University of Zagreb Faculty of Agriculture
Svetošimunska cesta 25, 10000 Zagreb
Phone: +385 (0)1 2393 777
E-mail: dekanat@agr.hr
Web: www.agr.unizg.hr

Wildlife ecology and conservation (176012)

Course coordinator

Prof. Nikica Šprem, PhD

Course description

Application of biological to the problem of the wildlife ecology and conservation. Population processes of wildlife resources and applying theory to management. Wildlife ecology and management in agricultural lands with accent on human wildlife conflicts. Basic of GIS modeling and its application.

ECTS: **6.00**

English language: **L1**

E-learning: **L1**

Teaching hours: 60
Lectures: 28
Practicum: 20
Seminar: 12

Lecturer

- Prof. Nikica Šprem, PhD
- Prof. Tea Tomljanović, PhD
- Assoc. Prof. Toni Safner, PhD

Associate teacher for exercises

- Prof. Nikica Šprem, PhD

Associate teacher for seminars

- Prof. Nikica Šprem, PhD

Grading

Sufficient (2): 60-70%
Good (3): 71-80%
Very good (4): 81-90%
Excellent (5): 91-100%

Conditions for obtaining signature

Regular attendance to the classes and field trips, seminar

Type of course

- Graduate studies / MS Courses taught in English (Elective course, 1 semester, 1 year)

General competencies

Oral exam

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Types of instruction

- Lectures
- Auditory Exercises
- Field work
- Seminars
- Design exercises

Learning outcomes

Learning outcome	Evaluation methods
knowledge in wildlife ecology and conservation	Oral exam
recognition of animal taxes	Oral exam
basic of GIS modeling	Oral exam
basic of conservation genetics	Oral exam
human widlife conflict	Oral exam
capability for independent check and processing of scientific literature	Seminar essay, Project
capability for independent writing of minor scientific papers and presentation of results	Seminar essay

Methods of grading

Evaluation elements	Maximum points or Share in evaluation	Grade rating scale	Grade	Direct teaching hours	Total number of average student workload	ECTS
Total				60	180	6

Weekly class schedule

1. Introduction to wildlife ecology and Conservation
2. Taxonomy and systematics
3. Wildlife ecology and behaviour I
4. Wildlife ecology and behaviour II
5. Wildlife ecology and behaviour III
6. Research Methods and communications
7. Genetics in conservation and wildlife management
8. Environmental Impact assessment
9. GIS in wildlife science
10. Human wildlife conflict
11. Skills for wildlife Conservation (Field trip I)
12. Skills for wildlife Conservation (Field trip II)
13. Seminar I
14. Seminar II
15. Seminar III

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Obligatory literature

1. Putman, R., Apollonio, M. ()2014) Behaviour and managements of European ungulates. Whittles publishing, Scotland, UK
2. Apollonio, M., Andersen, R., Putman, R. (2010) European ungulates and their management in the 21st century. Cambridge university press, UK
3. Braun, E.C. (2005) Techniques for wildlife investigations and management. The wildlife society, Maryland, USA