**Studying course:** Forestry and Natural Resources Management  
**Subject:** Forest protection  
**Professor/professors:** Milanović D. Slobodan, Marković M. Čedomir, Dobrosavljević N. Jovan  
**Status of the subject:** Elective  
**ECTS number:** 5  
**Condition:** Not applicable  
**Goal of the subject:**

**Result of the subject:**
Ability of microscopical analysis; Ability of tree and forest health assessment; Identification of diseases and injuries of forest tree species; Identification of insects and injuries of forest tree species;

**Content of the subject**

**Theoretical part:** Introduction to Forest protection; Forest damaging agents. Snowthrows and Windtrows; Drought; Extreme events; Forest Fire-basics; Forest Fire-methods for risk assessment; Forest Fire-early detection; Forest Fire-suppression methods; Most important biotic damaging agents of broadleaved tree species; Most important biotic damaging agents of coniferous tree species; Oak decline; Beech decline; Spruce decline; Fir decline; Pine decline; Fir decline; Diseases and pests on willows, poplars, elms, hornbeams, maples, alders, cherries etc.; Invasive pests and diseases of woody species;

**Practical part:** Symptoms of forest damaging agents; Indirect and direct measures against forest fire. Types of leaf damage; Types of bark damage; Recognition of most important biotic damaging agents of broadleaved tree species; Recognition of most important biotic damaging agents of coniferous tree species; Methods for insect population density estimation;

**References:**

**Number of active teaching lessons:** 60 (15x(2+2))  
**Theoretical part of teaching:** 30  
**Practical part of teaching:** 30

**Methods of giving lectures:** Theoretical teaching, laboratory work, practical research under the supervision of teachers

**Knowledge evaluation (max 100 points)**

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<td>activity during lectures</td>
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