

COURSE OUTCOME

KM461 – WILDLIFE MANAGEMENT

1. GENERAL

SCHOOL	School of Technology		
DEPARTMENT	Department of Forestry, Wood sciences and design (Karditsa)		
LEVEL	<i>Undergraduate</i>		
CODE	KM 461	STUDENT SEMESTER	4th
COURSE TITLE	Wildlife Management		
ACTIVITIES		WEEKLY HRS	ECTS
	Lectures and Workshops	2	5
	Laboratory	1	
TYPE OF COURSE	Mandatory curriculum course		
PREREQUISITES:	none		
LANGUAGE TEACHING AND EXAMINATION:	Greek		
THE COURSE OFFERED TO STUDENTS ERASMUS	No		
WEBPAGES COURSE (URL)	https://eclass.uth.gr/courses/ECON_U_137/		

2. LEARNING OUTCOMES

Learning Outcomes
<p>The objective of the course is to equip the students with knowledge based around:</p> <ul style="list-style-type: none"> • Making estimations and surveying(census) the current state of wildlife populations(mainly of birds and mammals) • Identifying factors that restrict populations, the selection and implementation of the most suitable techniques for managing them. • Learning techniques in wildlife management and acquiring the ability to review their implementation. <p>. At the end of the course, students will be capable of :</p> <ul style="list-style-type: none"> • Knowing how to estimate and describe the current state of a wildlife populations and their respective habitats • Suggesting, describing and implementing the ideal measures, while adapting depending on the specific situation • Applying methods to review their implemented measures • Comprehending the ecological, social and economic parameters within wildlife management and their respective habitats.
General Skills
<ul style="list-style-type: none"> • Ability to search, analyse and compile data and information, while using any essential technology • Adaptation to new situations • Teamwork • Decision making

- Demonstrate social skills, professionalism and ethical responsibility
- Work in an interdisciplinary environment
- Respect the natural environment
- Promote open minded, creative and deductive thinking.
- Development of new innovative research ideas

3. COURSE CONTENT

Lecture description:

Founding and evolution of wildlife management. Economics of wildlife management, Human dimension of wildlife management, Politics of wildlife management. Identification of factors restricting populations. Familiarization with managerial techniques. Managing of forest ecosystems for wildlife. Managing wetlands for wildlife . Managing suburban areas for wildlife. Managing rangeland ecosystems for wildlife. Managing agricultural ecosystems for wildlife. Techniques for habitat conservation and improvement. Predation. Wildlife diseases and restricting their effects. Managing unwanted species. Habitat management at airports for collision-accident avoidance.

Workshop description:

Using and familiarization with field instruments and equipment, as well as techniques for: collecting and analysing data, estimating the current state of wildlife populations, identifying restrictive factors, selection of managerial techniques, implementation of managerial measures, monitoring and accessing results(creation of questionnaire, estimation of costs-benefits, human dimension) techniques for improving habitats in rangeland and forest ecosystems. techniques for improving habitats in wetlands and agricultural ecosystems, methods of estimating predation and techniques for reducing predation.

4. TEACHING AND LEARNING METHODS - EVALUATION

DELIVERY METHOD	Applying a combination of educational methods and techniques with the purpose of reinforcing a more active participation from students in the class and aiming to maximise productivity in teaching through personal one to one communication: Contributions(in amphitheatre), supplemented through real examples, questions – answers and discussions	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	<ul style="list-style-type: none"> • Use of computers, PowerPoint presentations ppt, projector, short videos. • Use of the electronic platform e-class to support the educational process 	
MANAGEMENT OF TEACHING	Activity	Semester Workload
	Lectures	26
	Studio workshops	13
	Homework assignments	25
	Individual and work study for term assignment	50
	Educational visit	11
	Course Total	125
STUDENT EVALUATION	Formative and comprehensive procedures of evaluation are applied	

	<p>Course evaluation is conducted in to fazes: A) Mid-semester (around the 6th with 7th week) written examination (student participation is not mandatory), it will consist of questions that require the students to elaborate in their answer. B) At the end of the semester(after the completion of the 13th class of the curriculum) an examination is carried out based on the Departments examination schedule, this is the final examination for the course and it will also consist of questions that require the students to elaborate in their answers.</p>
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5. RECOMMENDED-BIBLIOGRAPHY

Συγγράμματα στον ΕΥΔΟΞΟ

- Μπακαλούδης, Ε. Δ., και Χ. Γ. Βλάχος (2009). Διαχείριση άγριας πανίδας – Θεωρία και εφαρμογές. Τζιόλας. Σελ. 290. Θεσσαλονίκη. (Κωδ. ΕΥΔΟΞΟΣ: 18548765)
- Παπαγεωργίου, Ν. 1995. Οικολογία και διαχείριση άγριας Πανίδας. University Studio Press. Θεσ/νικη (Κωδ. ΕΥΔΟΞΟΣ: 17441)

Συγγράμματα εκτός ΕΥΔΟΞΟΥ

- Krausman P and Cain P. 2013. *Wildlife Management and Conservation: Contemporary Principles and Practices*. Publisher: Johns Hopkins University Press. Pages: 360. ISBN: 9781421409863
- Fryxell J., Sinclair A., and Caughley G. (2014). *Wildlife Ecology, Conservation, and Management*. Wiley-Blackwell Editions. ISBN-13: 9781118291078
- Krausman P and Leopold B. 2013. *Essential Readings in Wildlife Management and Conservation*. Publisher: Johns Hopkins University Press. 696 pages. ISBN-13: 978-1421408187
- Gilbert, F. F. and D.G. Dodds (1992). *The philosophy and practice of wildlife management*. Krieger Publishing Company, Malabar, Florida.
- *Readings in Wildlife Conservation* – J. A. Bailey, W. Elder, and T. D. McKinney – The Wildlife Society, 1974.
- *Wildlife Ecology and Management* – E. G. Bolen and W. L. Robinson – Prentice Hall, Upper Saddle River, New Jersey, 1995.
- Bolen, E. G., W. L. Robinson (1995). *Wildlife Ecology and Management*. Prentice Hall.
- Friend, M. and J. C. Franson, editors. *Field Manual of Wildlife Diseases – General Field Procedures and Diseases of Birds*. Biological Resources Division, Information and Technology Report 1999-2001
 - Θωμαΐδης, Χ. Καραμπατσάκης, Θ., Λογοθέτης, Γ. και Χριστοφορίδου, Γ. 1996. Τεχνικός Οδηγός Βελτίωσης των Βιοτόπων του αγριόχοιρου, του λαγού, της πετροπέρδικας και της πεδινής πέρδικας. ΣΤ΄ Κυνηγετική Ομοσπονδία Μακεδονίας-Θράκης, σελ.110. Δράμα.