COURSE OUTLINE

(1) General

School:	Social Sciences		
Academic Unit:	Geography		
Level of studies	Undergraduate		
Course Code:	GEO 416	**Semester:**	H
Course Title:	Environmental Impact Assessment		
Independent Teaching Activities	**Weekly Teaching Hours**	**Credits**	
Lecture	3		
		Course total	5
Course Type:	Optional		
Prerequisite Courses:	None		
Language of Instruction and Examinations	Greek		
Is the course offered to Erasmus students:	No		
Course Website (Url):	https://geography.aegean.gr/pps/index_en.php?content=0&lesson=416		

(2) Learning Outcomes

Learning Outcomes

- Knowledge for the need of EIA at various scales and categories of projects
- Knowledge of the main procedure and techniques by stage on the basis of available data
- Knowledge of the implementation of EIA in Greece, the EU and internationally
- Knowledge of the usefulness of EIS in spatial and environmental planning
- Knowledge of the need for interdisciplinary cooperation and coordination for conducting EIS and of the necessary skills and knowledge
- Experience with conducting an EIS and the problems that arise

General Competences

1. Decision-making
2. Working in an international environment
3. Working in an interdisciplinary environment
4. Project planning and management
5. Respect for the natural environment
6. Criticism and self-criticism
7. Production of free, creative and inductive thinking

(3) Syllabus

The course offers basic knowledge of the theory, methods and techniques as well as of applications of

Environmental Impact Assessment (EIA) and of the related Environmental Impact Assessment Studies (EIS). The main modules of the course are:

- The broader framework within which EIA and EIS are embedded; historic overview of EIA
- The legal framework for environmental protection in the EU, the European EIA Directive; the legal framework for environmental protection in Greece; transcription of the European EIA Directive.
- Environmental impact assessment: definitions, impact categories, methodological issues, the main procedure for conducting an EIA, selected techniques for identifying impacts
- Analysis of the stages of the EIA process and related techniques
- Strategic Environmental Assessment
- EIA – abiotic environment (geology, geomorphology, soils)
- EIA – water resources (surface and groundwater)
- EIA -- ecosystems
- Social and economic impact assessment
- Implementation of EIA – the Greek experience
- Implementation of EIA – the EU experience

(4) Teaching and Learning Methods - Evaluation

Delivery:	Face to face	
Use of Information and Communication Technology:		
Teaching Methods:	**Activity**	**Semester workload**
Lecture	39	
Tutorials	15	
Project	25	
Non-supervised study	26	
Performance evaluation/Exams	20	
	Course total<	125
Student Performance Evaluation	Term paper, final exam and in-class participation	

(5) Attached Bibliography

1. Βαβίζος, Γ.Χ. (2003) Περιβάλλον: Μελέτες περιβαλλοντικών επιπτώσεων. Εκδόσεις Παπασωτηρίου, Αθήνα.
2. Canter. L. (1997) Environmental Impact Assessment, 2nd Edition, New York, McGraw-Hill.
3. McAllister, D. (1980) Evaluation in Environmental Planning. Cambridge, The MIT Press.
4. Wathern, P. ed. (1992) Environmental Impact Assessment: Theory and Practice. London, Routledge.
5. Καρβούνης, Σ. Και Δ. Γεωργακέλλος (2003) Διαχείριση του περιβάλλοντος: Επιχειρήσεις και Βιώσιμη Ανάπτυξη. Εκδόσεις Σταμούλη, Αθήνα.
6. Electronic journal «Law and Nature»