

## MODULE DESCRIPTION

### General

School	Geotechnical Sciences
Department	Forest and Natural Environment Sciences

### Module Information

Title	Forest Botany (Conifers – Broadleaves)
Course Code	D.Y.3
Level of Studies	Undergraduate
Teaching Period	Spring Term
Attendance Type	Compulsory
Prerequisites	Plant Morphology And Physiology – Systematic Botany

Orientation	Weekly Hours		Year	Semester	ECTS
	Lectures	Laboratory work			
ECOLOGY AND BIODIVERSITY CONSERVATION	2	2	2	4	5

### Faculty Instructor

TSIFTISIS SPYRIDON

### 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 successful completion of the course, students will learn about the following:

- Vegetation of Greece.
- Morphological features and taxonomic identification of trees and shrubs in Greece.
- Ecological characteristics of trees and shrubs in Greece.
- Main Habitat Types and the tree and shrub species that can be found in these. Conservation status of the main Habitat Types occurring in Greece.

In the workshop, students will gain knowledge and will be able to identify the main woody species (shrubs - trees) found in Greece.

### 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)

Vegetation and vegetation zones in Greece. More important genera of forest species (woody or shrubby species) and species found in Greece (Gymnosperms - Angiosperms). Morphological features, ecological requirements, geographical distribution and conservation status of the main forest species of the Greek flora.

Keywords

Vegetation, classification-identification, nomenclature

### 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	26
Laboratory work	26
Field Trip/Short Individual Assignments	12
Field sampling / plant identification	18
Independent Study	40
Examination	3
<b>Total</b>	125

\* 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)

- Korakis, G. 2019. Forest Botany. Native Trees and Shrubs of Greece. Athanasios Altintzis Publishing. (In Greek)  
 -Scientific papers and books available through the library of the Department