

Specification of subjects in undergraduate studies

Subject code: III1212
Study program: Forestry
Type and level of studies: undergraduate studies
Subject name: Field training in the subjects: Forest ecoclimatology, Dendrology, Geodesy and GIS and Petrography with geology
Teacher (s): Violeta P. Babić, PhD ; Rade I. Cvjetičanin, DSc; Milorad Ž. Janić, DSc; Zorica Tomić, DSc; Marko R. Perović, PhD, Bojan Gajić
Subject type: compulsory – year 1
ECTS: 3
Condition: no
Subject aim: The Forest ecoclimatology program is aimed at familiarizing students with the main meteorological station circle and all the accompanying instruments in it, with a special emphasis on the operation of the automatic meteorological stations as well as the release of a sounding balloon, within the Republic Hydrometeorological Institute of Serbia. Dendrology course aims to teach students to determine and differentiate between wood species in natural conditions, as well as their ecological and phenological characteristics. Petrography with Geology aims to familiarize students with: a) characteristic geological forms, rocks and minerals, b) the process of parent rock weathering, v) types of materials resulting from the decomposition of the parent rock, g) formed erosion and accumulation morphological forms. Teaching from the subject GEODESY and GIS aims to provide the students with the necessary knowledge of the techniques and methods of collecting geospatial data, their processing, analysis, then mapping and correct use of analog and digital cartographic bases, which will enable them to successfully manage natural resources and space, as well as all types of planning, design and monitoring. The content of the course is adapted to the professional profile of engineers, the level of knowledge acquired during the course of study and the significance of a particular matter for successfully solving of problems and tasks.
Subject outcomes: The knowledge gained from field courses in these subjects has a practical importance and serves as a basis for a whole range of forestry disciplines.