

MODULE DESCRIPTION

General

School	Geotechnical Sciences
Department	Forest and Natural Environment Sciences

Module Information

Title	Urban Forestry
Course Code	H.Y.3
Level of Studies	Undergraduate
Teaching Period	Spring Term
Attendance Type	Compulsory
Prerequisites	-

Orientation	Weekly Hours		Year	Semester	ECTS
	Lectures	Laboratory work			
LANDSCAPE ARCHITECTURE AND RESTORATION	3	2	4	8	6

Faculty Instructor

IOANNIS TAKOS

Type of Module

- General Foundation
- Specific Foundation / Core
- Knowledge Deepening / Consolidation

Mode of Delivery

- Face to face
- Distance learning

Digital Module availability

- E-Study Guide
- Departments Website
- E-Learning

Language

	Teaching	Examination
Greek	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
English	<input type="checkbox"/>	<input type="checkbox"/>

Erasmus

- The course is offered to exchange programme students

Learning Outcomes

Upon completion of the course students will know: the historical development of urban greening, urban forests and urban forestry. The value of urban green in improving the urban environment. The problems faced by trees and shrubs in the urban environment and ways to deal with them. The appropriate species for the creation of urban forests and tree lines in the urban environment. The management measures required to maintain urban forests and trees in good condition.

List of General Competences

- Apply knowledge in practice
- Work autonomously
- Work in teams
- Work in an international context
- Work in an interdisciplinary team
- Respect natural environment
- Advance free, creative and causative thinking

Module Content (Syllabus)

- Historical evolution of urban forestry (trees in cities)
- Ecological and environmental problems of residential areas.
- Beneficial effects of urban green.
- Tree living conditions in the city.
- Damages caused by environmental factors.
- Criteria for the selection of trees.
- Measures to improve the growth conditions of trees in cities.
- Evaluation of different types of trees and shrubs.
- Management, handling and care of trees and tree lines

Educational Material Types

- Book
- Notes
- Slide presentations
- Video lectures
- Multimedia
- Interactive exercises

Other:

Use of Information and Communication Technologies

- Use of ICT in Course Teaching
- Use of ICT in Laboratory Teaching
- Use of ICT in Communication with Students
- Use of ICT in Student Assessment

Module Organization

Please fill in the workload of each course activity

Course Activity	Workload (hours)
Lectures	39
Laboratory work	26
Field Trip/Short Individual Assignments	35
Independent Study	50
Total	150

* 1 ECTS unit corresponds to 25 hours of workload

Student Assessment Methods

- Written Exam with Multiple Choice Questions
- Written Exam with Short Answer Questions
- Written Exam with Extended Answer Questions
- Written Assignment
- Report
- Oral Exams
- Laboratory Assignment

Suggested Bibliography (Eudoxus and additional bibliography)

1. Νταφης, Σ. (2001). Δασοκομία Πολεων. Εκδόσεις Art of Text
2. Konijnendijk, C. C., Nilsson, K., Randrup, T. B., Schipperijn, J. (2005). Urban Forests and Trees. Springer- Verlag.