

COURSE OUTLINE

(1) GENERAL

SCHOOL	School of Environment		
ACADEMIC UNIT	Department of Environment		
LEVEL OF STUDIES	Undergraduate		
COURSE CODE	408KEY	SEMESTER	7
COURSE TITLE	Studio of Environmental Management		
INDEPENDENT TEACHING ACTIVITIES		WEEKLY TEACHING HOURS	CREDITS
Lectures		2	
Exercises		2	
Total credits			7
COURSE TYPE	Skills development		
PREREQUISITE COURSES:	Spatial Environmental Planning I, Management of Water Resources, Introduction in the Ecology, Introduction in Cartography and GIS		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS			
COURSE WEBSITE (URL)	http://www.env.aegean.gr/studies/undergraduate-degree/curriculum/environmental-management-studio/		

(2) LEARNING OUTCOMES

Learning outcomes
<p>At the end of the course a student should be able to answer the following questions in a documented way:</p> <ul style="list-style-type: none"> • what happens in the environment • why this happens (impact recording system) • what we do (what policies are already in place and what results they have) • what we can do about it in the future (processing and applying alternative scenarios using a simulation model) <p>Acquiring ability to combine knowledge gained from different scientific fields in the Department of the Environment to address multidisciplinary problems. Making judgments, conclusions and suggestions with clarity, clarity and documentation to specialized and non-specialized audiences Acquiring the necessary learning skills that allow them to continue their studies in a large autonomous or autonomous way</p>
General Competences
<i>Search for, analysis and synthesis of data and information, with the use of the necessary</i>

technology
Adapting to new situations
Decision-making
Team work
Working in an interdisciplinary environment
Production of new research ideas
Project planning and management
Respect for the natural environment
Production of free, creative and inductive thinking

(3) SYLLABUS

The course is structured in 13 lectures:

1. Introduction: Integrated environmental assessment and ICZM. Objectives and course structure
2. Simulation models as tools for integrated approach. The Compas Program and the Integrated Island Management Program
3. Assessing the environmental status of an area using variables and indicators
4. Assessing environmental pressures. Link causes of results. Variables and indicators
5. Ecological sensitivity to anthropogenic interventions (1)
6. Water management: demand, supply, results, impacts, policies (1)
7. Environmental policies and ICZM
8. Ecological sensitivity to anthropogenic interventions (2). Creating a chain between causes, results, problems, policies
9. Water management: demand, supply, results, impacts, policies (2). Creating a chain between causes, results, problems, policies
10. Recording and Evaluation of Environmental Policies
11. Design of environmental policies and evaluation of results and impacts
12. Drawing up and evaluating scenarios
13. Presentation of Work

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY	Face-to-face	
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY		
TEACHING METHODS	Activity	Semester workload
	Lectures	39
	Project	140
	Course total	179
STUDENT PERFORMANCE EVALUATION	Language of evaluation: Greek Report and public presentation	

(5) ATTACHED BIBLIOGRAPHY

- *Suggested bibliography:*

- Pinter L, Zachedi K., Cressman D., 2000, Capacity Building for Integrated Environmental Assessment and Reporting, IISD – UNEP
- Integrated Coastal Zone Management: <http://www.coastlearn.org/gr/index.htm>

- *Related academic journals:*