COURSE OUTLINE

1. GENERAL

SCHOOL	APPLIED ECONOMIC AND SOCIAL SCIENCES		
ACADEMIC UNIT	AGRIBUSINESS AND SUPPLY CHAIN MANAGEMENT		
LEVEL OF STUDIES	*Undergraduate*		
COURSE CODE	**5607**	**SEMESTER**	6th
COURSE TITLE	SUSTAINABLE SUPPLY CHAIN		
INDEPENDENT TEACHING ACTIVITIES		**WEEKLY TEACHING HOURS**	**CREDITS**
Lectures		4	5
COURSE TYPE	Special Background		
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 concept of sustainability and how it affects the design and operation of supply chains.
- examine the three pillars of sustainability (economic, social, environmental), the systems, methods and tools that support the relevant decision-making processes.

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

- describe the basic concepts of sustainability
- explain the importance of sustainability in the modern business environment
- explain the role of the stakeholders
- consider alternative supply chain scenarios that take into account economic, social and environmental criteria
- assess the performance of supply chains in terms of sustainability dimensions.

General Competences

- Adapting to new situations
- Decision-making
- Working independently
- Teamwork
- Working in an international environment
- Working in an interdisciplinary environment
- Production of new research ideas
- Project planning and management
- Respect for the natural environment
- Showing social, professional, and ethical responsibility and sensitivity to gender issues
- Advance free, creative and causative thinking

3. SYLLABUS

1. Introduction to basic concepts (Environmental Management, Stakeholders, Resources and Capabilities)
2. The pillars of sustainable development
3. The financial problems
4. The social problems
5. The environmental problems
6. Establishment of environmental and human health standards
7. Risk assessment and risk management
8. Management systems
9. ESG Frameworks and Standards
10. Impact assessment tools
11. Circular economy
12. Industrial ecology
13. Special topics

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

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) • Support of lectures using presentation software • Use of audiovisual material • Use of web applications **Communication with students**: face to face at office hours, email, eclass platform
TEACHING METHODS	

Activity	*Workload*
Lectures (direct)	52
Writing paper/ papers	32
Independent Study	39
Advisory support	0.5
Exams	***2***
Course Total	***125.5 h***

	(Approximately 25 hours of workload per credit unit 125.5)	
STUDENT PERFORMANCE EVALUATION	The evaluation process is in the language that the course is taught (Greek or English) and consists of: i. Compulsory written final examination at the end of the semester (weighting factor **70**% at least) which may include: • Multiple choice questionnaires • Open-ended questions • Problem solving • Oral examination **Evaluation criteria:** correctness, completeness, clarity ii. Compulsory written essay during the semester (weighting factor 30%) **Evaluation criteria:** correctness, completeness, clarity **Special learning difficulties:** 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. **Specifically-Defined Criteria:** 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.	

5. ATTACHED BIBLIOGRAPHY

Suggested Bibliography in Greek Language:

- Haski-Leventhal, D. (2018). *Στρατηγική Εταιρική Κοινωνική Ευθύνη*. Θεσσαλονίκη: Τζιόλα
- Αχίλλας, Χ., Μπόχτης, Δ., Αηδόνης, Δ. & Φωλίνας, Δ. (2020). *Αειφόρες εφοδιαστικές αλυσίδες*. Αθήνα: Κριτική.
- Καρβούνης, Σ. & Γεωργακέλλος, Δ. (2016). *Διαχείριση του Περιβάλλοντος*. Αθήνα: Βαρβαρήγου.

Related academic Journals:

- Journal of Cleaner Production
- Journal of Sustainable Development

- Sustainability

Instructor's Notes