COURSE OUTLINE

1. GENERAL INFORMATION

FACULTY/SCHOOL	School of Plant Sciences		
DEPARTMENT	Department of Crop Science		
LEVEL OF STUDY	Postgraduate		
COURSE UNIT CODE	120116	**Semester:**	**W-2**
COURSE TITLE	Landscape Assessment		
INDEPENDENT TEACHING ACTIVITIES *in case credits are awarded for separate components/parts of the course, e.g. in lectures, laboratory exercises, etc. If credits are awarded for the entire course, give the weekly teaching hours and the total credits*		**WEEKLY TEACHNG HOURS**	**ECTS**
	Lectures	2	3
Add rows if necessary. The organization of teaching and the teaching methods used are described in detail under section 4			
COURSE TYPE *Background knowledge, Scientific expertise, General Knowledge, Skills Development*	Scientific expertise		
PREREQUISITE COURSES:			
LANGUAGE OF INSTRUCTION:	Greek		
THE COURSE IS OFFERED TO ERASMUS STUDENTS	No		
COURSE WEBSITE (URL)			

2. LEARNING OUTCOMES

Learning Outcomes

The course learning outcomes, specific knowledge, skills and competences of an appropriate (certain) level, which students will acquire upon successful completion of the course, are described in detail. It is necessary to consult:

APPENDIX A

- *Description of the level of learning outcomes for each level of study, in accordance with the European Higher Education Qualifications' Framework.*
- *Descriptive indicators for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and*

APPENDIX B

- *Guidelines for writing Learning Outcomes*

Students will acquire specialized knowledge in landscape analysis, as well as methodologies for landscape assessment and evaluation of natural or anthropogenic landscapes as well as the impacts of built infrastructures on the landscape. Upon completion of the course, students will be able to:

- identify the basic elements of landscape (e.g. vegetation, geomorphology, soil, settlement and archaeological sites, field patterns, views, etc.),
- understand the predominant characteristics that constitute landscape character,
- examine the pressures and threats resulting from anthropogenic interventions in the landscape,
- organize the elements of landscape analysis and produce maps that assess landscape character,

- become familiar with mapping software (ArcGIS),
- formulate evaluative judgments regarding the condition of landscape,
- reach conclusions concerning the management and design of a landscape at local, regional, and national scale.

General Competences	
Taking into consideration the general competences that students/graduates must acquire (as those are described in the Diploma Supplement and are mentioned below), at which of the following does the course attendance aim?	
Search for, analysis and synthesis of data and	*Project planning and management*
information by the use of appropriate	*Respect for diversity and multiculturalism*
technologies,	*Environmental awareness*
Adapting to new situations	*Social, professional and ethical responsibility and*
Decision-making	*sensitivity to gender issues*
Individual/Independent work	*Critical thinking*
Group/Team work	*Development of free, creative and inductive thinking*
Working in an international environment	*……*
Working in an interdisciplinary environment	*(Other…….citizenship, spiritual freedom, social*
Introduction of innovative research	*awareness, altruism etc.)*
	…….

Search for, analysis and synthesis of data and information by the use of appropriate technologies
Adapting to new situations
Decision-making
Individual/Independent work
Group/Team work
Working in an interdisciplinary environment
Introduction of innovative research
Project planning and management
Respect for diversity and multiculturalism
Environmental awareness
Critical thinking
Development of free, creative and inductive thinking

3. COURSE CONTENT

The design of urban, suburban, rural, or natural landscapes (both anthropogenic and non-anthropogenic) on a large scale is analyzed. The character of the broader landscape is explored and evaluated. The organization of various static and dynamic elements that constitute the landscape, their social, economic, and cultural composition, as well as their interrelationships, are studied on a large scale. The study focuses on the landscape and the organization and planning of individual elements so that decisions and actions taken do not have negative impacts on the landscape and the environment, green spaces and natural resources are protected, and sustainable development is promoted. Emphasis is placed on presenting and learning the methodology for assessing the character of the landscape. Specifically, a detailed examination is conducted on maps in specific case studies, and the basic stages of this analysis are outlined: a) Desk work, b) Fieldwork, c) Analysis of data and conclusion on types of landscapes, d) Conclusion on basic principles (guidelines) for the management and design of each type of landscape.
Readings of rural landscapes through agricultural science: the landscape as a means of interpreting agricultural activity and the role of agricultural activity in landscape production. Public interventions for the protection of landscapes: the example of the Common Agricultural Policy (CAP), the role of agri-environmental measures, and the upcoming reform of the CAP (2014-2020) in relation to the landscape.

4. TEACHING METHODS--ASSESSMENT

MODES OF DELIVERY *Face-to-face, in-class lecturing, distance teaching and distance learning etc.*	The teaching of the coursetakes place in-person, in a well-equipped classroom/studio, complete with the necessary audiovisual equipment for conducting lectures and presentations, as well as drafting tables and computers. These computers have suitable design software installed to assist in teaching the course. Additionally, teaching can also be conducted remotely through video conferencing.

USE OF INFORMATION AND COMMUNICATION TECHNOLOGY *Use of ICT in teaching, Laboratory Education, Communication with students*	Slide Presentations in PowerPoint format are used for teaching purposes. Video projection. Use of appropriate design software (Arc GIS, QGIS, etc.). Communication with students is facilitated through email. The learning process is supported through the digital platform Microsoft Teams. Access to online databases is provided for research purposes.
COURSE DESIGN *Description of teaching techniques, practices and methods:* *Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, Internship, Art Workshop, Interactive teaching, Educational visits, projects, Essay writing, Artistic creativity, etc.* *The study hours for each learning activity as well as the hours of self-directed study are given following the principles of the ECTS.*	

Activity/ Method	Semester workload
5 Lectures	10 hours
Fieldwork	10 hours
Individual work completed at home - individual design	20 hours
Design tutorials	16 hours
Individual study	19 hours
Total of Course (25 hours of workload per ECTS)	***75 hours***

STUDENT PERFORMANCE EVALUATION/ASSESSMENT METHODS *Detailed description of the evaluation procedures:* *Language of evaluation, assessment methods, formative or summative (conclusive), multiple choice tests, short- answer questions, open-ended questions, problem solving, written work, essay/report, oral exam, presentation, laboratory work, other……etc.* *Specifically defined evaluation criteria are stated, as well as if and where they are accessible by the students.*	The evaluation language is Greek (and English if required). The assessment is done through design representation and the writing of a booklet presenting the results arising from the assessment of the character of the urban, peri-urban, rural, or natural landscape.

5. SUGGESTED BIBLIOGRAPHY:

- *Suggested Bibliography:*

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- Related scientific journals:

- Landscape Research
- Land
- Sustainabiltiy
- Land Use Policy

- Landscape and Urban Planning