COURSE DESCRIPTION

COURSE DETAILS

Title (of the course): NUTRITIONAL SUPPORT OF ORPHAN, SENILE AND SICK ANIMALS
Code: 101507
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: 3.0 Classroom hours: 30
Face-to-face classroom percentage: 40% Study hours: 45
Online platform:

LECTURER INFORMATION

Name: NÚÑEZ SÁNCHEZ, MARIA NIEVES (Coordinador)
Department: PRODUCCIÓN ANIMAL
Area: PRODUCCIÓN ANIMAL
Office location: Animal Nutrition Unit; Animal Production Department
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Name: CARRION PARDO, DOMINGO
Department: PRODUCCIÓN ANIMAL
Area: PRODUCCIÓN ANIMAL
Office location: Animal Nutrition Unit; Animal Production Department
E-Mail: Domingo_Carrion@cargill.com Phone: 957218746

PREREQUISITES AND RECOMMENDATIONS

Prerequisites established in the study plan
There are no previous requisites.

Recommendations
It is advisable that students should have at least a B-1 level in English language.

INTENDED LEARNING OUTCOMES

CT1 To solve problems.
CT3 Ability to apply knowledge in a practical way.
CT8 Motivation for quality.
CE23 Study of microorganisms affecting animals and those with an industrial, biotechnological or ecological application.
CE55 Animal nutrition and nourishment.

OBJECTIVES

This is an advanced course intended for students of Veterinary Medicine who want to improve their knowledge on how to feed animals incapable of feeding for themselves, and the proper feeding of animals with special requirements due to old age or due to disease.
The students will also have access to the research activity carried out by the Animal Production Department related to this field.

INFORMACIÓN SOBRE TITULACIONES DE LA UNIVERSIDAD DE CORDOBA
uco.es/grados
**COURSE DESCRIPTION**

**CONTENT**

1. **Theory contents**
   The course is divided into three modules according to its main topics. Each module will be split in individual lessons that deal with several aspects related to the corresponding topic.
   I. Feeding the newborn orphan animals. Milk feeding and weaning periods.
   II. Feeding the elderly. Basic nutrition overview. Changes in nutritional needs associated to the old age.
   An extra lesson will deal with the research activity related to the main topics discussed in the subject.

2. **Practical contents**
   Practicals will consist of:
   1. Proper feeding of orphan, elderly and sick animals. Case studies.

**METHODOLOGY**

General clarifications on the methodology (optional)
CLIL (Content and Language Integrated Learning) methodology will be used to create a 'natural' environment for contents and language learning, to help students to fix previous knowledge and acquire specific vocabulary throughout the course.

Methodological adaptations for part-time students and students with disabilities and special educational needs
The required methodological adaptations will be taken into account and in accordance with current regulations for both part-time students and students with disabilities and special educational needs.

**Face-to-face activities**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Large group</th>
<th>Medium group</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Case study</td>
<td>-</td>
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<td>9.5</td>
</tr>
<tr>
<td>Lectures</td>
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<td>-</td>
<td>16.5</td>
</tr>
<tr>
<td>Seminar</td>
<td>-</td>
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<td>4</td>
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<td><strong>Total hours:</strong></td>
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<td><strong>13.5</strong></td>
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**Off-site activities**

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<thead>
<tr>
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<th>Total</th>
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<tr>
<td>Information search</td>
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COURSE DESCRIPTION

<table>
<thead>
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<th>Activity</th>
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<tr>
<td>Reference search</td>
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<tr>
<td>Self-study</td>
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<tr>
<td><strong>Total hours</strong></td>
<td><strong>45</strong></td>
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</table>

WORK MATERIALS FOR STUDENTS

Case studies  
Exercises and activities  
Oral presentations  
PDF files (via Moodle) and handouts dealing with the different units will be provided.

**Clarifications**

PDF files with the main contents of the lectures will be uploaded on Moodle.  
For the practical sessions, case studies, handouts and other working materials will also be provided.

EVALUATION

<table>
<thead>
<tr>
<th>Intended learning</th>
<th>Case Studies</th>
<th>Exam</th>
<th>Oral Presentation</th>
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<tbody>
<tr>
<td>CE23</td>
<td>X</td>
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<tr>
<td>CE55</td>
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<td><strong>Total (100%)</strong></td>
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<td>60%</td>
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<tr>
<td><strong>Minimum grade</strong></td>
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(*)Minimum grade necessary to pass the course
COURSE DESCRIPTION

Method of assessment of attendance:
80% of attendance will be required to pass the course. Attendance to the practical sessions is compulsory.

General clarifications on instruments for evaluation:
The students will be evaluated according to the competences. The evaluation system will be based on the level of acquisition of the competences indicated in the course, through tests, continuous assessment, and seminars, bibliographic works and practicals evaluation.

Clarifications on the methodology for part-time students and students with disabilities and special educational needs:
Specific learning conditions will be provided for part-time students and students with disabilities and special educational needs.

Qualifying criteria for obtaining honors:
The global mark should be higher than 9.5 out of 10.

BIBLIOGRAPHY

1. Basic Bibliography
Pibot, Pascale and others. 2006. Enciclopedia de la Nutrición Clínica Canina. Royal Canin.

2. Further reading

COORDINATION CRITERIA

Common evaluation criteria
Tasks performance
## COURSE DESCRIPTION

### SCHEDULE

<table>
<thead>
<tr>
<th>Period</th>
<th>Case Study</th>
<th>Lectures</th>
<th>Seminar</th>
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<tr>
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<td>13# Week</td>
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<tr>
<td>14# Week</td>
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<tr>
<td>15# Week</td>
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</table>

**Total hours:** 9.5 16.5 4.0

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.