

Course Specifications

Valid as from the academic year 2017-2018

Clinical training in Surgery and Anesthesia of Horses (G000669)

Course size (nominal values; actual values may depend on programme)

Credits	9.0	Study time	270 h	Contact hrs	200.0 h
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Course offerings and teaching methods in academic year 2018-2019

A (year)	Dutch	clinic	182.5 h
		lecture	5.0 h
		practicum	12.5 h

Lecturers in academic year 2018-2019

Martens, Ann	D110	lecturer-in-charge
Gasthuys, Frank	DI61	co-lecturer
Oosterlinck, Maarten	D110	co-lecturer
Pille, Frederik	D110	co-lecturer
Schauvliege, Stijn	D110	co-lecturer
Vlaminck, Lieven	D110	co-lecturer

Offered in the following programmes in 2018-2019

	crdts	offering
Master of Veterinary Medicine in Veterinary Medicine (main subject Research)	9	A

Teaching languages

Dutch, English

Keywords

Surgery, anaesthesia, orthopaedic examination, horse, option research

Position of the course

This course contributes to the learning and insight of all practical aspects of surgery, anaesthesia and lameness exam in horses. A limited number of theoretical lectures highlights up to date subjects but the focus of this course is the practical training through clinics and practical exercises.

Contents

The focus of this course is to practice the examination and treatment of soft tissue and orthopaedics disorders in the horse, through an active involvement of the student in equine clinic of the department of surgery and anaesthesiology. The student has 9 weeks of clinical training: 2 weeks of hospitalisation, 2 weeks of surgery, 3 weeks of orthopaedic examination (including a training in diagnostic imaging) and 2 weeks of evening-, night- and weekend duty. Besides this clinical training, a few theoretical courses are given, as well as practical exercises for small student groups.

Initial competences

A good knowledge of normal anatomy, physiology, pathology and pharmacology is required. This courses formed the continuation of the surgical courses organised in the 4th and 5th year of veterinary medicine. 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 competencies of the bachelor in veterinary medicine degree and after approval of the curriculum commission.

Final competences

The final attainment level includes knowledge, insight and practical application of the most common examination and treatment methods for equine orthopaedic and surgical disorders. It also includes knowledge of the practical application of the standard anaesthetic techniques in the horse.

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

Lecture, clinic, practicum

Extra information on the teaching methods

Students are exposed to the different aspects of anaesthesia, surgery and lameness examination during the daily clinical work. Students mainly have an assisting task in these clinics but are involved in the practical handling wherever possible (lameness examination, treatment of hospitalised patients, assistance to surgeries, monitoring of anaesthesia,...). The practical exercises are organised in smaller groups and consist of a more intense and specific training, on cadavers (suturing, diagnostic anaesthesia of the lower limb, dental examination and care, ...) or horses (ophthalmic examination). Practical exercises on equine castration in small groups are also organised.

Learning materials and price

A syllabus is provided for the practical exercises. The knowledge for the training in the clinics can be found in the surgery syllabus of the 4th and 5th year of veterinary medicine. Reference books and articles are available in the central library and the library of the department.

References

Reference books on surgery, anaesthesia and lameness examination are available for the students, as well as electronical teaching facilities (IVIS, The Glass Horse, Equad,...)

Course content-related study coaching

No specific tutoring is provided for this course. Eventual problems can be discussed with the tutors through personal contact (most commonly) or email.

Evaluation methods

end-of-term evaluation and continuous assessment

Examination methods in case of periodic evaluation during the first examination period

Written examination

Examination methods in case of periodic evaluation during the second examination period

Written examination

Examination methods in case of permanent evaluation

Participation, job performance assessment

Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible

Extra information on the examination methods

The periodical evaluation is an exam where questions on clinical cases (showed as slides) should be answered within a certain timeframe. The clinical knowledge, practical competence, attitude and work commitment of the student is evaluated in a permanent way (weekly). Participation to the planned clinics is mandatory.

Calculation of the examination mark

The global score of the student is based on both the permanent evaluation and the score on the exam. Intentional absence to the planned clinical activities does not allow a permanent evaluation and can result in an insufficient global mark.

Facilities for Working Students

none