



ШУМАРСКИ ФАКУЛТЕТ

Faculty of Forestry

Forestry

at Faculty of Forestry, 1 Kneza Višeslava, 11000 Belgrade, www.sfb.rs

ECTS: 60/ LANGUAGE OF INSTRUCTION: SERBIAN/ DEGREE: MASTER

Study program content

The purpose of the study program of master academic studies of forestry - in the field of forestry is to enable the students to perform all major operations in the forestry sector in the field of business and services and to contribute to the improvement of the current state of forests with their professional work and actions.

The purpose of the study program of master academic studies of forestry - in the field of wood processing is that students amend their knowledge from bachelor studies with specific integrated knowledge and skills and acquire the ability and skills to independently perform tasks and solve complex problems in the field of wood processing in the following segments: wood processing technologies, modeling of wood products, timber trade and wood processing economics and Organization, management and design of wood processing enterprises. Also, the purpose of this study program is to give students the opportunity to continue their studies in this field.

The purpose of the study program of master academic studies of forestry- in the field of ecological engineering in the protection of soil and water resources is to enable graduates to independently perform engineering and construction tasks and duties in the area of soil and water resources protection from various forms of degradation, primarily for protection against water and wind erosion and torrential floods. Also, students will be trained to perform tasks and duties for the reclamation of degraded areas and land conservation and the development of ecological models, studies and programs. The purpose of the study program of master academic studies of forestry- in the field of landscape architecture and horticulture is educating students for work as responsible managers on operations of planning, urban planning, design, construction works, nature conservation, urban greenery management, protection of ornamental plants, ornamental plants, and for other tasks that may arise from the acquired knowledge and skills.

Study program goals

The aim of the study program of master academic studies of forestry, wood processing, landscape architecture and horticulture and ecological engineering in the protection of soil and water resources is that students, through theoretical and practical training, acquire the knowledge ability and skills to be fully trained for the jobs of a master engineer in forestry. The main purpose of this study program is to enable the students to perform all major operations in the forestry sector in the field of business and services and contribute to the improvement and advancement of the current state of forests with their professional work and actions. Master engineers of forestry will be able to manage and use forests and forest land in such a way to preserve biodiversity, but also to keep productivity, regeneration, vitality and potential of forests at the level that will meet the environmental, social and economic needs of present and future generations at both the local and national levels.

Study program outcomes

Through theoretical and practical classes candidates acquire the knowledge, ability and skill, which enables them individual and team work in the following jobs in forestry: the establishment of forests and silviculture, improvement and amelioration of forest areas, activities of forest protection from harmful biotic and abiotic factors (fire, pollutants, diseases, pests and rodents); forest management activities (preparation of FMPs, plans and programs of overall management of the natural resources of forest ecosystems), organization of hunting grounds and production of hunting - economic plans, production of environmental studies, production of spatial plans, utilization of wood from natural forests, cultures and plantations, mastery of technique and technology of forest opening and forest roads design, utilization of other forest products, activities of skilled management and supervision in nature conservation and environmental protection, organization of production in forestry and marketing activities related to forest wood and minor forest products.

Modules

The study program of master academic studies of Forestry is organized within 4 fields:

Field of Forestry - modules:

1. Silviculture, plant production, protection and ecology;
2. Forestry economics and organization
3. Forest management planning
4. Forest and hunting resources utilization

Field of Wood Processing - modules:

5. Primary Wood Processing
6. Final Wood Processing
7. Chemical and Mechanical Wood Processing
8. Machines and Apparatus in Wood Processing
9. Preservation of wood
10. Wood Products Modeling
11. Timber trade and Wood Processing Economics
12. Organization, management and design of Wood Processing Enterprises

Field of Landscape Architecture and Horticulture – modules:

13. Landscape Architecture
14. Landscape Horticulture
15. Landscape Engineering

Field of Ecological Engineering in the Protection of Soil and Water Resources – modules:

16. Protection of Water Resources of Hilly-Mountainous Regions
17. Degradation and Protection of Soil Resources

Admission requirements

Study programs of master academic studies which have:

1. 1. At least 60 ECTS credits, can be enrolled by the candidates who have previously graduated from bachelor academic studies with a scope of at least 240 ECTS credits;

2. 2. At least 120 ECTS credits can be enrolled by the candidates who have previously graduated from bachelor academic studies with a scope of at least 180 ECTS credits;

Persons who acquired higher education according to the regulations which were valid before the enactment of the Law on Higher Education have the right to enroll in master academic studies:

- Persons with higher education who graduated from bachelor studies, which lasted for at least 8 semesters have the right to enroll in the master academic studies with a scope of at least 60 ECTS credits.
- Persons with higher education who graduated from bachelor studies, which lasted for less than 8 semesters have the right to enroll in the master academic studies with a scope of at least 120 ECTS credits.

Contact

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