



UNIVERSIDAD DE CORDOBA

FACULTAD DE VETERINARIA
GRADO DE VETERINARIA
2024/25 YEAR
PATOLOGÍA GENERAL



Course details

Course name: PATOLOGÍA GENERAL**Code:** 101458**Degree/Master:** GRADO DE VETERINARIA**Year:** 2**Field:** FISIOLÓGÍA Y PATOLOGÍA GENERAL**Character:** BASICA**Duration:** SECOND TERM**ECTS Credits:** 4.5**Classroom hours:** 45**Face-to-face classroom percentage:** 40.0%**Study hours:** 68**Online platform:** <https://moodle.uco.es/>

Coordinating teacher

Name: MENOR CAMPOS, DAVID JOSE**Department:** MEDICINA Y CIRUGÍA ANIMAL**Office location:** Department Animal Medicine and Surgery**E-Mail:** david.menor@uco.es**Phone:** 957218711

Brief description of the contents

General pathology is a basic and fundamental subject for the study of special pathologies.

The main objective is to ensure that students acquire the vocabulary and knowledge that will enable them to understand what a disease is and the physiopathological mechanisms involved in a pathological process, the origin of the symptoms and the consequences.

With this, the student will acquire the knowledge, skills and competences necessary to start diagnosing the alterations of the different organs and systems that make up an animal organism.

This subject is part of the bilingual itinerary of the Veterinary Degree at the UCO.

Prerequisites

Prerequisites established in the study plan

English level B1

Recommendations

English level B2 or higher

Study programme

1. Theory contents

Nosology:

Nosology, nosonomy, nosotaxy, nosography

Physiopathology:

Physiopathology of thermoregulation. Fluid and electrolyte imbalance

Physiopathology of the respiratory system

Physiopathology of the cardiovascular system

Physiopathology of blood

Physiopathology of urinary system

Physiopathology of digestive system

Physiopathology of nutrition and metabolism

Physiopathology of endocrine system

Physiopathology of nervous system

Physiopathology of behavioural problems

2. Practical contents

Interpretation of biochemical profiles

Clinical cases of hematology

Clinical cases of respiratory system

Clinical cases of cardiovascular system

Clinical cases of digestive system

Clinical cases of urinary system

Clinical cases of endocrine system

Clinical cases of nervous system

Clinical cases of metabolism

Bibliography

1. Bibliografía básica

CASTRO DEL POZO S DEL, PÉREZ ARELLANO JL (2006). Manual de patología general. Editorial: Masson

CARDA P, GÓMEZ-CARDENAS G (1990). Patología general veterinaria. I. Nosología. Editorial: Acribia

CARDA P, GÓMEZ-CARDENAS G, SANCHEZ GARNICA C (1976). Fisiopatología general y comparada de los animales domésticos. Editorial: Biblioteca de biología aplicada.

Diccionario terminológico de las Ciencias Médicas (1993). Editorial: Salvat.

LATIMER, K.S.; MAHAFFEY, E.A.; PRASSE, K.W.(2003). Duncan & Prasse 's Veterinary Laboratory Medicine.

Clinical Pathology. Iowa, Iowa State Press.

2. Bibliografía complementaria

BLOOD DC, RADOSTITS OM, GAY HC, HINCHCLIFF KW (2006). Veterinary medicine: a textbook of

the diseases

of the cattle, horse, sheep, pigs and goats. Editorial: McGraw-Hill Interamericana.

DUNLOP RH, MALBERT CH (2004). Veterinary pathophysiology. Editorial: Blackwell publishing

Ettinger SJ, Feldman EC (2008). Tratado de medicina interna veterinaria. Editorial: Elsevier

NELSON, R.W.; COUTO, C.G.: Small Animal Internal Medicine. St Louis, MO, Mosby Elsevier, 2009.

Reed SM,

Bayly WM,

Methodology

Methodological adaptations for part-time students and students with disabilities and special educational needs

Enrolled Students in the part-time degree, and special needs students will have particular considerations.

Face-to-face activities

Activity	Large group	Medium group	Small group	Total
Information processing activities	-	7	14	21
Projects based on the course contents	20	-	-	20
Written expression activities	4	-	-	4
Total hours:	24	7	14	45

Off-site activities

Activity	Total
Exercise and problem solving activities	10
Information processing activities	52.5
Information search activities	5.5
Total hours	68.0

Results of the training and learning process

Knowledge, competencies and skills

- CB4 To be capable of communication information, ideas, problems and solutions to an audience whether they're specialised or not.
- CT2 team work
- CT5 ethical compromise
- CE26 Overview and pathogenesis of the general changes in terms of function and structure within cells, tissues, organs and systems

CE27 nosology

Assessment methods and instruments

Intended learning outcomes	Examination	Means of practical execution	Students assignments
CB4			X
CE26	X	X	
CE27	X	X	
CT2			X
CT5		X	
Total (100%) Minimum grade (*)	60% 5	30% 4	10% 4

(*)Minimum mark (out of 10) needed for the assessment tool to be weighted in the course final mark. In any case, final mark must be 5,0 or higher to pass the course.

General clarifications on instruments for evaluation:

Repeaters must take again the practical cases, multiple choice exam, short answer tests ("Means of practical execution") and individual work ("Students assignments") to add those scores in the final mark

Specific clarifications on the partial evaluations:

- The minimum score to pass the midterm is 5.
- Blank questions, or questions with answers not related to the question, will not be admitted in the midterm exam.
- The midterm grades are valid for June and July of the same academic year.

Clarifications on the methodology for part-time students and students with disabilities and special educational needs:

Enrolled Students in the part-time degree, and special needs students will have particular considerations.

Clarifications on the evaluation of the extraordinary call and extra-ordinary call for completion studies:

First extraordinary call and extraordinary call will no have special considerations. Subject's content will be evaluated through a written exam, which will include multiple choice or short questions

Qualifying criteria for obtaining honors:

Maximum scores in exams and all other activities - the practical cases, multiple choice exam, short answer tests (1)

Sustainable development goals

Good health and well-being

Other Faculty

Name: MUÑOZ JUZADO, ANA MARIA

Department: MEDICINA Y CIRUGÍA ANIMAL

Office location: Department Animal Medicine and Surgery

E-Mail: pv1mujua@uco.es

Phone: 957218711

Name: RAYA BERMÚDEZ, ANA ISABEL

Department: MEDICINA Y CIRUGÍA ANIMAL

Office location: Department Animal Medicine and Surgery

E-Mail: v82rabea@uco.es

Phone: 957218711

The methodological strategies and the evaluation system contemplated in this Teaching Guide will respond to the principles of equality and non-discrimination and must be adapted according to the needs presented by students with disabilities and special educational needs in the cases that are required. Students must be informed of the risks and measures that affect them, especially those that may have serious or very serious consequences (article 6 of the Safety, Health and Welfare Policy; BOUCO 23-02-23).
