

COURSE OUTLINE

1. GENERAL

FACULTY	Faculty of Applied Economics and Social Sciences		
DEPARTMENT	Regional and Economic Development		
EDUCATION LEVEL	Undergraduate		
CODE NU.	POA2316	SEMESTER	C' (AUTUMN)
SUBJECT TITLE	Agricultural Economics		
TEACHER			
OFFICE HOURS			
email			
SELF-ENDED TEACHING ACTIVITIES in case the credits are awarded in separate parts of the course e.g. Lectures, Laboratory Exercises, etc. If the credits are awarded uniformly for the entire course, enter the weekly teaching hours and total credits		WEEKLY TEACHING HOURS	TEACHING/ CREDIT UNITS
Lectures		5	5
<i>Add rows if necessary. The teaching organization and the teaching methods used are described in detail in 4.</i>			
COURSE TYPE Background, General Knowledge, Scientific Area, Skill Development	General knowledge and scientific area course		
PREREQUISITE	-		
TEACHING and EXAMINATION LANGUAGE	Greek		
THE COURSE IS OFFERED TO ERASMUS STUDENTS	No		
ELECTRONIC COURSE WEBSITE (URL)	The course will be presented together with notes and other supporting material in the eclass of the GRA (www.aua.gr)		

LEARNING OUTCOMES

Learning results

The learning outcomes of the course are described, the specific knowledge, skills and abilities of an appropriate level that the students will acquire after the successful completion of the course.

Knowledge

- To understand the basic concepts of organization and operation of agricultural product markets in the framework of the CAP and the constantly changing international environment.
- To know/distinguish the elements that make up the factors of production, the production function as well as the way of decision-making in agricultural holdings.
- To understand: the economic organization of production, volatility, the intertemporal behavior of prices and the effect of uncertainty, the way prices are formed in an agricultural market, the price strategies available to firms to maintain or enhance their market power preventing other firms from entering the industry, the role of diversification in the food and agricultural market.

Abilities

- To develop economic thinking adapted to the data of the real market of the rural area.
- Understand the economic environment in which an agricultural business operates and analyze its parameters.
- To analyze and evaluate the possibilities of development and evolution of the rural area
- Apply the theory of utility and preferences to study the demand and supply of agricultural products.
- To analyze the developments in the Common Agricultural Policy of the European Union

Skills

- Know/apply the calculation of demand and supply elasticities of agricultural products.
- Solve problems and exercises focusing on the application of economic methodologies.
- To manage the accounting organization and monitoring of a farm exploitation.
- • To assess issues related to the agricultural economy, the organization of holdings and to approach the analysis of the effects of policy measures on agricultural product markets.

General Skills

Taking into account the general competences that the graduate must have acquired (as listed in Diploma Appendix and are listed below) to which / which of them is the course aimed at?

Data retrieval, analysis and synthesis and information, using and necessary technologies

Adaptation to new situations

Decision making

Autonomous work

Teamwork

Work in an international environment

Work in an interdisciplinary environment

Generating new research ideas

Project planning and management

Respect for diversity and multiculturalism

Respect for the natural environment

Demonstration of social, professional and ethical responsibility and gender sensitivity

Exercise criticism and self-criticism

Promotion of free, creative and inductive thinking

Decision making

Working in an interdisciplinary environment
Generating new research ideas

2. COURSE CONTENT

Analysis of preference and utility theory. Demand for agricultural products. Elasticity of demand for agricultural products. Analysis of factors of production. Agricultural land. Work. Capital. Reference and development to the characteristics that structure the agricultural sector. Market and its structure. Perfect competition model. Short run equilibrium of the firm. Agricultural enterprise supply curves. Balance of the sector. Intervention policies. Implementation measures. Impact analysis on agricultural exploitation. Market impact analysis. International economic relations. Operation of the rural area in volatile market conditions. International trade relations. Their importance and their contribution to the strengthening of rural entrepreneurship in Greece. The concept of integration and its importance in the rural area and the rural economy.

3. TEACHING AND LEARNING METHODS - ASSESSMENT

TEACHING METHODS Face to face, Distance learning etc.	In person Lectures and meetings with students	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES Use of T.P.E. in Teaching, in Laboratory Education, in Communication with students	<p>- For the needs, on the one hand, of the enriched presentations of the Thematic Units & on the other hand, of the active experiential participatory methods & techniques, modern audio-visual material is used (power-point, slides, educational videos, etc.).</p> <p>- In addition, modern & innovative methods & techniques of teaching & learning, including new technologies, are used where appropriate, emphasizing active participation.</p> <p>- Communication with students is carried out in the following ways: (a) in person, on a personal level, (b) using e-mail & (c) using direct telecommunication (e.g. MS Tools, skype) etc.)</p>	
TEACHING ORGANIZATION The way and methods of teaching are described in detail. Lectures, Seminars, Laboratory Exercise, Field Exercise, Literature Study & Analysis, Tutorial, Internship (Placement), Clinical Exercise, Art Workshop, Interactive Teaching, Educational Visits, Study Preparation (Project), Writing Paper / Assignments, Artistic Creation, etc. etc. The student's study hours for each learning activity as well as the hours of unguided study are listed so that the total workload at semester level corresponds to the ECTS standards	Activity	Semester Workload
	Lectures	65 hours
	Study of taught material	27 hours
	Exercises and practice in the field of Agricultural economics	33 hours
	Total	125 hours
STUDENT EVALUATION Description of the evaluation process	Written exams at the end of the semester (100%),	

<p>Assessment Language, Assessment Methods, Formative or Deductive, Multiple Choice Test, Short Answer Questions, Essay Development Questions, Problem Solving, Written Assignment, Report / Report, Oral Examination, Public Presentation, Laboratory Work, Clinical Patient Examination, Artistic Interpretation, Other / Others</p> <p>Explicitly defined evaluation criteria are mentioned and if and where they are accessible by students.</p>	
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4. RECOMMENDED-BIBLIOGRAPHY

Basic textbooks:

- Agricultural economics. Lianos Theodoros, Damianos Dimitrios, Mergos Georgios, Demousis Michael, Katranidis Stylianos. Benou Publications. Fourth edition - 2016.
- Akimowicz, M., Richard, V.J., Cummings, H, and Landman, K. (2018). An introduction to mixed methods research in agricultural economics: The example of farm investment in Ontario's Greenbelt, Canada. *Journal of Rural Studies* 61, 162–174. <https://doi.org/10.1016/j.jrurstud.2018.04.012>
- de Brauw, A. and Hoffmann, V. (2020). The influence of the 2019 nobel prize winners on agricultural economics. *World Development* 127, 104793. <https://doi.org/10.1016/j.worlddev.2019.104793>
- Menegaki, A.N, and Tugcu, C.T. (2018). Two versions of the Index of Sustainable Economic Welfare (ISEW) in the energy-growth nexus for selected Asian countries. *Sustainable Consumption and Production*, 14, 22-35. <https://doi.org/10.1016/j.spc.2017.12.005>
- Menegaki, A.N, and Tugcu, C.T. (2017). Energy consumption and Sustainable Economic Welfare in G7 countries? A comparison with the conventional nexus. *Renewable and Sustainable Energy Review* 69, 892-901. DOI: 10.1016/j.rser.2016.11.133
- Potts, J, and Kastle, T. (2017). Economics of innovation in Australian agricultural economics and policy. *Economic Analysis and Policy*, 54, 96–104. <https://doi.org/10.1016/j.eap.2017.03.003>