

Basic data of the subject	
Academic Unit:	Life and Environmental Sciences Faculty
Course title:	Monitoring of animal populations
Program:	Forestry and Environmental Sciences
Level:	Bachelor
Course status:	Selective
Study year:	Second year, second semester
Number of hours per week:	2+1
Credit value – ECTS:	3
Time / location:	To be announced
Lecturer:	Prof. Asoc. Dr. Bashkim Thaqi
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Course description:	<p>The course provides knowledge on the monitoring of wild animal populations and hunting, and at the same time informs that the monitoring of animal populations is a continuous and important process to oversee the health and development of animal populations in nature or in controlled environments. This process includes many different aspects which may include, goals, concepts, instruments, methodologies as well as other issues related to the monitoring of animal populations. Monitoring enables conclusions about the population and their habitats (conditions, trends) for each species, this is also a basis for changing the status and list of wild animals for hunting at the state level.</p>
Course objectives:	<p>It is obtaining information about the state of wild animal populations for hunting and its monitoring in the countryside. To the institutions responsible for the management of this sector, the scientific forms of their management, propagation and cultivation.</p>
Learning outcomes:	<p>After completing this course, students will be able to:</p> <ul style="list-style-type: none"> • Identifikojnë gjendjen e popullatave të kafshëve të egra në vend,

	<ul style="list-style-type: none"> • Zgjidhin problemet eventuale, të ardhura si pasojë e keqmenaxhimit, • Shtojnë menyrën e komunikimit dhe bashkëpunimit me palët e treta • Vlersimi, trajnimi dhe ngritja e kapaciteteve, • Përzgjedhja e metodave të monitorimit të popullatave të kashëve të egra, • Të aftësohen në modifikimin e legjislacionit me atë të Bashkimit Evropian, dhe konventat dhe marrëveshjet ndërkombëtare. <ul style="list-style-type: none"> • Identify the state of wild animal populations in the country, • Solve eventual problems, arising as a result of mismanagement, • Add the way of communication and cooperation with third parties • Assessment, training and capacity building, • Selection of monitoring methods of wild boar populations, • To become skilled in the modification of legislation with that of the European Union, and international conventions and agreements.
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Contribution on student load (must correspond with learning outcomes)			
Activity	Hours	Days/week	Total
Lectures	2	15	30
Exercise theoretical/laboratory			
Practice work	1	5	5
Contact with lecturer/consultations	1	5	5
Field exercises	2	10	10
Mid-terms, seminars	1	-	1
Homework	-	-	-
Individual time spent studying (at the library or home)	1	10	10
Final preparation for the exam	1	10	10
Time spent in evaluation (tests, quiz, final exam)	1	4	4
Projects, presentations, etc.			
Total			75 hours (3 ECTS)

Teaching methods :	Lectures, discussions, consultations, technical exercises, formula solutions, independent projects, colloquia, exams.
Evaluation methods:	First grade (colloquium): 10%, Seminars or other commitments: 10%, Final exam: 80%: Total 100%.
Literature	
Basic Literature:	<ol style="list-style-type: none"> 1. 1. Hunting Handbook for Kosovo 2021, ISBN 978-9951-27-527-9 2. National Strategy for the Sustainable Management of Wildlife and Hunting 2013 – 2023 3. LAW NO. 02 / L-53 On hunting, Kosovo 2011
Additional Literature:	Statute of the Federation of Hunters of Kosovo

Designed study plan:		
Week	Lectures	Exercises
First week:	Basic concepts of animal population monitoring	Practice the basic concepts of monitoring animal populations
Second week:	Objectives of monitoring animal populations	Identifying the main goals of monitoring.
Third week:	Types of monitoring of animal populations	Practical exercise. Traditional and modern methods of monitoring.
Fourth week:	Instruments and techniques for monitoring animal populations	The use of instruments for monitoring animal populations
Fifth week:	Population counting and estimation techniques	Exercise about population counting and estimation techniques
Sixth week:	Assessment of the health and impact of different factors on the animal population	Exercise about the health of animal populations
Seventh week:	Preventing the destruction of populations and protecting biodiversity	Identification of the possible causes of population collapse.
Eighth week:	Biodiversity description and relation to animal population monitoring	Exercise about describing biodiversity
Ninth week:	Strategies and preventive measures for the protection of animal populations.	Exercise about the strategy and preventive measures for the protection of animal populations.
Tenth week:	Colloquium	Colloquium
Eleventh week:	Ethics in monitoring animal populations	Exercise about ethical issues

Twelfth week:	Community involvement and societal impact	Exercise about the role of the community and the influence of society
Thirteenth week:	Case study: monitoring a specific animal population	Field trip, regarding this activity
Fourteenth week:	Using satellite and drone technology to monitor population sizes.	Exercise about advanced technologies for the study of animal behavior.
Fifteenth week:	The impact of decision-making by society and international organizations on the protection of animal fauna and flora.	Analysis of results and processing of data from such a project

Academic policies and rules of conduct:

Regular and active participation of students in lectures, exercises (practical part) and in seminar work.

Keeping quiet in lecture, disabling mobile phones, timely access to the classroom, etc.