Farming of Domestic non-Ruminants [33]

COURSE OUTLINE

(1) GENERAL

SCHOOL	ANIMAL BIOSCIENCES		
ACADEMIC UNIT	DEPARTMENT OF ANIMAL SCIENCE (DAS)		
LEVEL OF STUDIES	Undergraduate [Required]		
COURSE CODE	**33**	**SEMESTER**	**6th**
COURSE TITLE	FARMING OF DOMESTIC NON-RUMINANTS		

INDEPENDENT TEACHING ACTIVITIES	**WEEKLY TEACHING HOURS**	**CREDITS**
Theory	4	5
Laboratory	2	1
TOTAL	**6**	**6**

COURSE TYPE	General knowledge, Scientific Area, Skills development
PREREQUISITE COURSES:	-
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek
IS THE COURSE OFFERED TO ERASMUS STUDENTS:	Yes (in English)
COURSE WEBSITE (URL):	https://openeclass.aua.gr/courses/EZPY106/
TEACHING STAFF:	Theory lessons: M. Goliomytis, Assistant Professor, P. Simitzis, Associate professor, A. Kominakis, Associate Professor. Laboratory lessons: M. Goliomytis, P. Simitzis, A. Kominakis, P. Koutsouli, Assistant professor.

(2) LEARNING OUTCOMES

Learning outcomes

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

- Describe and explain the anatomy, biology, and main physiological aspects of pigs, poultry, and rabbits (**Knowledge / Comprehension**).
- Identify the anatomical parts of the egg, explain their function, and evaluate egg quality according to European and National legislation (**Knowledge / Comprehension / Application**).
- Responsibly manage livestock and related infrastructure in pig (boar, sow, piglet, and fattening pig management), poultry (broiler, laying hen, breeder stock, hatchery management), and rabbit (doe, buck, kit, fattening rabbit management) farms (**Application / Analysis / Synthesis**).
- Explain and apply animal and food tracking frameworks, selecting appropriate animal marking methods for a herd (**Knowledge / Application / Analysis**).
- Apply biosecurity guidelines in pig, poultry, and rabbit farms and ensure compliance with European and National legislation (**Application / Analysis / Evaluation**).

General Competences

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

(3) SYLLABUS

1. Breeds and strains of pigs, poultry and rabbit
2. Main aspects of anatomy, biology and physiology of pigs, poultry and rabbit
3. Egg anatomy and quality

4. Farm management according to species, stage of animal development and final product.
5. Carcass assessment
6. Animal marking
7. Bio-security guidelines
8. Legislation related to animal farming

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY	Face-to-face in classroom, in laboratory and in the field (University poultry and rabbit farms)
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY	PowerPoint and video presentations. Communication with students via open e-class platform and e-mail.
TEACHING METHODS	

Activity	***Semester workload***
Lectures	65
Laboratory work	26
Writing and presenting an assignment in the classroom, as a member of a small team (2-3 persons)	15
Individual study	49
Course total (25 h of workload per ECTS)	***150***

STUDENT PERFORMANCE EVALUATION	I. Theory 1. Final written exam (80%, when assignment has been completed) which includes: - Multiple choice test - Questions to develop a topic 2. Written assignment with presentation in the classroom (20%, optional) II. Laboratory - Final written exam which includes: - Multiple choice test - Questions to develop a topic Marking Scale: 0-10. Minimum Passing Mark: 5. The final Course mark is the average of the marks on Theory and Lab. The students are getting informed on the evaluation criteria during their first lesson of the semester.

(5) ATTACHED BIBLIOGRAPHY

-Proposed Literature:
Whittemore's Science and Practice of Pig Production, 3rd Edition, C. Whittemore and I. Kyriazakis,

-Related Scientific Journals:
Animal, Poultry Science, World Rabbit Science, British Poultry Science, etc.