

Studying course: <i>Forestry and Natural Resources Management</i>			
Subject: <i>Forest protection</i>			
Professor/professors: <i>Milanović D. Slobodan, Marković M. Čedomir, Dobrosavljević N. Jovan</i>			
Status of the subject: <i>Elective</i>			
ECTS number: <i>5</i>			
Condition: <i>- Not applicable</i>			
Goal of the subject:			
Result of the subject: <i>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;</i>			
Content of the subject <u>Theoretical part:</u> <i>Introduction to Forest protection; Forest damaging agents. Snowthrows and Windthrows; 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;</i> <u>Practical part:</u> <i>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;</i>			
References: <i>Edmonds RE, Agee JK, Gara RI (2011) Forest Health and Protection. Waveland Press, Inc</i>			
Number of active teaching lessons: <i>60 (15x(2+2))</i>	Theoretical part of teaching: <i>30</i>	Practical part of teaching: <i>30</i>	
Methods of giving lectures: <i>Theoretical teaching, laboratory work, practical research under the supervision of teachers</i>			
Knowledge evaluation (max 100 points)			
Before exam obligations:	points	Final exam:	points
activity during lectures	<i>10</i>	written exam	<i>55</i>
practical teaching	<i>10</i>	oral exam	
colloquium(s)	<i>15</i>	
seminar(s)	<i>10</i>		