Lecture

#### **Extra information on the teaching methods**

Lectures, focusing on problem based learning.

#### **Learning materials and price**

Materials taught during the classes. Teachers will provide a course book or will refer to a specific handbook or refer to (inter)national publications.

#### **References**

#### **Course content-related study coaching**

Direct contact between teachers and students will be stimulated. Teachers are easily reachable in case of questions and/or problems.

#### **Assessment moments**

end-of-term assessment

#### **Examination methods in case of periodic assessment during the first examination period**

Written examination with multiple choice questions

#### **Examination methods in case of periodic assessment during the second examination period**

Written examination with multiple choice questions

#### **Examination methods in case of permanent assessment**

#### **Possibilities of retake in case of permanent assessment**

examination during the second examination period is possible

#### **Extra information on the examination methods**

Periodical evaluation, written exam (multiple choice). Examination content: the study material discussed during the lectures. Emphasis of the exam: insight and factual knowledge: examination of the patient, interpretation of symptoms, developing a differential diagnosis, making a diagnosis and treatment protocol.

#### **Calculation of the examination mark**

Students who eschew period aligned and/or non-period aligned evaluations for this course unit may be failed by the examiner.

