COURSE LAYOUT

1. **GENERAL**

SCHOOL	Animal Biosciences
DEPARTMENT	Animal Science
STUDY LEVEL	*Undergraduate – Elective*
COURSE CODE	238 **SEMESTER** 9th
COURSE TITLE	Animal Production and Public Health

INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS
Theory	2	2
Total	2	2

COURSE TYPE	Scientific Field
PREREQUISITES	--
LANGUAGE	Greek (English for Erasmus students)
IS THE COURSE OFFERED forERASMUS STUDENTS?	Yes (in English)
COURSE WEB PAGE	https://mediasrv.aua.gr/eclass/courses/EZPY216/
TEACHING STAFF	Athanasios Gelasakis

2. **LEARNING OUTCOMES**

Learning Outcomes

The course is focused on the study and analysis of the parameters of Animal Production that influence Public Health, and at the investigation and understanding of the surveillance and control of these factors with regards to the protection of Public Health.

The expected learning outcomes are the following:
- The ability to acquire, comprehend, evaluate and utilise the relevant international literature and regulations in order to learn the procedure of their analysis.
- Comprehend the relevant terminology and regulations.
- Comprehend the measures of public health protection at the level of animal production.

With regards to Bloom the student will be able to:
- Comprehend the relevant terminology [KNOWLEDGE, COMPREHENTION]
- Learn the relevant regulations [KNOWLEDGE, COMPREHENTION]
- Be able to analyse and present relevant data [ANALYSIS]
- Combine theoretical knowledge and research experience to the level necessary for the analysis of the relevant international information in order to implement and evaluate the measures of public health protection applicable in animal production [ANALYSIS]

General Competences

- Investigate, analyse and compose data and information, using the appropriate technical means
- Autonomous work
- Decision making
- Team work
- Promote free, creative and conductive thinking

3. COURSE CONTENT

- Basic principles of veterinary epidemiology
- Epidemiological studies
- Epidemic curves
- Passive and active surveillance
- One health
- Zoonotic diseases
- Food-borne and water-borne diseases
- Professional hazards in livestock production
- The hygienic impact of waste of animal establishments
- Antibiotic resistance in animal science

4. TEACHING and LEARNING METHODS - Evaluation

TEACHING METHOD	Face-to-face Distant learning through the Eclass platform and MS Teams through the E-class platform and MS Teams
USE OF INFORMATICS and COMMUNICATION TECHNOLOGIES	- PowerPoint presentations and Internet (literature, visual training material) - E-learning platform http://zp.aua.gr/el/content/eA/virtual - Communication via e-mail and e-class - Lectures available through e-class platform

TEACHING ORGANISATION	Activities	Workload per semester
	Non-supervised study	20
	Interactive teaching - lectures	15
	Research essay	15
	Total contact hours and training (25 hours per ECTS)	50
	Total	**50**

STUDENT EVALUATION	The evaluation will be conducted in Greek for undergraduate students and in English for Erasmus students - Optional attendance of Lectures. - Written exams with short answer and multiple-choice questions. - Preparation of an essay on one of the subjects of the course and presentation in the class (50% bonus on the final grade). - Erasmus students prepare a written essay of their choice related to the course and present it in the class.

5. BIBILIOGRAPHY

Scientific Journals:

American Journal of Public Health,
Journal of Agricultural Science,
Journal of Animal Science
EFSA journal