



ШУМАРСКИ ФАКУЛТЕТ

Faculty of Forestry

Timber and Wood Products Trade

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

ECTS: 60/ LANGUAGE OF INSTRUCTION: SERBIAN OR ENGLISH/ DEGREE: SPECIALIST

Study program content

The purpose of the study program of specialist academic studies in timber and wood products trade is the education of graduate students in order to acquire knowledge and skills needed to independently perform tasks and solve problems in the area of timber and wood products trade, primarily in the monitoring of the current state of affairs in the domestic and international markets of wood products, establishing business contacts, negotiating and concluding contracts with domestic and foreign companies.

Current trends in the international market of wood products influence the prices of raw materials to a much greater extent than the prices of final products. That requires a much higher utilization efficiency of raw materials and reduction of costs in the sphere of wood products turnover, which imposes more complex tasks to the professional staff of the companies in wood processing and wood products trade. At the same time, the ever growing need for strategic planning in terms of competitiveness, promotion of wood products, the need for a strategy of innovation processes and activities of certification and standardization as an instrument of marketing in this area further reinforce the need for trained personnel - specialists in the field of timber and wood products trade .

Study program goals

The main aim of realizing the program of specialist studies is to qualify graduates by providing them professional knowledge, understanding and skills required to perform business activities in timber and wood products trade competently and professionally. Primary attention is devoted to the acquisition of integrated theoretical and practical knowledge which is a basis for the development of critical thinking in solving of the following problems:

- Analysis of the current situation in the domestic and international markets of timber and wood products in terms of: timber sales, wood trade flows and tariff and non-tariff barriers to wood products and prices;
- Establishment of the necessary documenta-

tion for the receipt and dispatch of goods, cargo insurance, transport, storage and forwarding of goods, customs clearance and charge of goods;

- Product certification, implementation of European (EN) and ISO standards for wood products;
- Establishing of business contacts, negotiating and concluding contracts with domestic and foreign companies;
- System of legislation in the field of turnover of goods in the country and abroad;
- Creation and implementation of the strategy of timber and wood products export.

Study program outcomes

Competent and professional performing of tasks and jobs in timber and wood products trade as follows:

- Jobs of commercial management of companies in wood processing and furniture production related to the creation and implementation of the strategy of export of timber and wood products and establishment of business contacts, negotiation and conclusion of contracts with domestic and foreign companies;
- Expert analysis of domestic and international markets of wood products in terms of: timber sales, timber trade flows, prices, tariff and non-tariff barriers to wood products, demand for certification and quality, implementation of European (EN) and ISO standards for wood products and other products;
- Jobs of a manager responsible for the affairs of foreign trade in timber and wood products such as: the receipt and dispatch of goods, cargo insurance, transport, storage and forwarding of goods, customs clearance, charge of goods, monitoring of the legislation in the field of turnover in the country and abroad.

Modules

International flows of timber and wood products trade, analysis of timber and wood products

market, certification of wood products, business communication and negotiation skills, techniques of closing foreign trade contracts in timber trade, international business finance, business ethics, export strategies and positioning on the market of timber and wood products, socially responsible business practice of companies in timber and wood products trade, international standards and commercial usances for timber and wood products.

Admission requirements

The right of entry have:

- Persons from the country and from abroad who have completed undergraduate studies and have earned at least 240 ECTS credits;
- Persons from the country and abroad who have completed bachelor studies in compliance with the rules applicable before the entry into force of the current Law on Higher Education of the Republic of Serbia;

- The same standards are applied for the candidates who have completed bachelor studies at another faculty as for students from this faculty, except that their average grade point is not scored from the group of subjects (criteria 2 from) and they are obliged to take differential examinations. Differential tests and criteria for evaluating the results for admission to specialist academic studies are determined at the level of the module.

Contact

Head of the study program:

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Forestry

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

ECTS: 180/ LANGUAGE OF INSTRUCTION: SERBIAN/ DEGREE: PHD

Study program content

The purpose of the study program of doctoral studies is the development of science, critical thinking and training of personnel trained to carry out independent, original and scientifically relevant research and development of new processes that contribute to the overall development of the forestry profession, scientifically based procedures that contribute to the protection and preservation of forests and sustainable forest management and therefore environment and society as a whole, and to critically evaluate the research of others related to the specific scientific field.

Researchers at doctoral studies are focused on modern methods and techniques in the study of forest ecosystems, plant materials and plant materials for special purposes, and will acquire the necessary knowledge in the integral protection of forest and urban areas, the role of sports and recreational surfaces, vegetation of landscapes and management of projects in these areas of research.

Based on the knowledge and skills in these fields candidates will master the process of working with plant material and its implementation, preservation and protection of floristic diversity, a strategy of protection of plant species as well as management and implementation of various projects related to forestry, wood processing, landscape architecture and horticulture and ecological engineering in the protection of soil and water resources.

Study program goals

The aims of the Ph.D. program include the ability to achieve scientific and academic skills, development of useful skills and mastery of specific practical skills needed for future career development within the forestry profession, and primarily universities and research institutes that work in this area, as well as other scientific institutions whose activities are compatible with the program of the completed doctoral studies.

The aims of the Ph.D. program are consistent with contemporary developments in specific

scientific disciplines in the world, starting from the strategic global objectives listed in the defined mid-term projects and research tasks of the future.

The main objective of the program is to prepare candidates for scientific research in the field of complex problems related to forest complexes, soil and water as basic natural resources since overall development of the society is dependent on them.

Study program outcomes

The program of doctoral studies in the field of biotechnical science (forestry) should after graduation enable the students to have the knowledge, skills, developed abilities and therefore have the competence to:

- Independently solve practical and theoretical problems in the field of biotechnical sciences (problems of forests and forestry and the manner of their solving, particularly at the national level) to organize and realize scientific and development research;
- To be able to engage in the realization of scientific projects related to the global concept of sustainable management and forest management;
- Be able to implement the development of new technologies and procedures within the forestry profession, and to understand and use the most advanced knowledge in specific scientific areas;
- Think critically, and work creatively and independently;
- Respect the principles of ethical codes of good scientific practice;
- Communicate at a professional level in the communication of scientific research results, and are able to announce the results at scientific conferences and have them published in scientific journals, through patents and other scientific achievements;
- Possess thorough knowledge and understanding of specific disciplines within the professions: forestry, wood processing, horticulture and protection of soil and water resources;
- Monitor and solve contemporary problems

- related to forestry, wood processing, landscape architecture and horticulture and ecological engineering in the protection of soil and water resources, using scientific methods and procedures;
- Connect various knowledge from different fields (applied biology, biotechnology and technology) and their application;
 - Follow the latest developments in the chosen scientific field;
 - Develop skills and expertise in the use of knowledge in the area of forests and forestry and environmental protection in general;
 - Use information and communication technologies (especially geoinformation).
- Persons who graduated from master academic studies with at least 300 ECTS credits and published scientific papers, as defined by a general act of the Faculty;
 - Persons with the academic title Master of Science, if their doctoral dissertation is not applied in accordance with article 128 of the Law on Higher Education;
 - Persons who graduated from bachelor academic studies in accordance with the regulations which were valid until the entry into force of the Law on Higher Education, with an average grade point of at least 8 (eight) if another procedure is not defined by the specific enrolment terms of a specific study program.

Modules

Study program of doctoral studies of Forestry is organized within four fields:

- Field: Forestry – elective groups:
 - Forest Protection
 - Forestry Economics and Organization
 - Forest management planning
 - Seed science, nursery production and afforestation
- Field: Wood Processing– elective groups:
 - Timber trade and wood processing economics
 - Furniture and Wood Products
 - Chemical and Mechanical Wood Processing
 - Machines and Apparatus in Wood Processing
- Field: Landscape Architecture and Horticulture
- Field: Ecological Engineering in the Protection of Soil and Water Resources

Admission requirements

Admission requirements:

Study programs of Doctoral Academic Studies can be enrolled by persons who:

- Graduated from master academic studies i.e. the integrated studies from article 80, with at least 300 ECTS credits and an average grade point of at least (8) in bachelor and master academic studies;

The student of postgraduate master studies enrolled in compliance with the regulations which were valid until the entry into force of the Law, can be transferred to the study program of doctoral studies in the course of their studies, within the program of the same or related fields, in compliance with the terms defined by the Scientific and Educational Council of the Faculty, i.e. the Council of Multidisciplinary Studies.

Doctoral studies can be enrolled by a person who has knowledge of a foreign language for the use of foreign literature.

Contact

Head of the study program:
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 for the field of Wood Processing - **Prof. Dr. Milan Jaić**
 for the field of Landscape Architecture and Horticulture - **Prof. Dr. Dragica Obratov-Petković**
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