

TEACHING GUIDE

DETAILS OF THE SUBJECT

Title (of the subject): **EQUINE MEDICINE**

Code: 101509

Degree/Master: **GRADO DE VETERINARIA**

Year: 5

Name of the module to which it belongs: OPTATIVIDAD

Field: OPTATIVA

Character: OPTATIVA

Duration: FIRST TERM

ECTS Credits: 3

Classroom hours: 30

Face-to-face classroom percentage: 40%

Non-contact hours: 45

Online platform:

TEACHER INFORMATION

Name: AGUILERA TEJERO, ESCOLASTICO (Coordinador)

Department: MEDICINA Y CIRUGÍA ANIMAL

Area: MEDICINA Y CIRUGÍA ANIMAL

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REQUIREMENTS AND RECOMMENDATIONS

Prerequisites established in the study plan

None.

Recommendations

It is recommended that the students have attended the following courses: Patología General, Propedéutica y Diagnóstico por Imagen, Farmacología y Farmacia, Medicina Interna y Patología Quirúrgica. In addition, a basic knowledge of English language is necessary.

SKILLS

CU1	To accredit the use and proficiency of a foreign language.
CU2	To know and improve the user level in the field of ICT.
CU3	To increase the habits of an active searching for employment and the capacity of entrepreneurship.
CT1	To solve problems.
CT2	Teamwork.
CT3	Ability to apply knowledge in a practical way.
CT4	Decision making.
CT5	Ethical commitment.
CT6	Ability for analysis and synthesis.
CT7	Investigation skills.
CT8	Motivation for quality.
CE33	Clinical study, diagnosis and treatment of the sick individual as well as sporadic diseases affecting groups.

OBJECTIVES

This course is oriented to provide a general knowledge of equine diseases with a problem-oriented approach (e.g. fever, dysphagia, diarrhea, polyuria/polydipsia, anemia, etc.). In addition, the student should acquire experience with interpretation of the more common diagnostic tests used in

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equids: ultrasonography, endoscopy, hematology and blood biochemistry, etc; as well as learning the handling and care of hospitalized horses.

CONTENT

1. Theory contents

Chapter 1. Introduction. Most common drugs used in equine medicine.

Chapter 2. Fluid therapy.

Chapter 3. Basic equine nutrition. Main nutritional disorders in horses.

Chapter 4. Common equine intoxications.

Chapter 5. Care and handling of hospitalized horses.

Chapter 6. Protocols for equine vaccination and deworming.

Chapter 7. Problem-oriented approach to diagnosis in equine medicine.

Chapter 8. Fever.

Chapter 9. Epistaxis.

Chapter 10. Chronic nasal discharge.

Chapter 11. Dyspnea.

Chapter 12. Respiratory Noise.

Chapter 13. Murmurs and arrhythmias.

Chapter 14. Subcutaneous and cavitary edema.

Chapter 15. Anemia.

Chapter 16. Icterus.

Chapter 17. Acute abdominal pain (colic).

Chapter 18. Chronic and recurrent colic.

Chapter 19. Dysphagia.

Chapter 20. Diarrhea.

Chapter 21. Chronic weight loss.

Chapter 22. Polyuria/polydipsia.

Chapter 23. Epiphora and blepharospasm.

Chapter 24. Pruritus.

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Chapter 25. Ataxia.

Chapter 26. Endocrinopathic laminitis.

Chapter 27. Peripartum diseases in mares. Care of the newborn foal.

Chapter 28. Foal diseases.

Chapter 29. Reduced athletic performance.

Chapter 30. Prepurchase exams. Role of the veterinarian in equestrian competitions.

2. Practical contents

Clinical sessions in the Hospital Clínico Veterinario.

METHODOLOGY

General clarifications on the methodology. (optional)

Individual adjustments will be made for part time students.

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

A personalized adaptation will be considered.

Face-to-face activities

Activity	Large group	Medium group	Small group	Total
Assessment activities	-	1	-	1
Case study	2	9	9	20
Group presentation	8	-	-	8
Tutorials	-	-	1	1
Total hours:	10	10	10	30

Not on-site activities

Activity	Total
Bibliographic consultations	15
Finding information	15
Self-study	15
Total hours:	45

WORK MATERIALS FOR STUDENTS

Practical cases and examples

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EVALUATION

Skills	Tools		
	Final exam	Oral presentations	Practical cases and examples
CE33			x
CT1			x
CT2		x	
CT3			x
CT4			x
CT5			x
CT6			x
CT7			x
CT8	x	x	
CU1	x		
CU2	x		
CU3	x		
Total (100%)	34%	33%	33%
Minimum grade.(*)	1	1	1

(*) Minimum grade necessary to pass the subject

Method of assessment of attendance:

33%

General clarifications on instruments for evaluation:

In addition to considering the attendance, the students will have to prepare presentations that will be discussed in class and there will be an exam at the end of the course.

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

The peculiarities of these students will be taken into consideration.

Qualifying criteria for obtaining honors: Obtaining more than 9 (out of 10) points and having demonstrated superior abilities

¿Hay exámenes/pruebas parciales?: No

BIBLIOGRAPHY

1. Basic Bibliography:



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INFORMACIÓN SOBRE TITULACIONES DE LA UNIVERSIDAD DE CÓRDOBA

uco.es / grados

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- Reed S.M. (2010). Equine internal medicine. 3 ed. WB Saunders. Philadelphia.
- Robinson N.E. (2009). Current therapy in equine medicine 6 ed. WB Saunders. Philadelphia.
- Robinson N.E. (2003). Current therapy in equine medicine 5 ed. WB Saunders. Philadelphia.
- Rose R.J. (1995). Manual clínico de equinos. Interamericana. México.
- Smith B.P. (2009). Large animal internal medicine. 4 ed. CV Mosby Co. St Louis.

2. Further reading:

None.

COORDINATION CRITERIA

- Joint activities: lectures, seminars, visits ...
- Orientation session

SCHEDULE

Period	Activity			
	Assessment activities	Case study	Group presentation	Tutorials
1# Fortnight	0	3	1	0
2# Fortnight	0	3	1	0
3# Fortnight	0	3	1	0
4# Fortnight	0	3	1	1
5# Fortnight	0	2	1	0
6# Fortnight	0	2	1	0
7# Fortnight	0	2	1	0
8# Fortnight	1	2	1	0
Total hours:	1	20	8	1

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