COURSE LAYOUT

1. GENERAL

SCHOOL	**Animal Biosciences**		
DEPARTMENT	Animal Science		
STUDY LEVEL	Bachelor		
COURSE CODE	162	**SEMESTER**	5th
COURSE TITLE	COMPANION ANIMALS BREEDING		

INDEPENDENT TEACHING ACTIVITIES	**WEEKLY TEACHING HOURS**	**ECTS**
Lectures	3	3

COURSE TYPE	Field of Science
PREREQUISITES	-
LANGUAGE	Greek
IS THE COURSE OFFERED forERASMUS STUDENTS?	No
COURSE WEB PAGE (URL)	https://mediasrv.aua.gr/eclass/courses/EZPY181/

2. LEARNING OUTCOMES

Learning Outcomes

The course aims to provide the basis for the acquisition of knowledge and development of skills necessary for the graduates to be able to succeed in the field of breeding of equines (horses, donkeys), cats and dogs. Following completion of the course, the students will be able to combine knowledge from different topics and successfully manage companion animals.

In particular, the students will be capable of:

- Understanding the biological cycle of the animals.
- Independently and responsibly managing the animals and the required equipment in the breeding farms.
- Maintaining the most appropriate welfare conditions, having acquired the basic knowledge of ethology of each species.
- Implementing the proper reproduction regimes to avoid inbreeding.
- Understanding the energy and nutrient requirements and the correct feeding techniques, so as to maintain and/or promote the health of the animals.

General Competencies

- Decision making
- Individual and group work
- Combination of several scientific topics
- Work planning and management
- Respect of the natural environment

3. COURSE CONTENT

For each individual companion animal species (horses, donkeys, cats and dogs):

- Zoological taxonomy. Biological cycle and biological characteristics. Use by humans.
- Types of breeding farms management. Reproduction, mating schemes with inbreeding avoidance.
- Nutrition (digestive system peculiarities, diet formulation, feeding regimes).
- Implementation of bio-safety and welfare guidelines. Current legislation.

4. TEACHING and LEARNING METHODS - Evaluation

TEACHING METHOD	In class.
USE OF INFORMATICS and COMMUNICATION TECHNOLOGIES	PowerPoint and video presentations for lectures. Communication with students via e-mail. Teaching support through access to the e-class platform, to on-line databases etc.
TEACHING ORGANISATION	

Activities	***Work load (h) per semester***
Lectures	39
Writing and presenting an assignment in the classroom, as a member of a small team (2-3 persons)	10
Individual study	26
Total work load (25 h work load per ECTS)	***75***

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

5. BIBLIOGRAPHY

-Proposed Literature:

- Kalaisakis P. Applied Animal Nutrition. Ed. 2a 1982, Library of the Agricultural University of Athens.
- Kalaisakis P. Cat and dog nutrition. Library of the Agricultural University of Athens.
- Tserveni-Gousi A.S. Breeds and breeding in dogs and cats. 1st edition, Thessaloniki, Sinchroni Paideia, 2011.
- Arsenos G.I. Equine breeding. Tziolas Editions, 2011.

-Related Scientific Journals: -