

## COURSE OUTLINE

### 1. GENERAL INFORMATION

<b>FACULTY/SCHOOL</b>	School of Plant Sciences		
<b>DEPARTMENT</b>	Department of Crop Science		
<b>LEVEL OF STUDY</b>	Postgraduate		
<b>COURSE UNIT CODE</b>	120110	<b>Semester:</b>	S-1
<b>COURSE TITLE</b>	Planting Design		
<b>INDEPENDENT TEACHING ACTIVITIES</b> <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>	<b>WEEKLY TEACHING HOURS</b>	<b>ECTS</b>	
Lectures and Design Tutorials	3	6	
<i>Add rows if necessary. The organization of teaching and the teaching methods used are described in detail under section 4</i>			
<b>COURSE TYPE</b> <i>Background knowledge, Scientific expertise, General Knowledge, Skills Development</i>	Scientific expertise		
<b>PREREQUISITE COURSES:</b>			
<b>LANGUAGE OF INSTRUCTION:</b>	Greek		
<b>THE COURSE IS OFFERED TO ERASMUS STUDENTS</b>	No		
<b>COURSE WEBSITE (URL)</b>			

### 2. LEARNING OUTCOMES

<p><b>Learning Outcomes</b> 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><b>APPENDIX A</b></p> <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each level of study, in accordance with the European Higher Education Qualifications' Framework.</li> <li>• Descriptive indicators for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and</li> </ul> <p><b>APPENDIX B</b></p> <ul style="list-style-type: none"> <li>• Guidelines for writing Learning Outcomes</li> </ul> <p>The ultimate goal of the course " Planting Design" is to equip students with all the necessary knowledge, skills and competences to successfully meet the demands they will face in their careers in the field of Landscape Architecture. Upon completion of the course, students will:</p> <ul style="list-style-type: none"> <li>• acquire general and specific knowledge in the use of various plant species in landscape design,</li> <li>• be able to select and combine suitable plant species,</li> <li>• be able to categorize plant designs into thematic units,</li> <li>• organize plant designs based on the characteristics of each planting group,</li> </ul>
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- support the redevelopment of existing green spaces with appropriate plant material groups.

<b>General Competences</b>	
<i>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>	
<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

The functional and aesthetic uses of plants in landscape design are presented. The structural, environmental, and aesthetic use of plants are analyzed for defining and organizing open spaces, controlling or enhancing various environmental conditions (noise protection, soil erosion, modification of climate and air quality), and aesthetic enhancement. Emphasis is placed on the proper selection of plant species, following design principles, based on the specific design needs of the landscape and the unique characteristics of plant species (shape, form, color, texture).

### 4. TEACHING METHODS--ASSESSMENT

<b>MODES OF DELIVERY</b> <i>Face-to-face, in-class lecturing, distance teaching and distance learning etc.</i>	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.
<b>USE OF INFORMATION AND COMMUNICATION TECHNOLOGY</b> <i>Use of ICT in teaching, Laboratory Education, Communication with students</i>	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 align="center"><b>COURSE DESIGN</b></p> <p><i>Description of teaching techniques, practices and methods:</i> Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, Internship, Art Workshop, Interactive teaching, Educational visits, projects, Essay writing, Artistic creativity, etc.</p> <p align="center"><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>	<b>Activity/ Method</b>	<b>Semester workload</b>
	4 Lectures	12 hours
	Completion of individual and group assignments at home	25hours
	Design tutorials	24 hours
	Educational visit	3 hours
	Individual design work	86 hours
	<b>Total of Course (25 hours of workload per ECTS)</b>	<b>150 hours</b>
<p align="center"><b>STUDENT PERFORMANCE EVALUATION/ASSESSMENT METHODS</b></p> <p><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 the creation of design proposals for various spaces (micro- and macro-landscape) using appropriate plant species. The grade is derived from the submission of designs related to individual work combined with significant progress within the classroom (studio), under the direct supervision and guidance of the instructors. The evaluation criteria concern the accuracy, clarity, and aesthetic presentation of the design proposals.</p>	

## 5. SUGGESTED BIBLIOGRAPHY:

*- Suggested Bibliography:*

Booth, N. (2011). Foundations of landscape architecture: integrating form and space using the language of site design. John Wiley & Sons.

Chen, G. (2011). Landscape architecture: planting design illustrated. ArchiteG, Inc..

Mooney, P. (2019). Planting Design: Connecting People and Place. Routledge.

Robinson, N. (2017). The planting design handbook. Routledge.

*- Related Scientific Journals:*

- Landscape Architecture Magazine
- Topos
- Landezine
- 'scape
- The American Society of Landscape Architects
- Journal of Landscape Architecture
- Landscape Research
- Landscape Journal
- Landscape and Urban Planning

- Land (MDPI)
- Sustainability (MDPI)