

MODULE DESCRIPTION

General

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|------------|---|
| School | Geosciences |
| Department | Forest and Natural Environment Sciences |

Module Information

| | |
|------------------|--------------------------|
| Title | Forest Entomology |
| Course Code | D.Y.4 |
| Level of Studies | Undergraduate |
| Teaching Period | 4 th 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 | 2 | 4 | 5 |

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 identify the most important forest insects and propose measures for their management in forest areas.

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)

Biology, classification, ecology and dynamics of forest insect populations, monitoring of forest insects, damage and management of forest insects, foliage feeding Insects, bark beetles, weevils, boring insects, sucking insects, gallmakers, insect parasites.

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 | 73 |
| Total | 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)

- Αβτζής Ν, Αβτζής Δ, Βιδάκης Κ. 2013. Δασικά Έντομα της Ελλάδας.
- Καιλίδης Δ. 2002. Δασική εντομολογία και ζωολογία. Εκδόσεις Χριστοδουλίδη
- Μαρκάλας Σ. 2010. Δασική Εντομολογία. Σ. Γιαχούδης.
- Τζανακάκης ΕΜ, Κωβαίος ΣΔ, 2018. Εντομολογία. University Studio Press.
- Ciesla W. 2011. Forest Entomology: A Global Perspective. Wiley-Blackwell
- Dajoz R. 2000. Insects and Forests: The Role and Diversity of Insects in the Forest Environment. Lavoisier.