Companion Animals Breeding [162]

COURSE OUTLINE

(1) GENERAL

SCHOOL	ANIMAL BIOSCIENCES		
ACADEMIC UNIT	DEPARTMENT OF ANIMAL SCIENCE		
LEVEL OF STUDIES	Undergraduate [Major Elective]		
COURSE CODE	162	**SEMESTER**	5th
COURSE TITLE	COMPANION ANIMALS BREEDING		

INDEPENDENT TEACHING ACTIVITIES *if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits*	**WEEKLY TEACHING HOURS**	**CREDITS**
Theory	3	3
Total	**3**	**3**
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).		

COURSE TYPE *general background, special background, specialised general knowledge, skills development*	Specialised general knowledge
PREREQUISITE COURSES:	--
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek
IS THE COURSE OFFERED TO ERASMUS STUDENTS:	No
COURSE WEBSITE (URL):	https://mediasrv.aua.gr/eclass/courses/EZPY181/
TEACHING STAFF:	Ariadne Hager, a.hager@aua.gr Vassilios Paraskeuas, v.paraskeuas@aua.gr

(2) LEARNING OUTCOMES

Learning outcomes

The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.

Consult Appendix A

- *Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area*
- *Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B*
- *Guidelines for writing Learning Outcomes*

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

- Explain and understand the biological cycle of equines, cats, and dogs (**Knowledge / Comprehension**).
- Independently and responsibly manage companion animals and the required equipment in breeding facilities (**Application / Responsibility**).
- Apply ethological knowledge to maintain appropriate welfare conditions for each species (**Application / Analysis**).
- Implement proper reproduction regimes to avoid inbreeding (**Application / Analysis**).
- Evaluate the energy and nutrient requirements and apply correct feeding techniques to maintain and promote animal health (**Analysis / Application / Evaluation**).

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

Search for, analysis and synthesis of data and information, with the use of the necessary technology	*Project planning and management*
Adapting to new situations	*Respect for difference and multiculturalism*
Decision-making	*Respect for the natural environment*
Working independently	*Showing social, professional and ethical responsibility and sensitivity to gender issues*
Team work	*Criticism and self-criticism*
Working in an international environment	*Production of free, creative and inductive thinking*
Working in an interdisciplinary environment	.....
Production of new research ideas	*Others...*
	.....

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

(3) SYLLABUS

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

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

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY *Face-to-face, Distance learning, etc.*	In class.
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY *Use of ICT in teaching, laboratory education, communication with students*	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 METHODS *The manner and methods of teaching are described in detail.* *Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.* *The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS*	
STUDENT PERFORMANCE EVALUATION *Description of the evaluation procedure* *Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other* *Specifically-defined evaluation criteria are given, and if and where they are accessible to students.*	**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.

Activity	***Semester workload***
Lectures	39 hours
Writing and presenting an assignment in the classroom, as a member of a small team (2-3 persons)	10 hours
Individual study	26 hours
Course total (25 h of workload per ECTS)	75 hours

(5) ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

- Case L.P., The Dog-Its behavior, nutrition and health, 2nd edition, 2005, Blackwell Publishing, Iowa, USA, ISBN 0-8138-1254-2
- Case L.P., The Cat: Its Behavior, Nutrition and Health, Wiley-Blackwell, Iowa, USA, ISBN 9780813803319
- 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 academic journals: