COURSE OUTLINE

1. GENERAL INFORMATION

FACULTY/SCHOOL	School of Plant Sciences		
DEPARTMENT	Department of Crop Science		
LEVEL OF STUDY	Postgraduate		
COURSE UNIT CODE	120106	**Semester:**	**W-1**
COURSE TITLE	Landscape Digital Media		
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 and Design Tutorials	2	2
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*

The course provides specialized knowledge in the use of various software for digital visualization of design solutions, database creation, and spatial analysis that can be applied to the implementation of landscape architecture studies (design and non-design). The ultimate goal of the course "Landscape Digital Media" is to equip students with all the necessary specialized specific knowledge, skills and competences to successfully meet the requirements they will face in their careers concerning the implementation and visualization of appropriate, well-presented, and organized design proposals and spatial analysis.

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

- understand the use of specialized software for landscape architecture and comprehend their function and utility,

- calculate and depict dimensions of objects, infrastructures, and surfaces,
- create symbols and "databases",
- conduct spatial analyses,
- design scaled landscape architecture proposals,
- compose scaled plans and sections of design proposals,
- organize the compose various types of scaled designs suitable for presentation.

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

Learning to use software such as AutoCAD, GIS, and ArcInfo that are used in the presentation of Landscape Architecture studies. Emphasis on the main applications of software in design and Landscape Architecture. Presentation and practice of the main commands related to the scaled design of elevations, sections, and three-dimensional images. Familiarization with various methods of depicting and presenting drawings and images, as well as their composition and arrangement.

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 (such as AutoCAD, 3D Studio Max, Google SketchUp, Rhinoceros 3D, etc.). Use of suitable image editing and presentation creation software (such as Adobe Photoshop, CorelDRAW, 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.*	<table><tr><th>Activity/ Method</th><th>Semester workload</th></tr><tr><td>10 Lectures</td><td>20 hours</td></tr><tr><td>Design tutorials</td><td>6 hours</td></tr><tr><td>Individual design work</td><td>24 hours</td></tr><tr><td>Total of Course (25 hours of workload per ECTS)</td><td>50 hours</td></tr></table>
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 of learning is done through design exercises. The grade is derived from the completion of design exercises using the taught software within the classroom.

5. SUGGESTED BIBLIOGRAPHY:

- *Suggested Bibliography:*

William, G., Wyatt, Ed.D. 2023. Autodesk AutoCAD Certified User Study Guide AutoCAD 2024 Edition. SDC Publications. Mission, KS, USA.

Gorr, W.L., Kurland, K.S. 2023. GIS Tutorial for ArcGIS Pro 3.1. Esri Press, California, USA.

- *Related open-source software:*

- https://www.autodesk.com/support/account/education/onboarding/students-guide