Course Specifications
Valid as from the academic year 2019-2020

Companion Animal Medicine, With Clinical Training I (G000759)

Course

Course offerings and teaching methods in academic year 2019-2020

A (semester 2) Dutch lecture 25.0 h
            clinic  20.0 h

Lecturers in academic year 2019-2020

Saunders, Jimmy DI11 lecturer-in-charge
Bhatti, Sofie DI09 co-lecturer
De Keuster, Tiny DI51 co-lecturer
Gielen, Ingrid DI11 co-lecturer
Hesta, Myriam DI07 co-lecturer
Paepe, Dominique DI09 co-lecturer
Ruiz Suarez, Norberto DI07 co-lecturer
Smets, Pascale DI09 co-lecturer

Offered in the following programmes in 2019-2020

Master of Veterinary Medicine in Veterinary Medicine (main subject Companion Animals) 3 A
Master of Veterinary Medicine in Veterinary Medicine (main subject Research) 3 A
Joint Section Master of Veterinary Medicine in Veterinary Medicine 3 A

Teaching languages
Dutch, English

Keywords
Behavioural medicine, cardiology, medical imaging, nutrition, neurology, respiratory disorders, companion animals, dog, cat

Position of the course

The objective of this course is making a diagnosis and formulating a treatment of diseases of companion animals (dog and cat) based on case history and clinical and more advanced examinations. This course is an extension of the introductory course on internal medicine of companion animals: common diseases are discussed in depth and less frequent diseases are mentioned. These objectives are a part of general objectives of the master cycle program in veterinary medicine by offering the students the specific knowledge and skills for a future professional career. Further, the student will get insights into the referral process between 1st and 2nd line medicine.

Contents

The content is a theoretical part in which internal medicine of companion animals is discussed per organsystem (eye, skin, endocrinum, liver, urinary, digestive, respiratory, cardio-vascular and nervous system, disorders of muscle, blood and blood forming organs). Further common clinical problems and their approach will be systematically discussed. The oncology patient will receive the needed attention. The course contents 5 parts: I: gastro-enterology and uronefrology, II: endocrinology, cytology and hematology, III: neurology and dermatology, IV: cardiology and respiratory, V: oncology, oftalmology and complements (including problem oriented approach, fluidtherapy). During case discussions, students will learn how to formulate a

(Draft -- caution, this is not the final version)
problem list, differential diagnosis, diagnostic- and therapeutic plan.
The practical part of the course contains clinical work (examination and treatment of patients).

Initial competences
Knowledge of the normal structure and function of companion animals, infectious and metabolic disorders, clinical examination of companion animals as well as pharmacology and immunology are needed for starting this course.
This starting level is part of the final attainment level of the bachelor program in veterinary medicine and the first year of the master cycle.
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
1. Having knowledge of and insight in the most common diseases of companion animals and prophyaxics, mostly drawing up a problem list and complementary examinations are of importance.
2. These end terms are part of the end terms of the education of veterinarians, more specifically an advanced knowledge of and insight in the profession of veterinarian.
3. To be able to state a differential diagnosis of the most common diseases of companion animals.
4. To be able to work out a treatment of the most common diseases of companion animals, including clinical nutritional advice.
5. To be able to perform a physical examination of dog and cat and to apply all regular veterinary treatment (taking blood samples, injections, administering peroral medication,...) on patients.
6. To be able to judge a clinical situation from different perspectives (multiperspectivisme).
7. To be able to recognize the importance of multidisciplinarity for reaching a diagnosis for the most common diseases of companion animals.
8. To understand the importance of continued education and referral.

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

Extra information on the teaching methods
Formal lectures are the main method for the course.
Practical training takes place in the clinic in smaller groups. Additionally, there is a practicum on nutrition.

Learning materials and price
The course material consists of a syllabus or referral books. Further, didactic material (PPT, illustrations) are available through the electronic platform (minerva.ugent.be).
Students are actively stimulated to consult referral books (Ettinger&Feldman, Nelson&Couto, Coté) and to search for additional information through the electronic databank of the University (web of science). Extra video material is available through the veterinary digital platform.

References

Course content-related study coaching
No formal tutoring is foreseen. Personal contacts with the teachers are always possible in order to discuss problems. Also in the clinic there is the possibility to interact with the teachers.

Evaluation methods
end-of-term evaluation and continuous assessment

Examination methods in case of periodic evaluation during the first examination period
Written examination with open questions

(Draft -- caution, this is not the final version)
Examination methods in case of periodic evaluation during the second examination period

Written examination with open questions

Examination methods in case of permanent evaluation

Participation, skills test

Possibilities of retake in case of permanent evaluation

Examination during the second examination period is possible

Extra information on the examination methods

A: periodical evaluation
B: permanent evaluation

Students are assessed based on their presence after 1 week of clinical rotation. The presence and active participation during all clinical exercises is compulsory. The student who is not available for this evaluation (for example because of unaccounted absence), can get an insufficient evaluation for this course.

B: Permanent evaluation of dedication and skills.

Calculation of the examination mark

If the student doesn't participate in the evaluation of one or more parts of this course or has less than 8/20 for one of the four parts named above, he/she can not succeed the complete course. If the total end score should amount to 10/20 or more, this will be reduced to the highest non-passable grade (9/20).