

28435 - Ecology and the Environment

Información del Plan Docente

Academic Year	2017/18
Faculty / School	105 - Facultad de Veterinaria
Degree	451 - Degree in Veterinary Science
ECTS	3.0
Year	
Semester	First semester
Subject Type	Optional
Module	---

1.General information

1.1.Introduction

1.2.Recommendations to take this course

1.3.Context and importance of this course in the degree

1.4.Activities and key dates

2.Learning goals

2.1.Learning goals

2.2.Importance of learning goals

3.Aims of the course and competences

3.1.Aims of the course

3.2.Competences

4.Assessment (1st and 2nd call)

4.1.Assessment tasks (description of tasks, marking system and assessment criteria)

5.Methodology, learning tasks, syllabus and resources

5.1.Methodological overview

Participative master lectures. Practical lectures will be devoted to the recognition of theoretical aspects in the field and in the classroom.

5.2.Learning tasks

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The program offered to the students to help them achieve the expected results, comprise the following activities:

5.3.Syllabus

Theory program

Participative theory lectures in which students pose doubts regarding the information they have received previously by the teacher. This information is available on Moodle platform since the beginning of the term.

Week 1. Ecology 1. Introduction.

Week 2. Ecology 2. Populations.

Week 3. Eco 3. Communities.

Week 4. Eco 4. Ecosystems.

Week 5. Eco 5. Conservation Biology.

Week 6. MA 1. Abiotic Environmental Impact.

Week 7. MA 2. Biotic Environmental Impact and Environmental Education.

Week 8. MA 3. Environmental Microbiology.

Week 9. Global assessment.

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Practices program

Week 3. Demography.

Week 5. Practice in the field 1. Natural Environments

Week 6. Environmental Education.

Week 7. Practice in the field. Extensive farming and Natural Environments.

5.4.Course planning and calendar

Calendar, timetable, tutorials and exams will be adjusted to the general academic calendar of Saragossa University and its Faculty of Veterinary.

The information on the subject will be available on Moodle platform from the beginning of the term.

Presential sesión calendar

This subject implies an average dedication of 75 hours by the student:

Master lectures	15
Classroom practices	4
Fieldwork	11
Study and autonomous work	40

Evaluation	2
Total	75

5.5. Bibliography and recommended resources

[BB: Bibliografía básica / BC: Bibliografía complementaria]

- [BB] Conservation biology for all / edited by Navjot S. Sodhi, Paul R. Ehrlich Oxford : Oxford University Press, 2010
- [BB] La larga sombra del ganado: problemas ambientales y opciones / Henning Steinfeld, Pierre Gerber, Tom Wassenaar, Vincent Castel, Mauricio Rosales, Cees de Haan Roma : FAO, 2009 [Para acceder al texto completo mirar URL]
- [BB] Smith, Robert Leo. Ecología / Robert Leo Smith, Thomas M. Smith ; traducción Francesc Mezquita, Eduardo Aparici...[et al.] ; revisión técnica María Rosa Miracle...[et al.] . - [1a ed. en español] Madrid[etc.] : Addison Wesley, 2001
- [BC] Livestock's long shadow: environmental issues and options / Henning Steinfeld, Pierre Gerber, Tom Wassenaar, Vincent Castel, Mauricio Rosales, Cees de Haan Rome : Food and Agriculture Organization of the United Nations ,2006

Listado de URL

- La larga sombra del ganado : problemas ambientales y emocionales
[<http://www.fao.org/docrep/011/a0701s/a0701s00.htm>]