COURSE OUTLINE

1. GENERAL

SCHOOL	School of Applied Economics and Social Sciences		
ACADEMIC UNIT	Department of Agricultural Economics and Rural Development-MBA Food & Agribusiness		
LEVEL OF STUDIES	Postgraduate Studies		
COURSE CODE	**410102**	**SEMESTER**	**1st**
COURSE TITLE	**Supply Chains Of Agricultural Products**		

INDEPENDENT TEACHING ACTIVITIES *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*	**WEEKLY TEACHING HOURS**	**CREDITS**
	3	4
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).		

COURSE TYPE *general background, special background, specialised general knowledge, skills development*	Special background
PREREQUISITE COURSES:	-
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek
IS THE COURSE OFFERED TO ERASMUS STUDENTS	No
COURSE WEBSITE (URL)	http://mba.aua.gr/en/category/education/courses/

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*

The course deals with issues related to the planning and operation of supply chains in companies and organizations, with an emphasis on agri-food products. We discuss topics related to procurement, inventory management, product distribution, and order fulfillment, as well as issues related to warehousing and freight operations. In addition, we examine the particularities and the main stakeholders of agri-food supply chains as well as issues related to the strategic role and importance of supply chain operations in achieving sustainable development goals.

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

- explain the structure, components and particularities of agri-food supply chains
- apply modern approaches, tools and methods in supply chain management
- apply a systemic and holistic approach to supply chain management
- compare alternatives in the design and operation of supply chains

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
Adapting to new situations
Decision-making
Working independently
Team work
Working in an international environment
Working in an interdisciplinary environment
Production of new research ideas
Project planning and management
Respect for difference and multiculturalism
Respect for the natural environment
Showing social, professional and ethical responsibility and sensitivity to gender issues
Criticism and self-criticism
Production of free, creative and inductive thinking
……
Others…
…….

- Search for, analysis and synthesis of data and information, with the use of the necessary technology
- Decision-making

- Working independently
- Team work
- Production of new research ideas
- Respect for difference and multiculturalism
- Respect for the natural environment
- Showing social, professional and ethical responsibility and sensitivity to gender issues
- Criticism and self-criticism
- Production of free, creative and inductive thinking

3. SYLLABUS

- Operations management and supply chain management
- Supply chain and value chain
- Procurement management
- Inventory management
- Warehousing
- Freight transport
- Distribution channels, order management and customer service
- Supply chain planning (capacity and facility location)
- Supply chain planning (routing)
- Extended supply chain – Circular economy – Sustainable development
- Modern modeling and analysis tools
- Presentations of group assignments – Exam preparation

4. TEACHING and LEARNING METHODS - EVALUATION

DELIVERY *Face-to-face, Distance learning, etc.*	Face-to-face, Distance learning
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY *Use of ICT in teaching, laboratory education, communication with students*	• Support of the learning process through the AUA Open eClass platform of the University (Integrated Electronic Course Management System) • Support of the lectures using presentation software • Use of audiovisual material • Use of Internet applications
TEACHING METHODS *The manner and methods of teaching are described in detail.* *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.* *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*	***Activity*** / ***Semester workload*** Lectures: 36 Projects: 22 Essay writing: 10 Self-directed study: 32 Course total: ***100***
STUDENT PERFORMANCE EVALUATION *Description of the evaluation procedure* *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* *Specifically-defined evaluation criteria are given, and if and where they are accessible to students.*	The evaluation process is in the Greek language and consists of: i. Compulsory written final examination at the end of the semester (weighting factor 70%) which includes: • Open-ended questions (evaluation criteria: correctness, completeness, clarity) • Problem solving (evaluation criteria: correctness, completeness, clarity) • Multiple choice test (evaluation criterion: correctness) ii. Compulsory written group assignment (weighting factor 30%) which includes: • Open-ended questions (evaluation criteria: correctness, completeness, clarity) • Public presentation (evaluation criteria: correctness, completeness, clarity) The exam syllabus is listed on the AUA Open eClass platform.

5. ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

In Greek

- Chopra, S. & Meindl, P. (edited by Androutsopoulos, K. & Mantas, M.) (2020). Supply Chain Management. Thessaloniki: Tziola.
- Christopher, M. (edited by Vlachos, D.) (2017). Logistics and Supply Chain Management. Athens: Kritiki.
- Harrison, A. & van Hoek, R. (edited by Giannakopoulos, D. & Moschouris S.) (2021). Logistics Management and Strategy. Athens: Rosili.
- Heizer, J., Render, B., & Munson, C. (edited by Tsiotras, G.) (2020). Operations Management. Nicosia: Broken Hill.
- Jacobs, F.R. & Chase, R.B. (edited by Askounis, D., Marinakis, I. & Nearchou, A.) (2011). Operations and Supply Chain Management. Nicosia: Broken Hill.
- Achillas, C., Bochtis, D., Aidonis, D. & Folinas, D. (2020). Sustainable supply chains. Athens: Kritiki.
- Dimitriadis, S.G. & Michiotis, A.N. (2020). Production systems management. Athens: Kritiki.
- Laios, L. (2010). Procurement Management. Athens: Humantec.
- Malindretos, G. (2015). Supply chain, logistics and customer service. Athens: Association of Greek Academic Libraries.
- Fotiadis, T., Folinas, D., Vassiliou, K. & Constantoglou, A. (2020). Marketing and Supply Chain Management. Nicosia: Broken Hill.

In English

- Bowersox, D., Closs, D., Cooper, M.B. & Bowersox, J.C. (2020). Supply Chain Logistics Management. New York: McGraw-Hill.
- Gattorna, J. & Ellis, D. (2019). Transforming Supply Chains: Realign your business to better serve customers in a disruptive world. London: Pearson.
- Sanders, N.R. (2020). Supply Chain Management: A Global Perspective. Hoboken: Wiley.

- Related academic journals:

- International Food and Agribusiness Management Review
- Journal of Agribusiness in Developing and Emerging Economies
- Journal of Agriculture, Food Systems, and Community Development
- Journal of Cleaner Production
- Journal of Sustainable Development
- Sustainability