# COURSE OUTLINE

## 1. GENERAL

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|---|---|---|---|
| **SCHOOL** | APPLIED ECONOMIC AND SOCIAL SCIENCES | | |
| **ACADEMIC UNIT** | AGRIBUSINESS AND SUPPLY CHAIN MANAGEMENT | | |
| **LEVEL OF STUDIES** | *Undergraduate* | | |
| **COURSE CODE** | **5710** | **SEMESTER** | 7th |
| **COURSE TITLE** | AGRICULTURAL COOPERATIVES | | |
| **INDEPENDENT TEACHING ACTIVITIES** | | **WEEKLY TEACHING HOURS** | **CREDITS** |
| | Lectures | 4 | 5 |
| **COURSE TYPE** | Specialized general knowledge | | |
| **PREREQUISITE COURSES** | NO | | |
| **LANGUAGE OF INSTRUCTION and EXAMINATIONS** | Greek | | |
| **IS THE COURSE OFFERED for ERASMUS STUDENTS?** | YES (in English) | | |
| **COURSE WEBSITE (URL)** | https://oeclass.aua.gr/eclass/ | | |

## 2. LEARNING OUTCOMES

**Learning Outcomes**

The aim of the course is to:

- examine the key concepts of agricultural cooperativism and knowledge management (individual and collective) in the agricultural sector.
- analyse the techniques, tools and systems for agricultural collaborative work and knowledge management in the agri-food ecosystem.
- link knowledge to strategy and innovation in agri-food ecosystems in the context of agro-ecology principles.

**Upon successful completion of the course, the student will be able to:**

- apply cooperative principles, the principles of agro-ecology.
- design and develop the structure and organisation of cooperatives.
- apply strategies of cooperative development
- recognise the importance of collective and individual knowledge as a strategic resource
- describe methods of creating, storing, disseminating and utilising knowledge
- apply organisational learning and change management practices
- develop knowledge management strategies adapted to agro-industrial systems and coopratives

**General Competences**

- Analysis of complex problems and synthesis of solutions
- Adapting to new situations
- Decision-making
- Working independently

- Teamwork
- Working in an international and multi-cultural environment
- Production of new research ideas
- Working in an interdisciplinary environment
- Project planning and management
- Advance free, creative and causative thinking

**3. SYLLABUS**

1. Introduction to the concepts of cooperativism, the cooperative idea and the cooperative
2. Historical development of cooperativism in Greece
3. Cooperative principles and values governing the operation of agricultural cooperatives and the connection with the principles of agroecology
4. Alternative Forms of Organisation. Characteristics, cooperatives scope and development of collective knowledge
5. Organizational Behaviour: Investigation of the agency problem of representation and techniques of motivating members.
6. Co-operative management: roles, duties and levels of authority within co-operatives.
7. Economic Theory & Management: basic definitions and ratios relevant to cooperatives.
8. Key concepts and principles, key terms and principles of the cooperative society: Legislation governing the operation of cooperatives in Greece.
9. Introduction to the concepts of knowledge management and the link to Knowledge Structures, Knowledge Types, and Technologies for Knowledge Management (KMS)
10. Knowledge creation: the Nonaka and Takeuchi model. Knowledge management metrics and indicators
11. Problems and barriers to change and transformation in the agricultural sector
12. Case studies and best practices of agricultural cooperativism and knowledge management in agricultural enterprises
13. Current trends and future challenges: Funding, innovation, as well as environmental, social and economic impact of cooperatives

A combination of teaching and learning methods will be used, aiming at the active participation of the students and the practical application of the thematic units under examination; there will also be lectures using audiovisual media, discussions, and analyses of case studies on real business issues, experiential (group) activities, as well as projections of relevant videos. The students will also undertake an individual or group project. Furthermore, articles, audiovisual lecture materials, web links/addresses, useful information, case studies and exercises for further practice are posted in digital form on the AUA Open e-Class platform.

**4. TEACHING and LEARNING METHODS - EVALUATION**

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|---|---|
| **DELIVERY** | Face-to-face, Distance learning |
| **USE OF INFORMATION and COMMUNICATIONS TECHNOLOGY** | • Support of the learning process through the University's AUA Open eClass platform (integrated e-Course Management System)<br>• Support of lectures using presentation software<br>• Use of audiovisual material<br>• Use of web applications |

<table>
<tr><td></td><td>Communication with students: face to face at office hours, email, eclass platform</td></tr>
<tr><td>TEACHING METHODS</td><td>
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<tr><th>Activity</th><th>Workload</th></tr>
<tr><td>Lectures (direct)</td><td>52</td></tr>
<tr><td>Writing paper/ papers</td><td>32</td></tr>
<tr><td>Independent Study</td><td>39</td></tr>
<tr><td>Advisory support</td><td>0,5</td></tr>
<tr><td>Exams</td><td>2</td></tr>
<tr><td>Course Total (Approximately 25 hours of workload per credit unit 125.5)</td><td>125,5</td></tr>
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<tr><td>STUDENT PERFORMANCE EVALUATION</td><td>The evaluation process is in the language that the course is taught (Greek or English) and consists of:<br>i. Compulsory written final examination at the end of the semester (weighting factor 70% at least) which may include:<br>• Multiple choice questionnaires<br>• Open-ended questions<br>• Problem solving<br>• Oral examination<br>Evaluation criteria: correctness, completeness, clarity<br>ii. Compulsory written essay during the semester (weighting factor 30%)<br>Evaluation criteria: correctness, completeness, clarity<br><br>Special learning difficulties:<br><br>Students with special learning difficulties in writing and reading (as they are certified and characterized by a competent body) are examined based on the procedure provided by the Department.<br><br>Specifically-Defined Criteria:<br>The evaluation criteria are made known during the first lesson and are clearly stated on the course website and the AUA Open e-class platform. The answers to the exam questions are posted on the AUA Open e-Class platform after the exam. The students are allowed to see their exam paper after its grading (during the announced office hours) and receive explanations about the grade they received.</td></tr>
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**5. ATTACHED BIBLIOGRAPHY**

***Suggested Bibliography in Greek Language:***

- Βιβλίο [77271644]: **Έρευνα και Ανάπτυξη νέων προϊόντων και Επιχειρηματικών Σχεδίων,** (2019, Σφλώμος Κωνσταντίνος, Βαρζάκας Θεόδωρος, ISBN: 9786185309701, ΤΣΟΤΡΑΣ ΑΝ ΑΘΑΝΑΣΙΟ
- Βιβλίο [94645251]: Επιχειρηματικότητα, Neck Heidi, Neck Christopher, Murray Emma (Συγγρ.) - Τσίτσκαρη Έφη, Σταμπουλής Γιώργος (Επιμ.)
- Βιβλίο [86183338]: Επιχειρηματικότητα, Alain Fayolle
- Βιβλίο [102123994]: Επιχειρηματικότητα και Καινοτομία. Σύγχρονες προσεγγίσεις και πρακτικές διαχείρισης, Λάμπρος Βασιλειάδης
- Βιβλίο [94700732]: Κοινωνική οικονομία και κοινωνική επιχειρηματικότητα: Η ευρωπαϊκή και η ελληνική εμπειρία, Λιαργκόβας Παναγιώτης Γ., Αποστολόπουλος Νικόλαος, Δερμάτης Ζαχαρίας
- Βιβλίο [94644184]: ΕΠΙΧΕΙΡΗΜΑΤΙΚΟΤΗΤΑ ΚΑΙ ΜΙΚΡΕΣ ΕΠΙΧΕΙΡΗΣΕΙΣ: ΕΚΚΙΝΗΣΗ, ΑΝΑΠΤΥΞΗ ΚΑΙ ΩΡΙΜΟΤΗΤΑ, PAUL BURNS
- Βιβλίο [86201100]: Επιχειρηματικότητα και Καινοτομία, Σουμπενιώτης Δημήτριος, Ταμπακούδης Ιωάννης
- Βιβλίο [77107408]: Επιχειρηματικότητα-Από τη Θεωρία στην Πράξη, Kuratko F. Donald, Επιμέλεια Έκδοσης Φαφαλιού Ειρήνη
- Βιβλίο [77106780]: Διεθνείς Επιχειρήσεις και Επιχειρηματικότητα, 8η Έκδοση, Griffin Ricky W., Pustay M.W., Δημήτρης Μανωλόπουλος, Παναγιώτα Σαπουνά (επιμέλεια)
- Βιβλίο [112695355]: ΓΥΝΑΙΚΕΙΑ ΚΟΙΝΩΝΙΚΗ ΕΠΙΧΕΙΡΗΜΑΤΙΚΟΤΗΤΑ, ΠΑΝΑΓΙΩΤΗΣ ΚΥΡΙΑΚΟΠΟΥΛΟΣ

***Suggested Bibliography in English Language (indicative):***

- Bruce Campbell et al, (2023) Transforming Food Systems Under Climate Change through Innovation, Cambridge University Press
- Neck Heidi M., Neck Christopher P., Murray Emma L. (2020), Entrepreneurship: The Practice and Mindset, SAGE Publications, 2nd Edition, ISBN-13 : 978-1544354620
- Bessant, J. & Tidd, J. (2016) Innovation and Entrepreneurship, Wiley; 3rd edition, ISBN-13 : 978-1118993095

***Related academic Journals:***

- Entrepreneurship Theory and Practice
- Journal of Global Entrepreneurship Research
- Strategic Management Journal
- Journal of Food Innovation, Nutrition, and Environmental Sciences (JFINES)
- Innovative Food Science and Emerging Technologies (IFSET)

***Related academic papers:***

- Anastasopoulou A., Marentakis H., Trivellas P. (2024), **Towards the development of context-sensitive agrifood entrepreneurial skills frameworks**. In: Sakas, D.P., Nasiopoulos, D.K., Taratuhina, Y. (eds) Computational and Strategic Business Modelling. IC-BIM 2021. Springer Proceedings in Business and Economics. Springer, Cham, pp. 301–312. https://doi.org/10.1007/978-3-031-41371-1_25
- Trivellas, P., Mavrommati, S., Anastasopoulou, A., Grapas, C., Kallikantzarou, E. (2023), **Agro living Labs: Creating innovative, sustainable, resilient and social inclusive food**

**systems**, The 8th Conference of the Sustainable Solutions for Energy and Environment EENVIRO 2022, Bucharest, 16-20 October. IOP Conf. Ser.: Earth Environ. Sci. 1185 012036, DOI 10.1088/1755-1315/1185/1/012036 (https://iopscience.iop.org/article/10.1088/1755-1315/1185/1/012036)

***Instructor's Notes***