Studying course: Forestry and Natural Resources Management

Subject: Forest plantations

Professor/professors: <u>Jovana Devetaković</u>

Status of the subject: Elective

ECTS number: 5

Condition: -

Goal of the subject:

The graduate knows and understands:

- the methods and techniques of forest plantations establishing for different purposes (production of technical wood, short rotation coppice, phytoremediation plantations, agroforestry systems, seed orchards and plantations of non-wood forest products).
- the selection of species and clones and knowlegde about most common species for this purpose,
- the history and importance of forest plantations, with particular emphasis on role of planted forests in sustainable development from ecological and socio-economic aspects.

Result of the subject:

The graduate is able to prepare a plan of establishment of forest plantation according to the management goals, produce planting material and implement appropriate cultural practices.

Content of the subject

Theoretical part:

Importance of forestry plantations

Poplar plantations

Willow plantations

Short rotation coppice (SRC)

Walnut and hazelnut plantations

Black locust plantations

Plantations of non-wood products

Phytoremediation plantations

Agroforestry systems

Seed orchards

Practical part:

References:

Ivetić V. (2013): Praktikum iz Semenarstva, rasadničarstva i pošumljavanja. Šumarski fakultet, Beograd. 213 strana [on Serbian]

Stilinović S. (1991): Pošumljavanje. Naučna knjiga, Beograd. [on Serbian]

Number of active teaching lessons:	Theoretical part of teaching:	Practical part of teaching:/

Methods of giving lectures:

Lectures and seminars.

Knowledge evaluation (max 100 points)

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Before exam obligations:	points	Final exam:	points	
activity during lectures	10	written exam		
practical teaching		oral exam	60	
colloquium(s)				
seminar(s)	30			