

Course Unit	Hunting and Wildlife Management			Field of study	Forestry & Hunting	
Master in	Management of Forest Resources			School	School of Agriculture	
Academic Year	2023/2024	Year of study	1	Level	2-1	ECTS credits 4.0
Туре	Semestral	Semester	2	Code	6363-808-1202-00-23	
Workload (hours)	108	Contact hours	T - TP T - Lectures; TP - Lectures a	- PL - T	C - S - solving, project or laboratory; TC	Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s)

José Paulo Mendes Guerra Marques Cortez

Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

- To know and be able to identify game specied to be able to:
 To know and be able to identify game species, its ecology, biology and know the bases for trophy evaluation on big game
 Identify management strategies for game populations and habitat improvement
 Define and develop management measures aiming population sustainability, control of abundance and calculation of harvest limits
 To know game law, hunting management plans requirements and related issues

Prerequisites

Before the course unit the learner is expected to be able to: Ecology

Course contents

Aims of game exploitation. Game species and hunting in Portugal. Habitat improvement techniques for game species. Population structure, game production and hunting limits. Game management plans. Laws and hunting activity regulations.

Course contents (extended version)

- 1. Game management: concepts and laws
- Hunting regimes. Hunting means and methods Game farming and animal transportation
- 2. Biology of main game species
- Lagomorphs Galliforms
- Big game 3. Habitat management
 - Game habitat needs
 - Habitat evaluation methods and improvement techniques
- A Managing game populations
 A Managing game populations
 Quantification methods: census techniques and abundance indexes
 Managing densities: selective hunting, predator control and population reinforcements
 Crops and artificial structures for game
- 5. Game exploitation Harvest rate determination and bag records
- Game management plans
 Practices: Case studies and field techniques
- Observation and recognize of game species in the field
 Census techniques and data analysis for density determination
 Visit to a hunting zone or a game breeding farm
 Game exploitation plans

Recommended reading

- Covisa J (1998) Ordenación Cinegética: Proyectos de Ordenación y Planes Técnicos. Cinegética y Naturaleza Eds.
 Sutherland, WJ (Ed.) (1998) Ecological Census Techniques. Cambridge Univ. Press
 Peiró Clavell V (1997) Gestión Ecológica de Recursos Cinegéticos. Univ. Alicante
 Saenz de Buruaga M, Lúcio A, Purroy, F (1991) Reconocimiento de Sexo y Edad en Espécies Cinegéticas. Gobierno Basco. Vitoria
 Silvy, N. J., & Wildlife Society. (2020). The wildlife techniques manual (8th ed.). Vol I e II. Johns Hopkins University Press

Teaching and learning methods

Lecture sessions with multimedia resources, tutorial classes and practice based on group works on field and lab.

Assessment methods

- Alternative 1 (Regular, Student Worker) (Final, Supplementary)

 Final Written Exam 70% (Theoretical (50%) and practice (20%))
 Practical Work 30%

 Alternative 2 (Regular, Student Worker) (Final, Supplementary)
 Alternative 3 (Student Worker) (Special)

Language of instruction

Portuguese, with additional English support for foreign students

Electronic validation					
José Paulo Mendes Guerra Marques Cortez	Amilcar António Teiga Teixeira	Felícia Maria Silva Fonseca	Maria Sameiro Ferreira Patrício		
11-02-2024	12-02-2024	12-02-2024	12-02-2024		