

## MODULE DESCRIPTION

### General

School	Geosciences
Department	Forest and Natural Environment Sciences

### Module Information

Title	Forest Pathology
Course Code	E.Y.4
Level of Studies	Undergraduate
Teaching Period	5 <sup>th</sup> Semester
Attendance Type	Compulsory
Prerequisites	

Orientation	Weekly Hours		Year	Semester	ECTS
	Lectures	Laboratory work			
Management and Protection of Natural Resources and Climate Change	2	2	3	5	4

### Faculty Instructor

Yannis Raftoyannis

### 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 are expected to be able to learn about the main diseases of forest trees, the biotic and abiotic factors that cause them, to understand their biology and ecology, and to know the basic ways to manage them.

### 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)

Health of trees and ecosystems, symptoms and assessment of health status, pollution, climatic and soil factors, plant parasites, mammals, nematodes, fungi, bacteria, viruses, decays, diseases of crown, trunk and roots, prevention and treatment.

### 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	0
Field Trip/Short Individual Assignments	26
Independent Study	48
<b>Total</b>	100

\* 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. Καλιίδης Δ. 2011. Ασθένειες των δέντρων, δασών και πάρκων. Εκδόσεις Χριστοδουλίδη.
2. Τζάμος Ε. 2018. Φυτοπαθολογία. Unibooks.
3. Edmonds RL, Agee JK, Gara RI. 2000. Forest Health and Protection. McGraw-Hill Co.
4. Sinclair WA, Lyon HH. 2005. Diseases of trees and shrubs. Comstock Publishing Associates.