



Universitat de Lleida

DEGREE CURRICULUM
**ST IN RESOURCE
MANAGEMENT AND PLANNING
FOR ECOSYSTEM SERVICES**

Coordination: CASALS MARTI, FREDERIC

Academic year 2021-22

Subject's general information

Subject name	ST IN RESOURCE MANAGEMENT AND PLANNING FOR ECOSYSTEM SERVICES			
Code	111011			
Semester	ANUAL CONTINUED EVALUATION			
Typology	Degree	Course	Character	Modality
	Master's Degree Erasmus Mundus in Spatial and Ecological Modelling in European Forestry	2	OPTIONAL	Attendance-based
	Master's Degree Erasmus Mundus in Spatial and Ecological Modelling in European Forestry		OPTIONAL	Attendance-based
Course number of credits (ECTS)	5			
Type of activity, credits, and groups	Activity type	PRACAMP	PRAULA	TEORIA
	Number of credits	1	1.5	2.5
	Number of groups	1	1	1
Coordination	CASALS MARTI, FREDERIC			
Department	ANIMAL HUSBANDRY			
Important information on data processing	Consult this link for more information.			

Teaching staff	E-mail addresses	Credits taught by teacher	Office and hour of attention
CASALS MARTI, FREDERIC	frederic.casals@udl.cat	2,5	
NADAL GARCIA, JESUS	jesus.nadal@udl.cat	2,5	

Learning objectives

- Endangered species and global threats to biodiversity
- Management and conservation techniques
- Restoration and reconciliation ecology
- Knowledge of the species

Competences

Develop the capacity to characterize wildlife and fish populations and to propose management techniques and strategies for preserving fauna in the different habitats and ecosystems

Subject contents

Theory

Biodiversity

Status of animal populations

Conservation strategies

Aquatic ecosystems

Fish communities

River management

Terrestrial ecosystems: Ecosystems and human population

Terrestrial ecosystems: Exploitation of animal populations

Terrestrial ecosystems: Effects of intensive agricultural and livestock production

Terrestrial ecosystems: Deforestation and defaunation

Terrestrial ecosystems: Restoration degraded ecosystems

Species recognition

Fishes

Amphibians

Reptiles

Birds I

Birds II

Mammals

Field trips

Secans de Lleida

Estany d'Ivars

Methodology

- Theory lessons: Concepts related to wildlife and fish species and their ecology and management
- Species identification lessons: Description of the main characteristics of vertebrate European fauna.
- Field trips: Practical approach to some field methodologies in wildlife and fish population management.
- Course work: Development in group of a practical work about any the topic be related to wildlife, fish and game management aspects elaborated with personal contributions in relation to the themes and concepts developed in the subject and during the course.

Development plan

Theory and species identification lessons on the regular timetable during the semester.

Fieldtrips for the full day.

Evaluation

Written exam about contents explained in the theory lessons, species identification lessons and field trips explanations (50% of final grade)

Oral presentation of the group course work to develop during the semester (50% of final grade)

Bibliography

Richard B. Primack. 2008. A Primer of Conservation Biology. Sinauer Associates, USA.

Robert J. Wootton. 1992. Fish ecology. Chapman and Hall, USA.