COURSE OUTLINE

1. GENERAL INFORMATION

FACULTY/SCHOOL	School of Plant Sciences		
DEPARTMENT	Department of Crop Science		
LEVEL OF STUDY	Postgraduate		
COURSE UNIT CODE	120104	**Semester:**	**W-1**
COURSE TITLE	Landscape Plants		
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 Practical Exercises	3	4
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 postgraduate students specialised knowledge in three main directions: a) the identification of plant species, b) the utilization of plants in various horticultural applications and landscape designs, based on their morphological/biometric characteristics and soil-climatic requirements, and c) the propagation and cultivation of plants at a commercial level. Upon successful completion of the course, the postgraduate student will be able to:

- recognize various categories of ornamental plants for outdoor use,
- understand methods of propagation and cultivation at a business level,
- select suitable species in landscape studies,
- distinguish specific morphological characteristics with ornamental value of plant species,

- classify plant species according to their requirements,
- combine ornamental plant species in planting plans,
- propose and supplement existing planting schemes with suitable species,
- organize and propose appropriate plant designs of landscapes based on plant morphological/biometric characteristics and their soil-climatic requirements.

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

Search for, analysis and synthesis of data and information by the use of appropriate technologies
Individual/Independent work
Group/Team work
Project planning and management
Environmental awareness
Decision-making
Development of free, creative and inductive thinking

3. COURSE CONTENT

Contribution and role of plants as functional and aesthetic elements in the composition and design of green spaces. Analysis of the distinctive morphological characteristics of the main ornamental plant species found in Greece (evergreen and deciduous trees and shrubs, annual and perennial herbaceous plants, geophytes, climbers, aquatic plants). Reference to their origin, shape, unique ornamental characteristics, growth zones, environmental, and cultivation needs. Special emphasis is given to the possibilities of their use, integration into the space and landscape design.

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. At the same time, a demonstration of ornamental plants is carried out in the Greenhouse, Botanical Garden-Nursery, and in the outdoor green spaces of the University.
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. 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
Lectures	33hours
Demonstration of ornamental plants	10 hours
Visits to botanical garden and nurseries	10 hours
independent study (Plant book)	47 hours
Total of Course (25 hours of workload per ECTS)	***100 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 assessment is conducted through examinations, the creation of a herbarium of ornamental species, freehand design representation of plants and the details of their morphological characteristics, as well as the development of a digital photographic archive from various applications of plant material in the landscape, presented to the audience.

5. SUGGESTED BIBLIOGRAPHY:

- Suggested Bibliography:

George, S. (2009). Ornamental Plants. New India Publishing.
Brickell, C. (2019). RHS encyclopedia of plants and flowers. Dorling Kindersley Ltd.

- Related Scientific Journals:

- Urban Forestry and Urban Greening
- Plants
- Horticulturae
- Scientia Horticulturae
- Frontiers in Plant Science