Special Animal Breeding (furred animals, snails, songbirds, cervidae, laboratory animals) [163]

COURSE OUTLINE

(1) GENERAL

SCHOOL	ANIMAL BIOSCIENCES		
ACADEMIC UNIT	DEPARTMENT OF ANIMAL SCIENCE		
LEVEL OF STUDIES	Undergraduate [Major Elective]		
COURSE CODE	**163**	**SEMESTER**	**7th**
COURSE TITLE	SPECIAL ANIMAL BREEDING (Furred Animals, Snails, Songbirds, Cervidae, Laboratory Animals)		

INDEPENDENT TEACHING ACTIVITIES	**WEEKLY TEACHING HOURS**	**CREDITS**
Theory	3	3
Total	**3**	**3**

COURSE TYPE	Scientific area
PREREQUISITE COURSES:	-
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek
IS THE COURSE OFFERED TO ERASMUS STUDENTS:	Yes
COURSE WEBSITE (URL):	https://oeclass.aua.gr/eclass/courses/EZPY182/
TEACHING STAFF:	M. Goliomytis, Assistant professor, A. Pappas, Associate professor.

(2) LEARNING OUTCOMES

Learning outcomes

The aim of the course is students to acquire required knowledge and competences to successfully work in sectors related to fur animals, deer farming, laboratory animals, singing birds and heliciculture.

Upon successful completion of the course, students will be able (according to Bloom) to:

- Describe and explain the anatomy, biology, and key physiological aspects of animals reared for specialized uses (**Knowledge / Comprehension**).
- Apply responsible management practices to livestock and farm infrastructure, including both breeding and rearing stock (**Application / Analysis**).
- Analyze and determine the nutritional needs of these animals and implement feeding techniques to ensure health and optimal productivity (**Analysis / Application / Evaluation**).
- Select appropriate feedstuffs and formulate balanced diets tailored to specific production goals (**Application / Synthesis / Evaluation**).
- Implement biosecurity measures on specialized farms in compliance with European and National legislation (**Application / Evaluation**).

General Competences

- Adaptation to a changing working environment.
- Decision making.
- Autonomous work.
- Team working skills.
- Working in a multidiscipline environment.
- Respect of animal welfare and environment.

(3) SYLLABUS

1. Species, breeds and strains of fur animals, deer, laboratory animals, snails and singing birds
2. Main aspects of anatomy, biology and physiology of related animals
3. Farm management according to species, stage of animal development and final product.
4. Related animal nutrition

5. Final product quality
6. Housing, microclimate control and infrastructure
7. Biosecurity guidelines
8. Legislation related to animal farming

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY	Face-to-face
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY	• PowerPoint presentations and Internet (literature, visual training material) • E-learning platform http://zp.aua.gr/el/content/eA/virtual • Communication by e-mail and e-class • Lectures available through the e-class platform
TEACHING METHODS	

Activity	***Semester workload***
Lectures	39
Writing and presenting an assignment (optional) in the classroom, as a member of a small team (2-3 persons)	12
Individual study	24
Course total (25 h of workload per ECTS)	***75***

STUDENT PERFORMANCE EVALUATION	1. Final written exam (80%) which includes: - Questions to develop a topic 2. Written assignment with presentation in the classroom (20%, optional) Marking Scale: 0-10. Minimum Passing Mark: 5. The students are getting informed on the evaluation criteria during their first lesson of the semester.

(5) ATTACHED BIBLIOGRAPHY

-Proposed Literature:
The Management and Health of Farmed Deer, HW Reid (ed). KLUWER ACADEMIC PUBLISHERS.
Study into the legal, technical and animal welfare aspects of fur farming. European Commission.

-Related Scientific Journals: Animal, Animals, Livestock Science, Animal production etc