Course Specifications
Valid as from the academic year 2016-2017

Course offerings and teaching methods in academic year 2018-2019
A (semester 1) Dutch lecture 30.0 h
practicum 15.0 h

Lecturers in academic year 2018-2019
Geldhof, Peter DI04 lecturer-in-charge

Offered in the following programmes in 2018-2019
Bachelor of Science in Veterinary Medicine 4 A

Teaching languages
Dutch

Keywords
Parasite, biology, animal

Position of the course
The objective of this course is to provide insight in the general biology of the most important parasites of animals (farm animals and companion animals). Special attention is given to the understanding of the life cycle of the parasites. The objective of the practical course is to gain insight in the morphology of the parasites.

Contents
Some important definitions and basic principles of parasitology are explained in the general introduction. The course is divided into the following parts: Protozoa, Helminths (Nematodes, Cestodes and Trematodes) and Arthropods. Of each parasite the taxonomy, the morphology, the geographical distribution and the life cycle are discussed. The pathological importance of the parasites for animals and/or humans is also briefly mentioned, to provide a link to the course Parasitic Diseases and Zoonoses. During the five practical courses (Protozoa; Helminths (2); Acaridia and Insecta) the student learns to identify parasites by macroscopical or microscopical examination.

Initial competences

Final competences
1 Knowledge on the taxonomy of the parasites
2 Knowledge of the morphology and life cycle of the parasites
3 Understanding the geographic distribution of the parasites
4 Ability to identify parasites based on morphology and taxonomy
5 Ability to predict pathogenesis and epidemiology of the parasites based on their life cycle

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

Conditions for exam contract
Access to this course unit via an exam contract is unrestricted

Teaching methods
Lecture, practicum

Extra information on the teaching methods

(Approved)
Two teaching methods are used: tutorials and practical trainings (5 practical trainings of 2 hours in groups of approximately 25 students).

Learning materials and price
The course material consists of a syllabus for the tutorials and a syllabus for the practical trainings (available free of charge on Minerva) + a number of digitalised images of microscopical slides from the practicals (available free of charge in Olyvia).

References

Course content-related study coaching
During the practical trainings the students are helped by a member of the academic staff. No formal tutoring is provided otherwise. Problems can be discussed with the academic staff by e-mail or by personal contact.

Evaluation methods
end-of-term evaluation

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

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

Examination methods in case of permanent evaluation

Possibilities of retake in case of permanent evaluation
not applicable

Extra information on the examination methods
Theory: a theoretical examination, written: principal questions are clearly distanced from more detailed questions (as stated during the colleges)
Examination content: the study material discussed during colleges and practical sessions. In the syllabus and during the colleges (both theory and practical) it is clearly indicated which content and parasite species are important for the principal questions and the more detailed questions.

Calculation of the examination mark
Points examination: x /80 points;
Students who eschew period aligned and/or non-period aligned evaluations for this course unit may be failed by the examinator.