COURSE DESCRIPTION

COURSE DETAILS

Title (of the course): **PATOLOGÍA GENERAL**
Code: 101458
Degree/Master: **GRADO DE VETERINARIA** Year: 2
Name of the module to which it belongs: FORMACIÓN BÁSICA COMÚN
Field: FISIOLOGÍA Y PATOLOGÍA GENERAL
Character: BASICA Duration: SECOND TERM
ECTS Credits: 4.5 Classroom hours: 45
Face-to-face classroom percentage: 40.0% Study hours: 67.5
Online platform: https://moodle.uco.es/m1920/course/view.php?id=660

LECTURER INFORMATION

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PREREQUISITES AND RECOMMENDATIONS

Prerequisites established in the study plan

English B1 (Bilingual option)

Recommendations

This subject is partially developed in English, in an optional way, according to "Plan para el Fomento del Plurilingüismo de la Universidad de Córdoba 2014-2017".
(
https://www.uco.es/poling/pdf/Plan_Fomento_Plurilinguismo_UCO_14_17.pdf)

INTENDED LEARNING OUTCOMES

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 pathogenisis of the general changes in terms of function and structure within cells, tisues, organs and systems
CE27	nosology

COURSE DESCRIPTION

OBJECTIVES

Physiopathology is a basic and fundamental subject for the study of special pathologies. The main objective is to acquire the vocabulary and the knowledge to understand what a disease is, the pathophysiological mechanisms involved in the disease process, the origin of the symptoms and the consequences.

CONTENT

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

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
TEACHERS' RESEARCH INTEREST
Pathophysiology of exercise and training in the sport horse(Ana Muñoz Juzado)
Mineral metabolism physiopathology in the chronic kidney damage (Ana Raya Bermúdez)
Stress physiopathology (David J. Menor Campos)

COURSE DESCRIPTION

METHODOLOGY

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

The particular considerations of students in the part-time degree will be considered

Face-to-face activities

Activity	Large group	Medium group	Small group	Total
Assessment activities	4	-	-	4
Case study	-	7	14	21
Lectures	20	-	-	20
Total hours:	***24***	***7***	***14***	***45***

Off-site activities

Activity	Total
Analysis	2.5
Exercises	10
Information search	2.5
Reference search	2.5
Self-study	50
Total hours	***67.5***

WORK MATERIALS FOR STUDENTS

Case studies
Dossier
Lessons summary
Oral presentations
References

EVALUATION

Intended learnig	Case study/clinical case discussion/scientific work discussion	Document Analysis	Exams	Problem solving
CB4		X		
CE26	X		X	X

COURSE DESCRIPTION

Intended learnig	Case study/clinical case discussion/scientific work discussion	Document Analysis	Exams	Problem solving
CE27	X		X	X
CT2		X		
CT5	X			
Total (100%)	***10%***	***10%***	***70%***	***10%***
Minimum grade	***0***	***0***	***4***	***0***

(*)Minimum grade necessary to pass the course

¿Valora la asistencia?:

No

General clarifications on instruments for evaluation:

Repeaters students must take again the practical cases, multiple choice exam, short answer tests and group work

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

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

Qualifying criteria for obtaining honors:

Maximum scores in exams and all other activities

BIBLIOGRAPHY

1. Basic Bibliography

- 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.

2. Further reading

- 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
- Reed SM, Bayly WM, Sellon DC (2017). Equine internal medicine. 4th edition. Editorial: Saunders

COORDINATION CRITERIA

Common evaluation criteria

COURSE DESCRIPTION

Joint activities: lectures, seminars, visits ...
Tasks deadlines
Tasks performance

SCHEDULE

Period	Assessment activities	Case study	Lectures
1# Fortnight	0,0	3,0	2,0
2# Fortnight	0,0	3,0	4,0
3# Fortnight	0,0	3,0	2,0
4# Fortnight	2,0	3,0	3,0
5# Fortnight	0,0	3,0	3,0
6# Fortnight	0,0	3,0	3,0
7# Fortnight	2,0	3,0	3,0
Total hours:	***4,0***	***21,0***	***20,0***

The methodological strategies and the evaluation system contemplated in this Course Description will be adapted according to the needs presented by students with disabilities and special educational needs in the cases that are required.

CONTINGENCY PLAN: CASE SCENARIO A

Case scenario A will correspond to a diminished on-site academic activity due to social distancing measures affecting the permitted capacity of classrooms.

METHODOLOGY

General clarifications on the methodology on case scenario A

A multimodal (hybrid) teaching system will be adopted, combining both on-site and remote classes via videoconference (synchronous) that will be held in the timetable approved by the corresponding Faculty or School. The time distribution of teaching activities (both on-site and remote) will be decided by the aforementioned Faculties and Schools bearing in mind the permitted capacity of classrooms and social distancing measures as established at that time.

COURSE DESCRIPTION

EVALUATION

Intended learnig	Case study/clinical case discussion/scientific work discussion	Document Analysis	Exams	Problem solving
CB4		X		
CE26	X		X	X
CE27	X		X	X
CT2		X		
CT5	X			
Total (100%)	***15%***	***10%***	***60%***	***15%***
Minimum grade	***4***	***4***	***4***	***4***

(*)Minimum grade necessary to pass the course

Attendance will be assessed (Scenario A)?:

No

General clarifications on instruments for evaluation (Scenario A):

Repeaters students must take again the practical cases, multiple choice exam, short answer tests and group work

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

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

Qualifying criteria for obtaining honors (Scenario A):

Maximum scores in exams and all other activities

CONTINGENCY PLAN: CASE SCENARIO B

Case scenario B will bring about a suspension of all on-site academic activities as a consequence of heath measures.

METHODOLOGY

General clarifications on the methodology on case scenario B

On-site teaching activities will be held via videoconference (synchronous) in the timetable approved by the corresponding Faculty or School. Alternative activities will be proposed for reduced groups in order to guarantee the acquisition of course competences.

COURSE DESCRIPTION

EVALUATION

Intended learnig	Case study/clinical case discussion/scientific work discussion	Document Analysis	Exams	Problem solving
CB4		X		
CE26	X		X	X
CE27	X		X	X
CT2		X		
CT5	X			
Total (100%)	***15%***	***10%***	***60%***	***15%***
Minimum grade	***4***	***4***	***4***	***4***

(*)Minimum grade necessary to pass the course

Moodle Tools	Análisis de documentos	Exámenes	Resolución de problemas	Supuesto práctico/discusión caso clínico/discusión trabajo científico
Chat	X	X	X	X
Cuestionario		X	X	X
Foro		X	X	X
Talleres	X			

Attendance will be assessed (Scenario B)?:

No

General clarifications on instruments for evaluation (Scenario B):

Repeaters students must take again the practical cases, multiple choice exam, short answer tests and group work

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

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

Qualifying criteria for obtaining honors (Scenario B):

Maximum scores in exams and all other activities

COURSE DESCRIPTION