

COURSE LAYOUT

1. GENERAL

SCHOOL	Applied Economic and Social Sciences		
DEPARTMENT	AGRICULTURAL ECONOMICS AND RURAL DEVELOPMENT		
STUDY LEVEL	<i>Undergraduate</i>		
COURSE CODE	3620	SEMESTER	4 th
COURSE TITLE	Agricultural systems in the world		
INDEPENDENT TEACHING ACTIVITIES		WEEKLY TEACHING HOURS	ECTS
LECTURES		5	5
COURSE TYPE	Skill Development		
PREREQUISITES			
LANGUAGE	Greek		
IS THE COURSE OFFERED for ERASMUS STUDENTS?	No		
COURSE WEB PAGE	https://mediasrv.aua.gr/eclass/courses/AOA211/		

2. LEARNING OUTCOMES

Learning Outcomes
<p>The main objective of the course is to offer to students knowledge and the methodology in order to comprehend the role of natural, social and economics factors in order to assess the potential and limits of agricultural systems' transformations, both at spatial and temporal scales. With this aim specific agricultural systems are selected, representative in terms of ecological, technical, social and political issues, in order to interpret their evolution in time and to comprehend their relationship with the environmental conditions.</p> <p>Upon successful completion of the course students should be able to :</p> <ul style="list-style-type: none"> • Acquire knowledge and understand the main methodological approaches and tools for agricultural systems' analysis, hence enable them to follow scientific advancement in that field. • To be able to use the knowledge and skills acquired in order to identify, describe, analyse and assess the agricultural system in an area, its origins and the technical, economic, environmental and social issues imposed by, the transformations and development.

- To be able to use the knowledge and skills acquired in order to combine and synthesize data of different origin (economic, social, environmental), drawing conclusions and promoting synthetic interpretations of an interdisciplinary character.
- To communicate clearly the conclusions as well as the rationale behind the conclusions and interpretations both to experts and lay persons.
- Acquire the skills that would enable him/her to advance in his/her studies

General Competences

- Exploration, analysis and synthesis of data and information
- Team work
- Autonomous work
- Decision making
- Tolerance and respect for different cultures
- Respect for the natural environment
- Critical and self critical thinking
- Advancement of free, creative and inductive thinking.
- Work in an interdisciplinary environment

3. COURSE CONTENT

Evolution, agriculture and history – adaptation to the environment

Case studies of agricultural systems

- Slash and burn systems
- Hydraulic systems
- Mountain agricultural systems
- Crop rotation – fallow land systems in temperate climates

The agricultural revolution of modern ages

Agricultural crisis

Spatial analysis of land use and agricultural systems

4. TEACHING AND LEARNING METHODS - EVALUATION

TEACHING METHOD	Face to face lectures
USE OF INFORMATICS and COMMUNICATION TECHNOLOGIES	Power Point presentations . Students use PP or other presentation software for their presentations.

	Teaching is supported through open e-class, a University education platform.	
TEACHING ORGANISATION	<i>Activity</i>	<i>Work Load</i>
	Lectures (direct)	50 h
	Literature study & analysis, composition of a report	30 h
	Interactive lectures	15 h
	Individual study	30 h
	<i>Total contact hours and training</i>	125 h (5 ECTS)
STUDENTS EVALUATION	<p>In Greek.</p> <p>The evaluation is made through a final examination comprised of questions requiring short answers. Students can choose among and report on one of the subjects offered to them. They are asked to present their report to an audience. Both the written report and the presentation are evaluated as part of the overall performance. An additional 10, 20 or 40% is offered upon successful completion of the report, depending on the quality.</p> <p>During the spring semester of 2019-2020 exams have been conducted through e-class. Open questions have been used requiring a short answer.</p>	

5. BIBLIOGRAPHY

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Isavella Gidarakou. Agriculture and Agricultural systems in the world. ISBN: 978-960-333-986-1. Γρηγόρης. Αθήνα, 2016

Dufumier, Marc , 2004, Agricultures et paysanneries des tiers mondes. Paris, Karthala.

Cochet H., S. Devienne et M. Dufumier, 2007, L'agriculture comparée, une discipline de synthèse?, Economie rurale, no 297-298, p.99-112.

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Vandermotten C., P.Marissal et G.Van Hamme, La production des espaces économiques. La formation du système monde, t. 1, 3e ed. Revue et augmentée, Bruxelles, Éditions de l'Université de Bruxelles, 2010.

Journals

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