

Specification of subjects in doctoral studies

Subject code: ДМ1.4111Б
Study program: Forestry – Submodule 1.4. Forest management planning
Type and level of studies: Doctoral studies
Subject name: Bioindication of forest vitality based on the characteristics of the increment of trees and stands- dendrochronology
Teacher (s): Branko S. Stajić, DSc
Associates:
Subject type: elective
ECTS: 8
Condition: That the student graduated from undergraduate and master's degree studies.
Subject aim: The main aim is to improve and innovate knowledge in the field of dendrochronology and bioindication of forest vitality based on the characteristics of tree increment and forest stands. The findings obtained from the monitoring of increment (according to the ICPC Level I and II criteria) and the corresponding analyses form the basis without which the optimal frameworks for the use and preservation of forest ecosystems cannot be determined.
Subject outcomes: Capability for research work and achievement of new scientific knowledge and its application in the field of early detection of forest devitalization, the direction of trends in future development, forecasts of possible revitalization, quantitative and qualitative estimation of damage and character and new action of exogenous and endogenous factors.