

COURSE OUTLINE

1. GENERAL INFORMATION

FACULTY/SCHOOL	School of Plant Sciences		
DEPARTMENT	Department of Crop Science		
LEVEL OF STUDY	Postgraduate		
COURSE UNIT CODE	120115	Semester:	W-2
COURSE TITLE	Advanced Studio Landscape Architecture		
INDEPENDENT TEACHING ACTIVITIES <i>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</i>	WEEKLY TEACHING HOURS	ECTS	
Lectures and Design Tutorials	4	12	
<i>Add rows if necessary. The organization of teaching and the teaching methods used are described in detail under section 4</i>			
COURSE TYPE <i>Background knowledge, Scientific expertise, General Knowledge, Skills Development</i>	Scientific expertise		
PREREQUISITE COURSES:			
LANGUAGE OF INSTRUCTION:	Greek		
THE COURSE IS OFFERED TO ERASMUS STUDENTS	No		
COURSE WEBSITE (URL)			

2. LEARNING OUTCOMES

<p>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:</p> <p>APPENDIX A</p> <ul style="list-style-type: none"> • 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 <p>APPENDIX B</p> <ul style="list-style-type: none"> • Guidelines for writing Learning Outcomes <p>Upon completion of the course, the student will acquire specialized knowledge in the subject of Landscape Architecture design, at a professional level, involving landscape analysis and the development of plans encompassing general layout, construction details, and planting. The ultimate goal of the " Advanced Studio Landscape Architecture" course is to equip students with all the necessary specific knowledge, skills, and competences to successfully meet the demands they will face in their careers in landscape architecture.</p> <p>Upon completion of the course, the student will be able to:</p> <ul style="list-style-type: none"> • understand and comprehend contemporary trends in landscape architecture (sustainability, resilience, biodiversity, measures for mitigation and adaptation to climate change, etc.),
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- distinguish, assess, and classify the individual elements that constitute the existing state of the open space proposed for transformation,
- utilize the results of the landscape site analysis,
- organize synthesize, and design the proposed design proposal,
- prepare a landscape architecture proposal at a professional level,
- produce and present at a professional level the necessary types of plans (landscape site analysis, masterplan, details, 3d renderings, planting, and construction) according to specific principles of landscape architecture composition.

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?

<i>Search for, analysis and synthesis of data and information by the use of appropriate technologies,</i>	<i>Project planning and management</i>
<i>Adapting to new situations</i>	<i>Respect for diversity and multiculturalism</i>
<i>Decision-making</i>	<i>Environmental awareness</i>
<i>Individual/Independent work</i>	<i>Social, professional and ethical responsibility and sensitivity to gender issues</i>
<i>Group/Team work</i>	<i>Critical thinking</i>
<i>Working in an international environment</i>	<i>Development of free, creative and inductive thinking</i>
<i>Working in an interdisciplinary environment</i>	<i>.....</i>
<i>Introduction of innovative research</i>	<i>(Other.....citizenship, spiritual freedom, social awareness, altruism etc.)</i>
	<i>.....</i>

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

Completion of a comprehensive design study of large-scale outdoor public spaces in an urban landscape. Analysis of the fundamental categories and sections of outdoor spaces with examples from history and contemporary design approaches within the urban fabric. Evaluation and highlighting of the qualitative artificial and natural elements that constitute the structure and image of the urban outdoor landscape. Deepening into issues of exploration, evaluation, and shaping of sections of outdoor spaces in urban and suburban areas, such as road-square networks, urban and suburban green networks, coastlines, waterfront areas, and suburban regions. Emphasis is placed on holistic approaches to the analysis and design of the urban outdoor space network as a natural element in the city, as well as on the ecological, aesthetic, economic, and social aspects of design. Environmental and bioclimatic design is explored as a fundamental component of the synthetic process for the design and enhancement of outdoor spaces in the urban environment.

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.

<p>USE OF INFORMATION AND COMMUNICATION TECHNOLOGY <i>Use of ICT in teaching, Laboratory Education, Communication with students</i></p>	<p>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.</p>																			
<p>COURSE DESIGN <i>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.</i></p> <p><i>The study hours for each learning activity as well as the hours of self-directed study are given following the principles of the ECTS.</i></p>	<table border="1"> <thead> <tr> <th data-bbox="719 555 1074 600">Activity/ Method</th> <th data-bbox="1078 555 1433 600">Semester workload</th> </tr> </thead> <tbody> <tr> <td data-bbox="719 607 1074 651">1 Lecture</td> <td data-bbox="1078 607 1433 651">4 hours</td> </tr> <tr> <td data-bbox="719 658 1074 748">Site Analysis visit (4 hours)</td> <td data-bbox="1078 658 1433 748">4 hours</td> </tr> <tr> <td data-bbox="719 754 1074 844">Site analysis tutorial (4 hours)</td> <td data-bbox="1078 754 1433 844">4 hours</td> </tr> <tr> <td data-bbox="719 851 1074 940">Presentation of site analysis</td> <td data-bbox="1078 851 1433 940">4 hours</td> </tr> <tr> <td data-bbox="719 947 1074 1037">Design tutorials</td> <td data-bbox="1078 947 1433 1037">32 hours</td> </tr> <tr> <td data-bbox="719 1043 1074 1133">Case study research</td> <td data-bbox="1078 1043 1433 1133">12 hours</td> </tr> <tr> <td data-bbox="719 1140 1074 1229">Individual design work</td> <td data-bbox="1078 1140 1433 1229">240 hours</td> </tr> <tr> <td data-bbox="719 1236 1074 1361">Total of Course (25 hours of workload per ECTS)</td> <td data-bbox="1078 1236 1433 1361">300 hours</td> </tr> </tbody> </table>		Activity/ Method	Semester workload	1 Lecture	4 hours	Site Analysis visit (4 hours)	4 hours	Site analysis tutorial (4 hours)	4 hours	Presentation of site analysis	4 hours	Design tutorials	32 hours	Case study research	12 hours	Individual design work	240 hours	Total of Course (25 hours of workload per ECTS)	300 hours
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<p>STUDENT PERFORMANCE EVALUATION/ASSESSMENT METHODS <i>Detailed description of the evaluation procedures:</i></p> <p><i>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.</i></p> <p><i>Specifically defined evaluation criteria are stated, as well as if and where they are accessible by the students.</i></p>	<p>The evaluation language is Greek (and English if required). Learning assessment is done through design exercises (general layout design, construction details, planting designs). The grade is derived from the submission of designs related to home assignments, combined with significant completion within the classroom (studio) under the direct supervision and guidance of the instructors. Evaluation criteria include correctness, clarity, and aesthetic presentation of design proposals.</p>																			

5. SUGGESTED BIBLIOGRAPHY:

- Suggested Bibliography:

Fieldhouse, K., Woudstra, J. 2000. The regeneration of public parks. Taylor & Francis, London, UK.

McHarg, I.L. 1995. Design with Nature. Wiley, New York, USA.

Woolley, H. 2003. Urban Open Spaces. Taylor & Francis, London, UK.

Dee, C. 2001. Form and Fabric in Landscape Architecture: A Visual Introduction (1st ed.). Taylor & Francis, London, UK.

- *Related Scientific Journals:*

- Landscape (Landscape Institute, UK)
- Landscape Architecture Magazine (ASLA)
- Topos Magazine,
- Garten + Landschaft
- Journal of Landscape Architecture (JoLA)
- Landezine (Landscape Architecture Platform)
- Landscape Australia