

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	Second 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**

Due to the low number of credits in this topic, the main goal is to make an approach to the different subjects mostly using lecturer presentations, seminars, laboratory demonstrations and problem solving exercises.

5.2.Learning tasks

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Lectures . 15 h

They will be undertaken using computer presentations that will include development of ideas, figures, images, graphics and layouts. Students will previously have the teaching material through the so called digital ring of the Unizar (ADD). The participation of students in posing questions or discussion of issues of particular relevance will be encouraged.

Developing skills

Skill in handling concepts. Ability to integrate ideas. Ability to relate concepts. Development of critical thinking . Ability to understand the field of veterinary professional performance in the recovery, conservation and maintenance of wild species. Ability to analyze information from different sources. Ability to consult bibliography.

Demonstrations . 15 h

Laboratory demonstrations and problem solving exercises (6 h)

They will include post mortem examination of wild animal or solving exercises under teacher supervision.

Seminars (4 h)

Two seminars will be performed, topics to be defined in each academic year.

External visits (5 h)

Two visits are programmed: (i) to the "La Alfranca Wildlife Recovery Center" and the "Los Sotos y Galachos del Ebro Nature Reserve" and (ii) to the Zaragoza's aquarium.

5.3.Syllabus

Lectures

Topic 1-2: Definition / history and legal framework

Topic 3-4: Wildlife conservation strategies

Topic 5: Game management

Topic 6-8: Medicine and surgery

Topic 9-11: Animal health

Topic 12-13: Genetics

Topic 14: Wildlife rescue centers

Topic 15: Zoological groups / Animal welfare

Demonstrations

Seminars

Topic of interest in wildlife (2h)

Topic of interest in wildlife (2h)

Problem solving exercises (5h)

Post mortem studies of wildlife (1h)

External visits

To the "La Alfranca Wildlife Recovery Center" and the "Los Sotos y Galachos del Ebro Nature Reserve" (3h)

To the Zaragoza's aquarium. (2h)

5.4.Course planning and calendar

Calendar, schedules, mentoring and examination shall comply with the provisions of the academic calendar of the University of Zaragoza and the Faculty of Veterinary Medicine. The information will be available in Moodle on line course since the beginning of the academic year.

5.5.Bibliography and recommended resources

[BB: Bibliografía básica / BC: Bibliografía complementaria]

- [BB] Adams, W. M.. Against extinction :the story of conservation /William M. Adams London : Earthscan Publications, 2004
- [BB] Animal behavior and wildlife conservation /edited by Marco Festa-Bianchet and Marco Apollonio Washington

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- [etc.] : Island Press, 2003
- [BB] Animal conservation Cambridge, UK : Cambridge University Press,1998- [Publicación periódica]
 - [BB] Áreas importantes para las aves en España / editado por Carlota Viada ; prefacio de Domingo Jiménez Beltrán ; y prólogo de Eduardo de Juana ; colaboradores especiales, Eduardo de Juana...[et al.] . 2ª ed. rev. y ampl. Madrid : Sociedad española de Ornitología-Birdlife, 1998
 - [BB] Avian medicine :principles and application / [abridged edition edited by Branson W. Ritchie, Greg J. Harrison, Linda R. Harrison]. - Abridged ed./by Donald W. Zantop Lake Worth : Wingers Publishing, cop. 1997
 - [BB] Becher, Anne. Biodiversity :a reference handbook /Anne Becher Santa Barbara, California :ABC-CLIO, 1998
 - [BB] Behavioral approaches to conservation in the wild /edited by Janine R. Clemmons and Richard Buchhol Cambridge : Cambridge University Press, 1998
 - [BB] Behavioral ecology New York : International Society for Behavioral Ecology, 1990- [Publicación periódica]
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 - [BB] Biological Conservation Amsterdam : Elsevier, 1968- [Publicación periódica]
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 - [BB] Cooper, J.E. Veterinary aspects of captive birds of prey: with 1985 supplement /by J.E. Cooprey ; line drawings by the late Leslie Brawn. - 2nd. ed., repr.] Cherington : The Standfast press, 1987
 - [BB] Crowson, R. A.. Classification and biology / R. A. Crowson London : Heinemann Educational Books, 1970
 - [BB] Cuidar la tierra : estrategia para el futuro de la tierra / Unión Mundial para la Naturaleza. Programa de las Naciones Unidas para el Medio Ambiente. Gland, Suiza : Union Mundial para la Naturaleza : Programa de las Naciones Unidas para el Medio Ambiente :Fondo Mundial para la Naturaleza,2004
 - [BB] Ecology of infectious diseases in natural populations / edited by B.T. Grenfell, A.P. Dobson. Cambridge : Cambridge University Press, cop. 1995
 - [BB] Enciclopedia de la fauna mundial. Animales en peligro Barcelona : Salvat, D.L. 1997
 - [BB] Enfermedades infecciosas de los mamíferos salvajes / editado por John W. Davis, Lars H. Karstad, Daniel O. Trainer ; traducido del inglés por José María Tarazona Vilas . Zaragoza : Acribia, D.L. 1972
 - [BB] Erritzoe, j.. The birds of Cites and how to identify them / J. Erritzoe, H. B. Erritzoe Cambridge :Lutterworth Press, 1993
 - [BB] Espacios naturales protegidos de España / [textos, Alberto Ruiz de Larramendi... (et al.)] . Madrid : Incafo, D.L. 1992
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- Animal info. Endangered Animals Africa [http://www.animalinfo.org/]
- CITES. Convention on International Trade in Endangered Species of Wild Fauna and Flora [http://www.cites.org/]
- Fauna & Flora International [http://www.fauna-flora.org/]
- Fundación Biodiversidad [http://www.fundacion-biodiversidad.es]
- Nature Serve Exploree : an online encyclopedia of life [http://www.natureserve.org/explorer/]
- Organización de las Naciones Unidas para la Agricultura y la Alimentación [http://www.fao.org/home/es/]
- U. S. Fish & Wildlife Service . National Wildlife Refuge System [http://www.fws.gov/refuges/]
- WWF .World Wildlife Fund [http://worldwildlife.org/]