

**Parasitology**

Code: 102659  
ECTS Credits: 3

Degree	Type	Year	Semester
2502445 Veterinary Medicine	OB	1	2

The proposed teaching and assessment methodology that appear in the guide may be subject to changes as a result of the restrictions to face-to-face class attendance imposed by the health authorities.

**Contact**

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**Use of Languages**

Principal working language: catalan (cat)  
Some groups entirely in English: No  
Some groups entirely in Catalan: Yes  
Some groups entirely in Spanish: No

**Teachers**

Joaquín Castellà Espuny  
David Ferrer Bermejo  
Ana Maria Ortuño Romero

**Prerequisites**

Although there are no official prerequisites, it is advisable for the student to review the basic contents of Biology.

**Objectives and Contextualisation**

This is a compulsory subject in the first year in which the student will have to acquire the theoretical and practical  
Develop the student's attitude towards the Parasitic Diseases and Zoonosis

**Competences**

- Analyse, synthesise and resolve problems and make decisions.
- Demonstrate knowledge, understanding and differentiation of the main biological agents of veterinary interest.
- Perform basic analytical techniques and interpret the clinical, biological and chemical results, and interpret the results of tests generated by other laboratories.

**Learning Outcomes**

1. Analyse the importance of parasites in the field of animal health, public health and animal products.
2. Analyse, synthesise and resolve problems and make decisions.
3. Explain the basic principles of relationships between parasites and hosts.

4. Obtain, treat, recognise, identify and classify the main species of parasites of veterinary interest.
5. Properly apply the nomenclature and systematics of parasites.
6. Recognise the morphology and biology of the main parasites that affect animals.

## Content

General concepts of parasitology and parasitism. Relationships between parasites and hosts. Study of biology, m

### 1- GENERAL CONCEPTS

Presentation. General concepts Types of parasites. Types of hosts. Biolc

### 2- PROTOZOUS

Introduction to Protists. Flagellates of the digestive tract. Leishmania Her

### 3- PLATYHELMINTHES (FLATWORMS and TAPEWORMS)

Introduction to flatworms. Fasciola and Dicrocoelium. Introduction to tape

### 4- NEMATHELMINTHES

Introduction. Rhabditida. Oxyurida. Ascaridida. Strongylida. Spirurida. Er

### 5- ARTHROPODS

Introduction to veterinary entomology. Mites and ticks. Fleas and lice. Di

## Methodology

The methodology that will be carried out during the entire learning process is based essentially on the student's v

Lectures: Student acquires the basic scientific and technical knowledge c

Practical sessions: These sessions aim to develop skills and integrate pr

The teaching material used in the course will be available on the Virtual C

Annotation: Within the schedule set by the centre or degree programme, 15 minutes of one class will be reserved for students to evaluate their lecturers and their courses or modules through questionnaires.

## Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Lab practical sessions	10	0.4	1, 2, 5, 4, 6
Lectures	16	0.64	1, 5, 3, 4, 6
Type: Autonomous			
Self-learning	12	0.48	1, 2, 6
study	34	1.36	1, 2, 4, 6

## Assessment

In order to pass the subject, students will have to pass different evaluation tests:

- A test in the classroom that will be done at the end of the subject and evaluate the theoretical contents and that will ponder 50% of the final grade. The test can combine test and short answer questions.
- A second test, also carried out in the classroom, will evaluate the theoretical and practical knowledge based on pictures that will include all the contents of the subject (theory and practice). The questions may also be considered in a test or short question format, the weighting of this part will be 40%.
- A third of the final grade corresponds to a work that the student must submit at the end of the subject. The grade obtained will weigh 10% of the final grade of the subject.

The three parts will be compensable from a minimum mark. In order to pass the subject, you must obtain a final grade of at least 5 out of 10. Those students who have not passed any of the two classroom tests may submit the day of the recovery, examining the part or parts suspended.

## Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Exams. Written / oral tests and reviews. Continuous evaluation	100	3	0.12	1, 2, 5, 3, 4, 6

## Bibliography

### Llibres de text en paper

- CORDERO DEL CAMPILLO, M. y col. (1999). Parasitología Veterinaria. McGraw-Hill - Interamericana. Madrid.
- DEPLAZES, p. et. al. (2016). Parasitology in Veterinary Medicine. Wageningen Academic Publishers.
- URQUHART, G.M. et al. (1996) . Veterinary Parasitology. Second Edition. Blackwell Science. UK.

### Llibres digitals (UAB)

- Animal Parasites  
(<https://login.are.uab.cat/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edspub&AN=e>)
- Canine Parasites and Parasitic Diseases  
(<https://login.are.uab.cat/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edspub&AN=e>)
- General Parasitology  
(<https://login.are.uab.cat/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edspub&AN=e>)
- Georgi's Parasitology for Veterinarians  
(<https://login.are.uab.cat/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edspub&AN=e>)
- Principles of Veterinary Parasitology  
(<https://login.are.uab.cat/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edspub&AN=e>)
- Veterinary Parasitology  
(<https://login.are.uab.cat/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edspub&AN=e>)
- Veterinary Parasitology  
(<https://login.are.uab.cat/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edspub&AN=e>)

### Webs

- <http://www.dpd.cdc.gov/dpdx/>

## Software

No hi ha programari recomanat