

COURSE OUTLINE

1. GENERAL INFORMATION

FACULTY/SCHOOL	School of Plant Science		
DEPARTMENT	Department of Crop Science/ Department of Natural Resources Management and Agricultural Engineering		
LEVEL OF STUDY	Undergraduate		
COURSE UNIT CODE	390	Semester:	8 th /6 th
COURSE TITLE	Ornamental Plants		
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 Laboratory Exercises	(3+2)	5	
<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		
LANGUAGE OF EXAMINATION/ASSESSMENT:			
THE COURSE IS OFFERED TO ERASMUS STUDENTS	Yes (in English)		
COURSE WEBSITE (URL)	http://efp.aua.gr/en/course/263		

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 successful completion of the course, the student will become familiar with ornamental plants for outdoor spaces and will acquire knowledge in three main directions: a) the identification of these plants, b) their utilization in various horticultural applications, landscape design, and renovation based on their morphological/biometric characteristics and their soil and climate requirements, and c) their reproduction and cultivation at a business level.</p>

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,
Adapting to new situations
Decision-making
Individual/Independent work
Group/Team work
Working in an international environment
Working in an interdisciplinary environment
Introduction of innovative research

Project planning and management
Respect for diversity and multiculturalism
Environmental awareness
Social, professional and ethical responsibility and sensitivity to gender issues
Critical thinking
Development of free, creative and inductive thinking
.....
(Other.....citizenship, spiritual freedom, social awareness, altruism etc.)
.....

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

3. COURSE CONTENT

The course involves the analytical presentation of numerous outdoor plants with the aim of providing students with knowledge in three main directions: (a) the identification of these plants, (b) their utilization in various horticultural applications, landscape design, and renovation based on their morphological/biometric characteristics and their soil and climate requirements, and (c) their reproduction and cultivation at a business level.

The presentation of the plants is done after categorizing them into groups (annuals, geophytes, climbers, shrubs, trees, and perennial herbs-aromatics). For each species, a description is provided regarding its morphological and biometric characteristics (shape and size of the plant and its parts, description of leaves, flowers, and fruits, flowering and fruiting season). The methods of propagation and cultivation principles, their soil and climate preferences and adaptations, as well as their uses in Landscape Architecture, are analyzed.

4. TEACHING METHODS--ASSESSMENT

MODES OF DELIVERY <i>Face-to-face, in-class lecturing, distance teaching and distance learning etc.</i>	Face-to-face teaching takes place in the amphitheater, in the greenhouse, botanical garden, and in the University's outdoor green spaces.										
USE OF INFORMATION AND COMMUNICATION TECHNOLOGY <i>Use of ICT in teaching, Laboratory Education, Communication with students</i>	Slide Presentations in PowerPoint format are used for teaching purposes. Communication with students is facilitated through email. The learning process is supported through the e-class asynchronous distance learning platform. Access to online databases is provided for research purposes.										
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</i>	<table border="1"> <thead> <tr> <th>Activity/ Method</th> <th>Semester workload</th> </tr> </thead> <tbody> <tr> <td>Lectures</td> <td>39</td> </tr> <tr> <td>Laboratory Exercises/Demonstration of Ornamental Plants</td> <td>26</td> </tr> <tr> <td>Individual /Group field exercise</td> <td>4</td> </tr> <tr> <td>Educational visit</td> <td>8</td> </tr> </tbody> </table>	Activity/ Method	Semester workload	Lectures	39	Laboratory Exercises/Demonstration of Ornamental Plants	26	Individual /Group field exercise	4	Educational visit	8
Activity/ Method	Semester workload										
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<i>creativity, etc.</i> <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>	Personal study	48
	Total of Course (25 hours of workload per ECTS)	125

<p style="text-align: center;">STUDENT PERFORMANCE EVALUATION/ASSESSMENT METHODS</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>I. The language of assessment is Greek (and English if required).</p> <p>II. The grade in theory is determined by 100% from the grade of the final written exam, which includes short-answer questions on the taught ornamental plants.</p> <p>III. The grade in the laboratory is either determined by three progress evaluations of plant species identification using plant samples and one written exam, or by a final exam of plant species identification using plant samples and a written exam.</p>
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5. SUGGESTED BIBLIOGRAPHY:

1. Γεωργακοπούλου-Βογιατζή Χρ., Καλλωπιστικά Φυτά Εξωτερικών Χώρων, Εκδόσεις Γαρταγάνης Άγρις-Σάββας, Θεσσαλονίκη, 2009
2. Καϊλίδης Δημήτριος, Καλλωπιστικά δένδρα και θάμνοι που φυτεύονται στην Ελλάδα, Εκδόσεις Αφοί Κυριακίδη ΑΕ, Θεσσαλονίκη, 2016

6. TEACHERS:

-Theory:

Prof. Maria Papafotiou
 Assoc. Prof. Angeliki Paraskevopoulou
 Asst. Prof. Konstantinos Bertsoouklis

-Laboratory:

Assoc. Prof. Angeliki Paraskevopoulou
 Asst. Prof. Aikaterini Gkoltsiou
 Asst. Prof. Konstantinos Bertsoouklis
 Nikolaos Ntoulas, Lab. Teaching Staff