

COURSE OUTLINE

1. GENERAL

SCHOOL	AGRICULTURAL SCIENCES		
ACADEMIC UNIT	DEPT. OF ANIMAL PRODUCTION, FISHERIES AND AQUACULTURE		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	AS-3001	SEMESTER	8-10
COURSE TITLE	Breeding , trade and handling of companion animals		
INDEPENDENT TEACHING ACTIVITIES <i>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</i>		WEEKLY TEACHING HOURS	CREDITS
		2	3
<i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>			
COURSE TYPE <i>general background, special background, specialised general knowledge, skills development</i>	General background, Special background		
PREREQUISITE COURSES:	Students enrolled for this course are advisable to have a fairly good knowledge of Genetics and Basic Immunology.		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	NO		
COURSE WEBSITE (URL)	... to be constructed		

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

On successful completion of this unit, the students will be able to:

- **Understand the meaning of selective breeding, how can be achieved and possible ways of isolating defective familiar genes.**
- **Know the ways of inheritance of specific characteristics and reading pedigree data.**
- **Describe legislation(s) regarding breeding of companion animals as well as handling and their distribution.**

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

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Production of new research ideas

Others...

.....

- **Adapting to new situations**
- **Decision-making**
- **Respect for the natural environment**
- **Criticism and self-criticism**
- **Production of free, creative and inductive thinking**

3. SYLLABUS

- ✓ Basic principles of *Mendelian* Genetics. Chromosomes, genes and modes of inheritance.
- ✓ Basic animal Immunology.
- ✓ Pedigree interpretation.
- ✓ Selective breeding.
- ✓ Familiar disorders.
- ✓ Methods of controlling-eliminating familiar diseases.
- ✓ Reproduction techniques.
- ✓ Legislation for companion animals and handling.
- ✓ Understanding ethics and illegal breeding.

4. TEACHING and LEARNING METHODS - EVALUATION

<p style="text-align: center;">DELIVERY</p> <p style="text-align: center;"><i>Face-to-face, Distance learning, etc.</i></p>	<p>Face-to-face</p>	
<p style="text-align: center;">USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</p> <p style="text-align: center;"><i>Use of ICT in teaching, laboratory education, communication with students</i></p>	<p>Use of ICT in all teaching/learning activities.</p>	
<p style="text-align: center;">TEACHING METHODS</p> <p><i>The manner and methods of teaching are described in detail.</i></p> <p><i>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.</i></p> <p><i>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</i></p>	Activity	Semester workload
	Lectures	26
	Seminars and Laboratory practice	0
	Non-directed study	49
Course total	75	
<p style="text-align: center;">STUDENT PERFORMANCE EVALUATION</p> <p><i>Description of the evaluation procedure</i></p> <p><i>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</i></p> <p><i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i></p>	<p>Greek language</p> <p>Written or oral final examination (Conclusive) via:</p> <ul style="list-style-type: none"> - Multiple-choice questions and /or - Short-answer questions. <p>Minimum grade, 5.0 / 10.0.</p> <p>In case of failure, the student should repeat the entire procedure.</p>	

5. ATTACHED BIBLIOGRAPHY

Suggested bibliography:

- Dan Rice (2008) The complete book of dog breeding (2nd edition), BARRONS Publ
- Richard M Bourdon (1999) Understanding animal Breeding (2nd edition)