

**Parasitology**

Code: 102659  
ECTS Credits: 3

**2025/2026**

Degree	Type	Year
Veterinary Medicine	OB	1

## Contact

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## Teachers

Joaquín Castella Espuny

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## Teaching groups languages

You can view this information at the [end](#) of this document.

## 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 knowledge to develop the student's attitude towards the Parasitic Diseases and Zoonoses.

## 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, synthesise and resolve problems and make decisions.
2. Analyse the importance of parasites in the field of animal health, public health and animal products.
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, n

### 1- GENERAL CONCEPTS

Presentation. General concepts Types of parasites. Types of hosts. Biology of parasites. Parasitism

### 2- PROTOZOUS

Introduction to Protists. Flagellates of the digestive tract. Leishmania Herpetomonas. Giardia lamblia

### 3- PLATYHELMINTHES (FLATWORMS and TAPEWORMS)

Introduction to flatworms. Fasciola and Dicrocoelium. Introduction to tapeworms. Taenia solium. Taenia saginata

### 4- NEMATHELMINTHES

Introduction. Rhabditida. Oxyurida. Ascaridida. Strongylida. Spirurida. Enterobiotida

### 5- ARTHROPODS

Introduction to veterinary entomology. Mites and ticks. Fleas and lice. Diptera. Lepidoptera. Hymenoptera

## Activities and Methodology

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

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

Lectures: Student acquires the basic scientific and technical knowledge of the subject.

Practical sessions: These sessions aim to develop skills and integrate practical knowledge.

The teaching material used in the course will be available on the Virtual Learning Environment.

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.

## Assessment

### Continous Assessment Activities

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

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. The grade should be at least 5 out of 10 to pass the test.
- 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%. The grade should be at least 5 out of 10 to pass the test.
- A third of the final grade corresponds to an assignment that will be assessed by answering a question. The grade obtained will weigh 10% of the final grade of the subject.

The student has to obtain a final grade of at least 5 out of 10 to pass the subject. 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.

No single assessment is considered.

No assessment will be considered when just 10% of the subject has been assessed.

## Bibliography

Books:

- 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.

Digital Books:

- 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=e0000000000000000000000000000000>)
- Principles of Veterinary Parasitology  
(<https://login.are.uab.cat/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edspub&AN=e0000000000000000000000000000000>)
- Veterinary Parasitology  
(<https://login.are.uab.cat/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edspub&AN=e0000000000000000000000000000000>)
- Veterinary Parasitology  
(<https://login.are.uab.cat/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edspub&AN=e0000000000000000000000000000000>)

## Webs

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

## Software

No hi ha programari recomanat

## Groups and Languages

Please note that this information is provisional until 30 November 2025. You can check it through this [link](#). To consult the language you will need to enter the CODE of the subject.

Name	Group	Language	Semester	Turn
(PLAB) Practical laboratories	1	Catalan	second semester	morning-mixed
(PLAB) Practical laboratories	2	Catalan	second semester	morning-mixed
(PLAB) Practical laboratories	3	Catalan	second semester	morning-mixed
(PLAB) Practical laboratories	4	Catalan	second semester	morning-mixed
(PLAB) Practical laboratories	5	Catalan	second semester	morning-mixed
(PLAB) Practical laboratories	6	Catalan	second semester	morning-mixed
(PLAB) Practical laboratories	7	Catalan	second semester	morning-mixed
(TE) Theory	1	Catalan	second semester	morning-mixed
(TE) Theory	2	Catalan	second semester	morning-mixed