

### Specification of subjects in undergraduate studies

<b>Subject code:</b> III4735
<b>Study program:</b> Forestry
<b>Type and level of studies:</b> undergraduate studies
<b>Subject name:</b> Forest growth and productivity
<b>Teacher (s):</b> Branko Stajić, DSc; Marko Kazimirović
<b>Subject type:</b> compulsory
<b>ECTS:</b> 7
<b>Condition:</b>
<b>Subject aim:</b> Mastering theoretical and practical knowledge on the laws governing the development, growth and increment of trees and forest stands and the possibilities of using increment for improving the vitality and production of the dendromass of forest trees and stands. By studying the productivity of naturally and artificially established stands and the action of stimulating and disturbing factors, students acquire the knowledge they need to learn other disciplines and professional work in practice.
<b>Subject outcomes:</b> Ability to work in practice in the field of dendromass production, estimation of increment and bioindication of vitality of trees and stands, for the preparation of bases for different management plans and application of designed models of the optimal state of stands and management plans related to the field of increment and forest production.