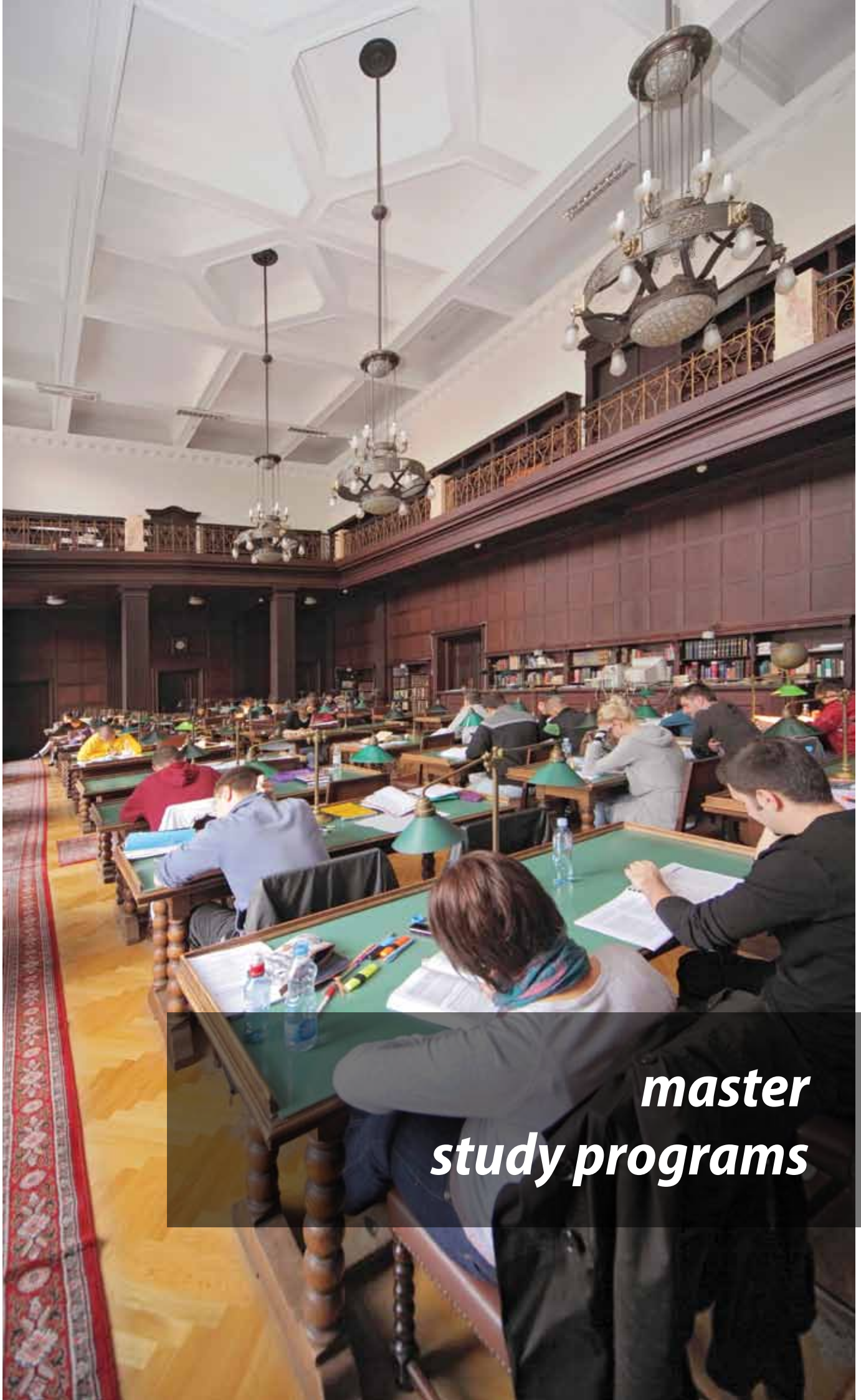


University of Belgrade

master study programs

Introduction

We have a great pleasure to introduce you to a compilation of all Master study programs which are available at the University of Belgrade.

Our University is the oldest University in Serbia, well-known for its tradition and quality of education, which lasts for more than 200 years. Maintaining the high level of education and practical experience provided to our students has always been, and will always remain, our top priority. The members of the University are not located on one campus, but scattered all over the city of Belgrade, the capital of the Republic of Serbia. This gives studying here a unique experience because students can be in touch with the life of the city itself, not only student life on campus. University of Belgrade represents a powerful group of 31 Faculties, 11 Institutes, 7 Centers and a University library, which all work together on achieving academic excellence.

This catalogue aims to provide information about study programs, such as their objectives, goals, outcomes, number of credits, as well as details regarding the admission requirements.

For more detailed description of a specific study program please use the provided contact information.

Attention: In this catalogue all study programs have been translated into English. However, this does not mean that the language of instruction is automatically English; for the majority of programs it is Serbian. Look carefully for the information about language of instruction for each and every study program.

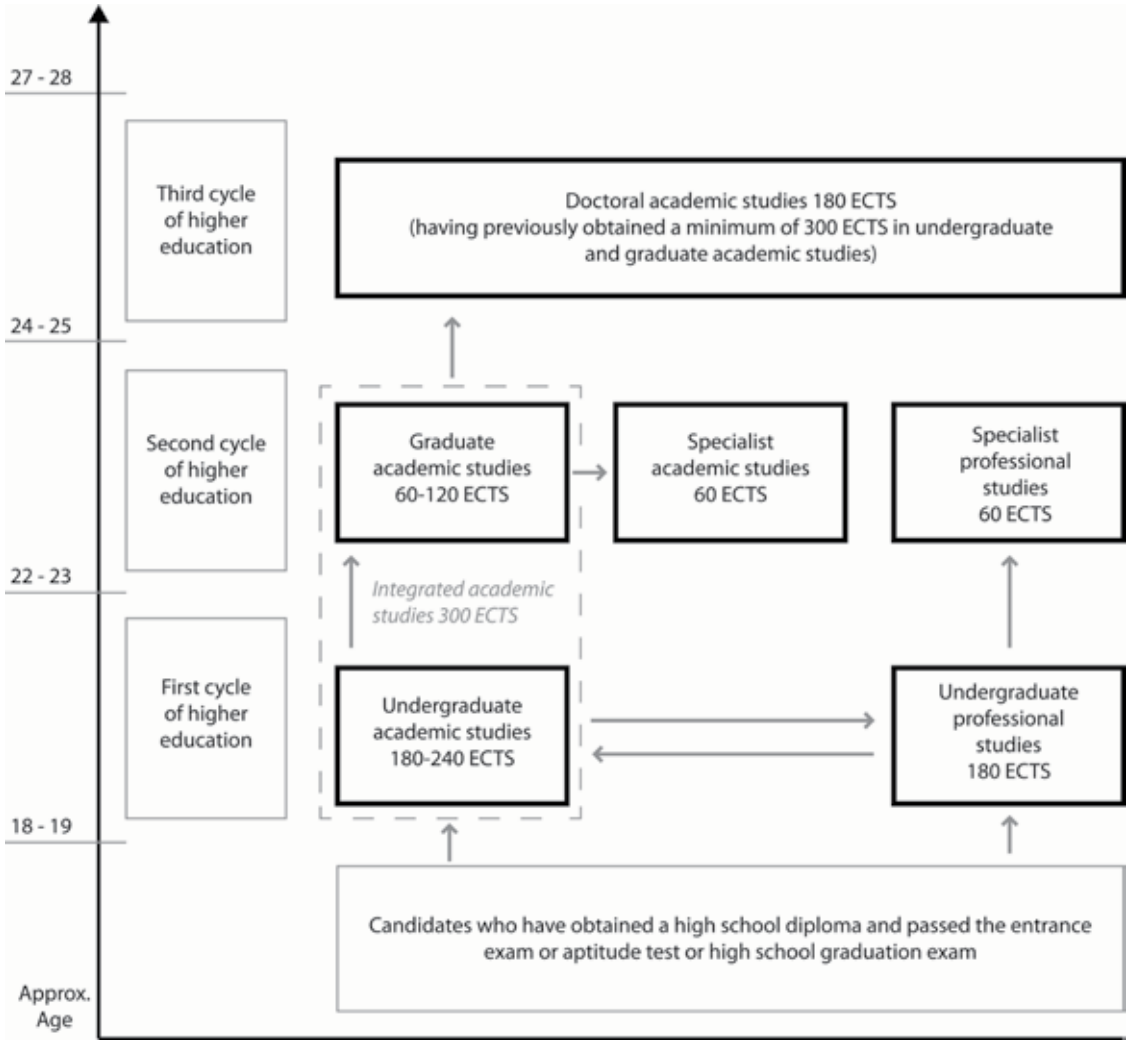
The System of Higher Education

Students' success in the exams is reflected by the following grades:

10 – remarkable;
9 – excellent;
8 – very good;
7 – good;
6 – satisfactory;
5 – failed.

There are six exam terms which are organized in accordance with the annual plan of exams of a higher education institution. Exam schedule is made in the beginning of an academic year and it is an integral part of the teaching plan.

Master academic studies are completed after passing all required exams and fulfilling other study obligations, writing the final paper and its public defending, pursuant to the study program.



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Banking and Financial Management

at Faculty of Economics, 6 Kamenička, 11000 Belgrade, www.ekof.bg.ac.rs

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

Study program content

Study program "Banking and Financial Management" is a program of graduate academic studies for education of professionals, graduate economists - master in banking and financial management. The program lasts one academic year and amount to 60 ECTS credits: 45 ECTS for the courses and 15 ECTS for the final master thesis. The study program includes a basic module which carries 35 ECTS and consists of compulsory courses, elective courses, which carry 10 ECTS of which students choose two subjects (10 ECTS) and the final paper which carries 15 ECTS. The program is intended for education and training professionals to work in the banking and financial sector in performing complex and managerial jobs. The program is fully formulated in accordance with the requirements and standards of accreditation, as well as modern trends of development of scientific disciplines of banking and finance, so that students can acquire the appropriate competencies and skills to work in the banking and financial sector. The study program is consistent with similar programs of study that exist at foreign universities.

Study program goals

Study program "Banking and Financial Management" has a clearly defined goal to provide our students with a set of content knowledge and skills necessary to develop a successful career in banking and finance. Starting from contemporary theory, the students are directed to obtaining the techniques and skills of modern financial sector. This includes training in the use of modern quantitative and qualitative methods, business strategies, techniques and procedures. The program aims to develop specific professional competencies and academic skills of their students in the banking and wider financial and monetary activities as well as the development of specific practical skills needed in professional activity a daily basis. Upon the completion of the course students acquire the skills and competencies to perform analytical, managerial, consultancy and research tasks, in business, investment and the central bank, government and regulatory authorities, organizations in the financial markets, financial departments of the corporate sector and scientific research organizations. The aim of the program involves lifelong education and training through specialized and innovative courses and seminars, and possible scientific and research work in various projects in these areas.

Study program outcomes

The students completing the program of study "Banking and Financial Management" acquire the professional title of Master of Science in Economics in the field of economy: banking and financial management. Upon successful completion of the study program "Banking and Financial Management" students acquire general and subject-specific skills that contribute to the quality performance of professional and scientific activities. Mastering the curriculum, students obtain knowledge in the basic principles of banking operations and the efficient formulation of the banking business and marketing strategies. From evaluating the effects of monetary policy on specific business policies of banks the program moves on to specific techniques for active management of asset and liability management in banks. Students develop skills in the area of investment analysis and decision-making and to build an efficient portfolio structure. The students meet with techniques to protect against risks that are present in modern business and the application of derivative instruments in the area, as possible instruments of protection. Students also become familiar with functioning of modern financial innovation.

Admission requirements

The graduates from undergraduate academic studies of minimum 240 ECTS can enroll the program. More detailed requirements (the entrance exam information) can be found on the Faculty's web page.

Contact

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Contact e-mail: pds@ekof.bg.ac.rs

Economic Analysis and Policy

at Faculty of Economics, 6 Kamenička, 11000 Belgrade, www.ekof.bg.ac.rs

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

Study program content

The study program of master studies "Economic Analysis and Policy" is the second cycle of higher education in the field of economics, specifically in economic analysis and policy. The program follows dynamic changes in the economic background, meeting the needs of economy and state institutions for new competence and knowledge, as well as for the skills required from a holder of MSc degree in economics. At the same time, the program follows all innovations in the field of education, such as the standards of the Bologna process and the directions of development of higher education in Serbia, aiming to provide quality, flexible and efficient study process.

This study program fully follows the needs of market economy for adequate specialists engaged in economic analytics, as well as in creating and leading of economic policy. The holders of the MSc degree in this field are qualified to involve in solving real economic problems which market economy imposes at enterprises, state institutions and agencies. They are also able to join scientific and research work at the higher education institutions and institutes.

This study program enables students for a wide range of various jobs, which gives them the balance between micro and macro approach. All the relevant issues in the everyday functioning of market economy are comprised in the program subjects: macroeconomic moves and appropriate measures of economic policy influencing them, specific features of managing the economic functions of a state, specific features of macroeconomies with the evolving markets, the economy of public sector - the budget and property of the public sector, the competition policy, institutions and their significance for market economies, market structures.

Study program goals

The aim of the study program "Economic Analysis and Policy" is adequate education of experts - holders of MSc degree in economics, who will have competencies of analytical character (macroeconomic and microeconomic aspects) needed for deciding on the microeconomic level, i.e. in enterprises, and on the macroeconomic level, i.e. about the objectives and instruments of economic policy. Also, the study program is aiming to provide significant academic knowledge in the field of economic theory (development, macroeconomic and microeconomic theory), economic policy, institutional economics, public sector economics, political economy of transition and globalization, required for further scientific work and continuing of the studies at doctoral studies in economics, business management, statistics.

Study program outcomes

The students completing the study program "Economic Analysis and Policy" acquire the professional title of MSc in economics for the area: economic analysis and policy. The student acquires knowledge of: microeconomics and macroeconomics, macroeconomics of economies with emerging markets, managing economic functions of the state, the economy of the public sector, competition policy, institutional economics, market structures, political economy of transition and globalization, as well as of the methodological content (methodology of scientific research and econometrics).

Admission requirements

The graduates from undergraduate academic studies of minimum 240 ECTS can enroll the program. More detailed requirements (the entrance exam information) can be found on the Faculty's web page.

Contact

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Economic Policy and Development

at Faculty of Economics, 6 Kamenička, 11000 Belgrade, www.ekof.bg.ac.rs

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

Study program content

The study program "Economic Policy and Development" is a program of master studies intended for the education of experts - holders of MSc degree in economics in the field of economic policy and development. It lasts for one year and has 60 ECTS, as follows: 45 ECTS in courses and 15 ECTS in the final master work. The basic module consists of five courses (25 ECTS), while the remaining 20 ECTS are related to the elective courses selected from two "baskets" of subjects.

The study program covers a wide range of knowledge in relation to economic development and economic policy in order to encourage development. The program educates and trains professionals to work in these areas in accordance with the requirements of modern economic and social development. Given the low level of economic development of our country and the need to ensure conditions for a dynamic and sustainable economic development, the experts of this profile are required to work in responsible positions in industry, government institutes, the public sector as a whole, in development financing and the conduct of effective monetary and fiscal policy.

Study program goals

The objective of the program is to qualify students for practical work in solving specific economic development and political problems, as well as for further academic research within the doctoral program. The program provides the skills necessary to perform very complex management and analytical activities in the field of economic growth and development. This includes scientific and professional communication both with the immediate and wider, mainly European, economic environment.

The course gives the graduates the possibility to expand the acquired knowledge (in the field of finance, economic analysis and policy, management, trade, international economics, marketing, tourism, statistics and computer science) by specific knowledge in the field of corporate financing, public sector and nonprofit organizations.

The study program Economic Policy and Development offers the necessary economic knowledge in the field of management of economic development at local, regional, national and international level. Also, it provides the knowledge of the fiscal and monetary management, management of social activities, and management of rural and urban economy, agribusiness and infrastructure.

Study program outcomes

The students completing the study program "Economic Policy and Development" acquire the professional title of MSc in economics for the area: Economic Policy and Development. The study program "Economic Policy and Development" offers students a number of general (instrumental, interpersonal and systemic) qualifications and professional (subject-specific) skills.

After mastering this curriculum students are able to perform: analysis, synthesis and forecasting the effects of economic and development policies; critical assessment of alternative development concepts and policies; application of theoretical knowledge to solve concrete development problems; use of complex quantitative methods and models in order to analyze and predict development process; management of complex projects in the field of economic development and economic policy; presentation of different concepts, policies and analytical techniques relevant to the management of economic development.

Admission requirements

The graduates from undergraduate academic studies of minimum 240 ECTS can enroll the program. More detailed requirements (the entrance exam information) can be found on the Faculty's web page.

Contact

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Quantitative Analysis

at Faculty of Economics, 6 Kamenička, 11000 Belgrade, www.ekof.bg.ac.rs

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

Study program content

Study program "Quantitative Analysis" is a graduate academic study program designed for educating graduated experts in economics – MSc in Quantitative Analysis. Graduates from this program gain knowledge related to quantitative economics, statistics and demography.

The program lasts for 1 year and amounts to 60 ECTS: 45 ECTS for the courses and 15 ECTS for the final Master thesis.

The program covers 6 modules in the scope of quantitative analysis: Actuary, Demography, Econometrics, Informatics, Operational Research and Statistics. Basic – general module contains 3 obligatory courses (15 ECTS), after which the student selects a module. All modules have appropriate curriculum structure providing adequate elective courses.

Study program goals

The program is designed to create and educate experts for performing complex analyses necessary for making conclusions based on contemporary scientific and theoretical knowledge in the scope of social sciences, on the grounds of relevant empirical data. Combining basic theory, modern methods of quantitative analysis and application of scientific research methods in practice, this program is aimed at providing adequate education for positions in economy, banking, state institutions, science institutes, statistical offices, insurance companies and all other positions which require argumentative conclusion making.

The objective of the program is to educate experts to make mathematical models, test theoretical prepositions, define optimal decisions or make forecasts based on quantitative, descriptive and other available information. Considering the specifics in the scope of development of research methodology and different areas of their application, different modules are designed: Actuary, Demography, Econometrics, Informatics, Operational Research and Statistics

Modules

Actuary, Demography, Econometrics, Informatics, Operational Research and Statistics

Study program outcomes

Upon completion of the study program "Quantitative Analysis", the students acquire the title of Master of Science in Economics, field: Quantitative Analysis

The competences gained from the program "Quantitative analysis" enable the graduates to perform the following tasks:

- A range of jobs in the scope of data analysis of all types
- Complex research tasks in development projects
- Business optimization and rationalization
- Economic results analysis in economy, banks and insurance
- Macroeconomic trends assessment
- Economic policy measures simulation
- Predicting and forecasting
- Managing analytical team work in economy and management
- Managing the methodology of collecting and processing data on population in statistical offices
- Managing data analysis about population in statistical offices, state government, local government etc.

Admission requirements

The graduates from undergraduate academic studies of minimum 240 ECTS can enroll the program. More detailed requirements (the entrance exam information) can be found on the Faculty's web page.

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Quantitative finance

at Faculty of Economics, 6 Kamenička, 11000 Belgrade, www.ekof.bg.ac.rs

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

Study program content

Study program "Quantitative Finance" is designed to educate the top experts in finance who can perform complex analyses needed to draw conclusions in the field of quantitative finance and risk assessment basing on modern scientific theoretical knowledge as well as on relevant empirical data.

The study program aims at transferring international standards for education in finance and economics, and, in particular, quantitative finance in Serbia and the region.

By learning from some of the major international economists and financial experts, along with classes in English, combining contemporary theory and practice, the students are trained to work in domestic and international financial institutions, companies, governmental and scientific institutions, as well as for further education at national and leading international programs of PhD studies in finance and economics.

Study program goals

The goal of the study program "Quantitative Finance" is education and training of experts – holders of MSc degree for specific finance jobs in: industry, banking, insurance companies; state institutions; research institutes; statistical institutions, and in all places where there is a need for the argument deduction in the field of finance and economics.

Study program outcomes

The graduate students from the study program "Quantitative Finance" acquire the professional title of MSc in Economics for the area quantitative finance. Study program "Quantitative Finance" provides superior knowledge and academic skills in financial modeling and analysis, with special emphasis on the skills needed for work in leading international and domestic financial institutions, as well as for continuing the studies at top PhD programs in finance and economics abroad and in Serbia.

The skills acquired are related to risk management and analysis, securities analysis and valuation of companies, the analyzes of the risk and value of the investing in real estate, valuation and management of securities with fixed and variable yield, management and valuation of financial derivatives, the application of econometrics of time series to the problems associated with measuring risk and many other skills.

The study program "Quantitative Finance" trains the experts - holders of MSc degree to perform the following functions: a portfolio manager and investment analyst; a manager of the risk in finance institutions (banks, insurance companies, pension funds, investment funds, brokerage houses); a monitor of financial institutions based on the measurement and control of risk; a performer of complex research in finance and economics; an analyst in the field of real estate investments; a quantitative analyst for the development of models of trade and evaluation of financial derivatives, securities and stocks.

Admission requirements

The graduates from undergraduate academic studies of minimum 240 ECTS can enroll the program. More detailed requirements (the entrance exam information) can be found on the Faculty's web page.

Contact

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Macroeconomics in Transition Economies

at Faculty of Economics, 6 Kamenička, 11000 Belgrade, www.ekof.bg.ac.rs

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

Study program content

Graduate academic studies in Macroeconomics of transition economies (Les politiques macroéconomiques dans les pays en transition) is the international master program, jointly organized and implemented by the Faculty of Economics in Belgrade and the Faculty of Law, Political Science, Economics and Management (Centre for the Study of macroeconomics and international finance - http://www.unice.fr/CEMAFI/) of the University in Nice (France). The program is the result of successfully completed TEMPUS project - Bilingual Master in macroeconomics with a double degree (CD-JEP-19040-2004), coordinated by the Faculty of Economics in Belgrade.

The program has been implemented since year 2006 and formulated in accordance with all the positive experiences of contemporary standards in teaching process, in accordance with the Bologna process. The program has been approved by the appropriate authorities of French higher education institutions - Faculty of Law, Political Science, Economics and Management (University in Nice, France), where the classes are completely adapted to the requirements of Bologna Process and of European Credit Transfer System as well as the appropriate authorities of the Republic of France. The program equips students with the academic knowledge and skills necessary to gain competences in the field of graduate master's macroeconomic policies of countries in transition, the functioning specifics of the economic system in transition economies, as well as the operations of the financial subjects in these specific conditions, and the integration of transition economies into the global economic flows. The educational process involves both institutions of higher education, and classes are conducted in two languages-Serbian and French. Upon successful completion of the program students receive two degrees: Graduate economist – master (Faculty of Economics in Belgrade) and Master économie – gestion (University of Nice, France). Graduated economist – master «Macroeconomics of transition economies» are fully trained to join the European labor market wich is enabled by the fact that the gained a French masters degree.

The program focuses on understanding of economic system, on understanding the role of institutions in the process of economic policy, on the interdependence of market structure and economic policy, on the role of international markets to national economic policy, development economic and political institutions and the specific conditions of transition.

Graduate economist – master are trained to work on tasks of economic analysts and consultants in the economy and financial institutions, but also on work related to formulation and conducting economic policy, both in government institutions (ministries and national agencies) and in economic institutions, they are also qualified to further scientific research on the doctor studies in economics, both at the Faculty of Economics in Belgrade and at Universities in Europe, given that this is research master (master récherche) in the French education system which provides an opportunity for further education in doctoral studies.

Program is designed to train students for a wide range of activities that provide knowledge in the field of macroeconomics, economics, labor and capital, economic policy and the transition process, institutional economics and globalization and the transition process, monetary and financial macroeconomics, public sector management, methodology of research and quantitative - econometric analysis.

For the purposes of teaching in this program special classrooms is equipped with an adequate number of computers and with video conferencing equipment able to establish a direct link with the University of Nice and other world universities.

Study program goals

The objective of the master program «Macroeconomics of transition economies» is to educate experts - Graduated economists – Master who will have the competences needed to work in managerial positions in companies, financial institutions and on the macroeconomic level (in government agencies, state ministries, agencies,

central bank, international organizations) - in deciding on the objectives and instruments of economic policy and its implementation (and on the local level). At the same time, the goal of the program is education of specialist who will possess significant academic knowledge in macroeconomics, economic policy, institutional economics, public sector economics, political economy of transition and globalization, required for further scientific research and further studies at doctoral studies in the field of economy, business management, statistics and demography.

Study program outcomes

Upon successful completion of the program students acquire the professional title Graduate economist – Master of Science: Macroeconomics.

The study program provides students with the knowledge related to the core discipline, intermediate topics and supplementary subjects.

The program provides the competences required of a modern professionals who make decisions at various levels in the conditions of market economy. Student acquires knowledge in the field of macroeconomics: analysis and policy, macroeconomics economy with emerging markets, management of economic policy in the period of transition, business cycles and political-economic aspects of economic policy, the functioning of labor and capital markets, institutional economics and the process of transition and globalization, monetary macroeconomics and finance, dynamic macroeconomic models, international finance, public sector management.

Admission requirements

The graduates from undergraduate academic studies of minimum 240 ECTS can enroll the program. More detailed requirements (the entrance exam information) can be found on the Faculty's web page.

Contact

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International Economics

at Faculty of Economics, 6 Kamenička, 11000 Belgrade, www.ekof.bg.ac.rs

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

Study program content

Study program "International Economics" is a graduate academic study program designed for educating graduated experts in economics – MSc in International Economics.

The program lasts for 1 year and amounts to 60 ECTS: 45 ECTS for the courses and 15 ECTS for the final Master thesis. The program comprises:

- Obligatory courses: basic module which brings 30 ECTS
- Electives: module which brings 15 ECTS
- Final paper which brings 15 ECTS

The program keeps pace with the development of economic science (in the field of international economics), and also follows the tendencies in the teaching process development in the field.

The program structure complies with the accreditation requirements, and it is also compatible with similar programs at foreign higher-education institutions. According to the program structure, students gain 45 ECTS for attending the courses, and 15 ECTS by writing and defending the final thesis.

The program also provides adequate elective courses, so that 30 ECTS are earned through obligatory courses and the other 30 ECTS are earned through the electives and the final thesis.

The study program covers the core discipline, intermediate topics and supplementary subjects.

Study program goals

The objective of the study program "International Economics" is educating high-rank professionals who would be able to deal with the challenges of current and future changes in the global economic environment.

By acquiring the theoretical and practical knowledge in micro and macro perspective provided by the program, the students assume a superior position in solving problems in the sphere of contemporary financial and actual settings in the international economics.

The study program "International Economics" is designed to profile and train students for performing complex tasks in the field of international economics: international finances, international banking and international trade. Contemporary conditions of globalization impose a demand for skilled profiled experts who can do relevant jobs in the field of international economics.

Study program outcomes

Upon completion of the study program "International Economics", the students acquire the title of Master of Science in Economics, field: International Economics.

The study program "International Economics" provides the students with the following knowledge:

- Knowledge of international economic and legal environment
- Knowledge of principles and functioning of international economic institutions
- Analyzing and making decisions in the field of economic policy
- Knowledge of principles and functioning of international financial markets
- Decision making in the field of international banking
- Analyzing and making financial business decisions
- Risk estimation in international business
- Creating foreign trade policy
- Knowledge of legal history of the European Union

The study program also provides adequate academic skills necessary for the graduated economists – Master degree holders in international economics:

- Operational and technical decision making in the field of international financial business
- Stock market business operations
- Foreign trade business
- International financial portfolio management
- Communication and negotiation skills in international economic relations
- International agreements analysis
- Computer skills
- Communicating in world languages

Admission requirements

The graduates from undergraduate academic studies of minimum 240 ECTS can enroll the program. More detailed requirements (the entrance exam information) can be found on the Faculty's web page.

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Business Economy and Management

at Faculty of Economics, 6 Kamenička, 11000 Belgrade, www.ekof.bg.ac.rs

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

Study program content

Since 2003 the Faculty of Economics, University of Belgrade has been organizing the partnership study program entitled "Business Economy and Management" in cooperation with the French management school HEC (Haute Ecole Commerciale) in Paris.

The program provides young people with education in business administration and management on the basis of modern approach, aiming to prepare them for international business environment.

Study program goals

The objective of the master course Business Economy and Management is to connect theoretical and practical issues of management, entrepreneurship and business system management.

The graduate students are capable of involving in the management of the sectors of business system economy, marketing, finance and accounting, organization and human resources, as well as in the other fields.

The aim of this program is education and qualifying of the staff able to apply modern management methods in various areas of business in enterprises and institutions.

Study program outcomes

Upon completion the studies at this study program the student gets a professional title of MSc of management in the area of business economy and management (given by the Faculty of Economics in Belgrade).

The knowledge in the following fields is acquired at the course:

1. Microeconomy and industrial organization;
2. Specific parts of financial and management accounting;
3. Specific parts of marketing, management and strategic management;
4. Corporative finance and risk management;
5. Organizational science and human resource management.

All subjects at the course are adjusted to practical application of theoretical knowledge and to the advancement of the related skills (planning of organization and allocation of human resources, preparation and implementation of strategic plans in management and marketing, preparation and implementation of financial plans and financial reporting for the management purposes, preparation and implementation of investment decisions, etc.)

Admission requirements

The graduates from undergraduate academic studies of minimum 240 ECTS can enroll the program. More detailed requirements (the entrance exam information) can be found on the Faculty's web page.

Contact

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Business Management

at Faculty of Economics, 6 Kamenička, 11000 Belgrade, www.ekof.bg.ac.rs

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

Study program content

Study program "Business Management" is a graduate academic study program designed for educating graduated experts in economics – MSc in Business Management.

The program lasts for 1 year and amounts to 60 ECTS: 45 ECTS for the courses and 15 ECTS for the final Master thesis.

The study program "Business Management" covers 7 elective modules: Strategic financial management, Human resources organization and management, Marketing management, International business of enterprises, Business communication and public relations, Trade – sales and supply chains management, Management in tourism.

The modules offered in the program enable students to gain and develop their knowledge in specific fields of modern business and business management.

The study program is fully designed in compliance with the accreditation requirements and standards, as well as with the contemporary trends in development of science disciplines of business management.

The program is compatible with the curricula in business management offered at foreign high-education institutions.

Study program goals

The objective of the focused graduate studies in contemporary business, management and marketing is to provide graduate students with research, academic and practical knowledge and skills.

This objective is accomplished with a combination of lectures, interactive, group, creative, seminar, academic and empirical work, teaching methods of professors and associates.

The emphasis is on educating students according to the schooling models applied at leading universities in Western Europe and US. The aim is to provide students with contemporary theoretical knowledge and practical skills and tools as a solid basis for becoming an efficient graduated manager or increasingly demanded business-oriented economist.

Modules

Strategic financial management, Human resources organization and management, Marketing management, International business of enterprises, Business communication and public relations, Trade – sales and supply chains management, Management in tourism

Study program outcomes

Upon completion of the study program "Business Management", the students acquire the title of Master of Science in Economics, field: Business Management

Regardless of the selected module, a graduate from the Master program in Business Management could easily adapt to different jobs in economy, in production and service companies; profit and non-profit organizations; national, international, multinational, transnational and global companies; research and consulting firms, as well as the agencies providing professional services, audit and consulting; ministries of economy and state government, chambers of commerce, business associations, science-research organizations and institutions.

All graduates from the graduate academic program "Business Management" would be able to apply contemporary business skills, such as: conceptual technical skills: using concepts, methods and tools of modern business, management and marketing; interpersonal and communication skills: team work, communication, conflict solving, motivation, negotiating, human relations development, results assessment, leadership; analytical skills and skills in articulating a problem and finding a solution, operational management, business policy making; working with complex business software, and presenting, negotiating and Internet searching skills.

The outcome competences of the graduate students of this program are directed toward more specific disciplines and knowledge offered on seven different modules, and they are supported by basic knowledge in business economics and management.

Admission requirements

The graduates from undergraduate academic studies of minimum 240 ECTS can enroll the program. More detailed requirements (the entrance exam information) can be found on the Faculty's web page.

Contact

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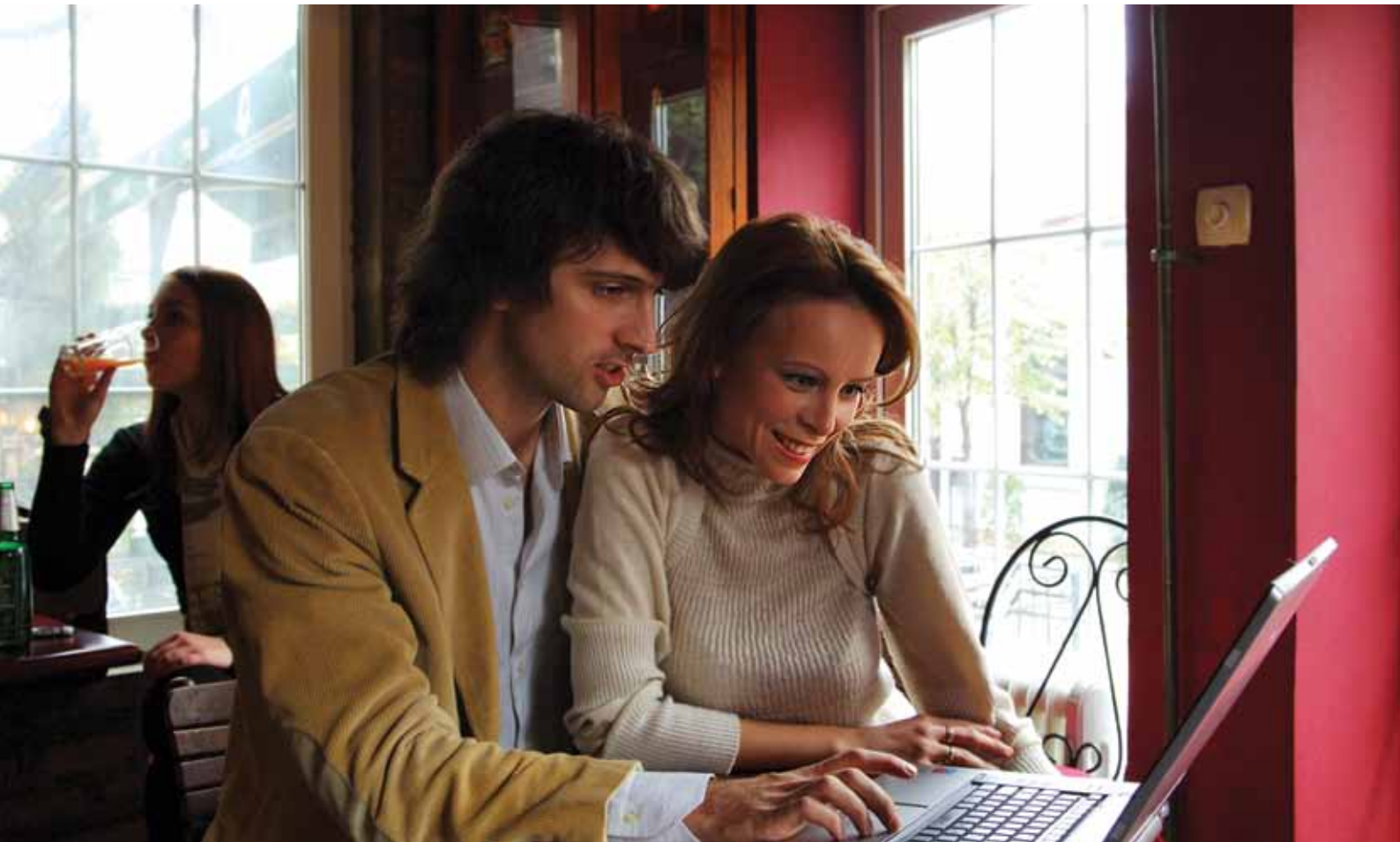

Accounting, Audit and Business Finance

at Faculty of Economics, 6 Kamenička, 11000 Belgrade, www.ekof.bg.ac.rs

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

Study program content

Study program "Accounting, Audit and Business Finance" is a academic graduate program focused on further education of experts (graduated economists – Master) in the field of accounting, audit and business finance. The program lasts for one academic year and amounts to 60 ECTS: 45 ECTS for the courses and 15 ECTS for the final Master thesis.

The program is designed in full compliance with the trends in development of these disciplines, and according to all the knowledge, skills and competences expected from a graduated economist – Master in the field of Accounting, Audit and Business Finance.

This study program represents a natural extension of the undergraduate program Accounting, Audit and Financial Management. It provides the students with much broader knowledge and skills and greater competences for performing more complex tasks in this scope of work. The program keeps pace with the changes in academic disciplines as well as with the increasing demand for solving more complex problems and making rewarding decisions.

Study program goals

Since it is the second level of academic study, the aim of the program is to provide students with a much higher level of knowledge in these scientific fields in order to have greater competence to perform complex tasks in the economy and non-economic activities. Students will gain a larger volume of knowledge in the following areas: evaluation of a company; company performance measuring; corporate management, accounting policies, policy of planning, presentation and distribution of net income, inflation accounting, strategic management accounting, organization of accounting systems, cost management system, audit reports in different industries. Acquisition of this kind of knowledge and its continual expansion and improvement the students will master all the following skills: design and expression of the financial position and results of external financial reports, using management-accounting techniques and instruments for the purposes of company performance management, changing the technique of internal control and internal and external audit; shaping the financial structure and corporate capital structure; financial and business restructuring of companies; organizing accounting information system and other.

Study program outcomes

Upon completion of the study program "Accounting, Audit and Business Finance", the students acquire the title of Master of Science in Economics, field: Accounting, Audit and Business Finance.

On this study program, students acquire the necessary knowledge for problem solving and decision making in accounting, auditing and corporate finance. After graduation, students, and graduate economists - MSc are competent to manage the companies as well as certain functions in-house. They can also manage the banks, other financial institutions and organizations in the public sector. Graduates are trained for a variety of other activities such as:

- Conducting internal and external audits in commercial and non-economic organizations;
- Perform consulting;
- Preparation and review of business plans
- Organization of accounting records in commercial and non-economic organizations;
- Cash Management flows and management services in crisis situations.

Admission requirements

The graduates from undergraduate academic studies of minimum 240 ECTS can enroll the program. More detailed requirements (the entrance exam information) can be found on the Faculty's web page.

Contact

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Faculty of Law

Law

at Faculty of Law, 67 Bulevar kralja Aleksandra, 11000 Belgrade, www.ius.bg.ac.rs

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

Study program content

The duration of the Master Academic Law Studies is one academic year, and the students who complete them obtain a total of 60 ECTS points and the academic rank Master Jurist. The Master studies program, provides additional and more in-depth knowledge and skills which represent a basis for independent, competent, conscientious integration into the legal profession with highly professional moral.

This program is conducted within the scope of two elective fields – modules, which are organized for multiple akin courses. The Business Law module provides knowledge and understanding of key institutes, principles and solutions of certain branches of law which are part of a broader family of Civil and Business Law, whilst within the Administrative Judicial Module incumbents study administrative procedures and offering of legal protection by the courts.

Studying of relevant legal phenomena is oriented interdisciplinary, so that the study program offers knowledge not only from a narrow legal perspective, but in fact from the sociological, economic and politicological disciplines as well, all the while whilst stressing the training of the pupils to apply the knowledge gained in this program in practice.

Each module encompasses six obligatory and two elective courses which the pupils select upon enrolment into the program, in which way they also establish their obligatory exams. Aside from the exams, engagement of the students includes active classes (lessons, drills, study groups, practicum, seminars, practical classes, mentor classes, consultations, presentations, projects and other), independent work, colloquiums and preparation of a final paper.

The work of the students on mastering each and every subject is tracked continually, throughout the course, for which reason the final grade is formed based on the student's success and achievements in areas and aspects of course obligations.

With passing the exams from three obligatory courses and one elective, which are held in the fall semester and by completing an internship in the economic sector, judiciary or administrative sector (Internship in Economic Sector I, or Internship in the Judiciary and Administration I) the student effectuates 27 ECTS points, whilst by passing the examinations from the obligatory courses and one elective course which are held in the spring semester and with the completion of an internship (Internship in the Economic Sector II, or Internship in the Judiciary and Administration II) the students obtain 18 ECTS points.

Once the student has completed all of the foreseen exams and fulfilled all of the program obligations, the student prepares a Final (Master) Paper, in that way achieving 15 ECTS points.

Study program goals

The fundamental characteristic of the Master Academic Law Study Program is its direct ties with current scientific knowledge and trends in the entire series of legal and akin scientific disciplines, as well as the skills and abilities which are founded on this knowledge.

This Study Program is, in that sense, primarily direct at enabling the students to broaden and provide them with more in-depth knowledge that has already been acquired in the undergraduate academic law studies, by developing critical though processes and the skills necessary to competently and morally integrate into the legal profession. Such a goal requires an interdisciplinary approach to studying the legal phenomena and mastering of methods of learning the law and methods necessary for applying the law in practice, in addition to the development of skills for the practical application of ethical standards relevant in the legal profession or in relation to it.

For achieving the competencies and skills which represent the aim of this study program we use the methods of social, and especially the methods of legal sciences, which intend to enable the complete and correct understanding of certain legal phenomena in the broader social, political, economical and historical context (legal-dog-

matic, legal-historical, comparative and other legal methods).

The most important aspects of the classes in this program are the lectures, drills, seminars and expert and study groups, in which special attention is given to the development of critical thought, which is necessary for the legal profession. The study program includes other forms of teaching in which an interactive method of education of students is provided, enabling the mastering of skills necessary for the competent integration into this profession in the future, including participation in various types of simulations in cases from practice, which are specially adapted to train the students, further to which there is also work with factual clients, legal clinics for family, criminal, refugee and obligation laws). In addition, the aim of the graduate academic law studies represents the development of linguistic, communicative and other competences required for further academic and professional activities of the students.

This study program, finally, affirms the tracking and application of novelties in the legal profession, in which way it particularly contributes to the enabling of students to use legal literature, professional communication and writing in a foreign language, as well as familiarization with the possibilities of using new technologies in law.

Modules

Business Law Module, Administrative Judicial Module

Admission requirements

Master academic law studies, can be enrolled into by individuals who have completed the undergraduate academic studies, with a scope of at least 240 ECTS points.

Contact

Head of the study program:
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European Integration

at Faculty of Law, 67 Bulevar kralja Aleksandra, 11000 Belgrade, www.ius.bg.ac.rs

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

Study program content

One mandatory course - Introduction into the Studies of the EU + one mandatory Practical Skills Module + 4 modules consisting of 12 optional courses.

The student shall opt for three courses from four modules and shall attend the Introduction into the Studies of the EU (altogether 4 courses or 300 group hours) as well as the Practical Skills Module (40 group hours).

Introduction into the Studies of the EU course and the Practical Skills Module shall be delivered in the first 9 weeks of the academic year. Every next six weeks, other three courses shall be delivered consecutively, "en block". There shall be four such "blocks" of courses.

Duration of the courses: Each course shall consist of 50 hours of lectures and of 25 hours of seminar classes – 75 hours altogether. Courses shall be delivered in 6 weeks and in the framework of the aforementioned four "blocks".

If there are no enough registered students for certain courses, the Management of the program shall have the right, upon the consultation with students, to make necessary changes in the course schedule in the given academic year.

Seminar classes: They shall offer an introduction into research methods and drafting, class discussions, debates, paper presentations, case studies etc.

Each student shall be obliged during the course of the year to draft one seminar paper for one of the opted courses and to present it in seminar class of that course, for which it shall be credited with 6 ECTS. The paper shall be based on research and shall demonstrate that the student is in command of scientific manner of drafting.

Study program goals

The aims of the program shall be to offer adequate knowledge and skills for the work on both legal and non-legal jobs related to the integration into the European Union, which require knowledge of the law, politics and economics of the European Union, and which can be performed in the state administration, business, media, educational, research and scientific institutions, and the civil sector.

Modules

The program shall consist of four modules, with 12 optional courses.

Student shall opt for three courses from the aforementioned list.

Students shall be obliged to take the Introduction into the Studies of the EU course.

The Practical Skills Module, consisting of three courses related to research methodology, English legal terminology, and Internet skills, is also mandatory.

1. Foundation and Purposes of the European Integration
2. Business Law and the EU Integration
3. Human Rights and Democracy in the EU
4. International Aspects of the EU Integration

Study program outcomes

The outcomes of this study program will be the in-depth knowledge of reasons for and processes of the integration into the European Union, of the law, policies and politics of the European Union and of the relations between the European Union and other international organizations and states, as well as to develop necessary abilities for understanding the integration processes, and interpreting, applying and further researching the European Union law.

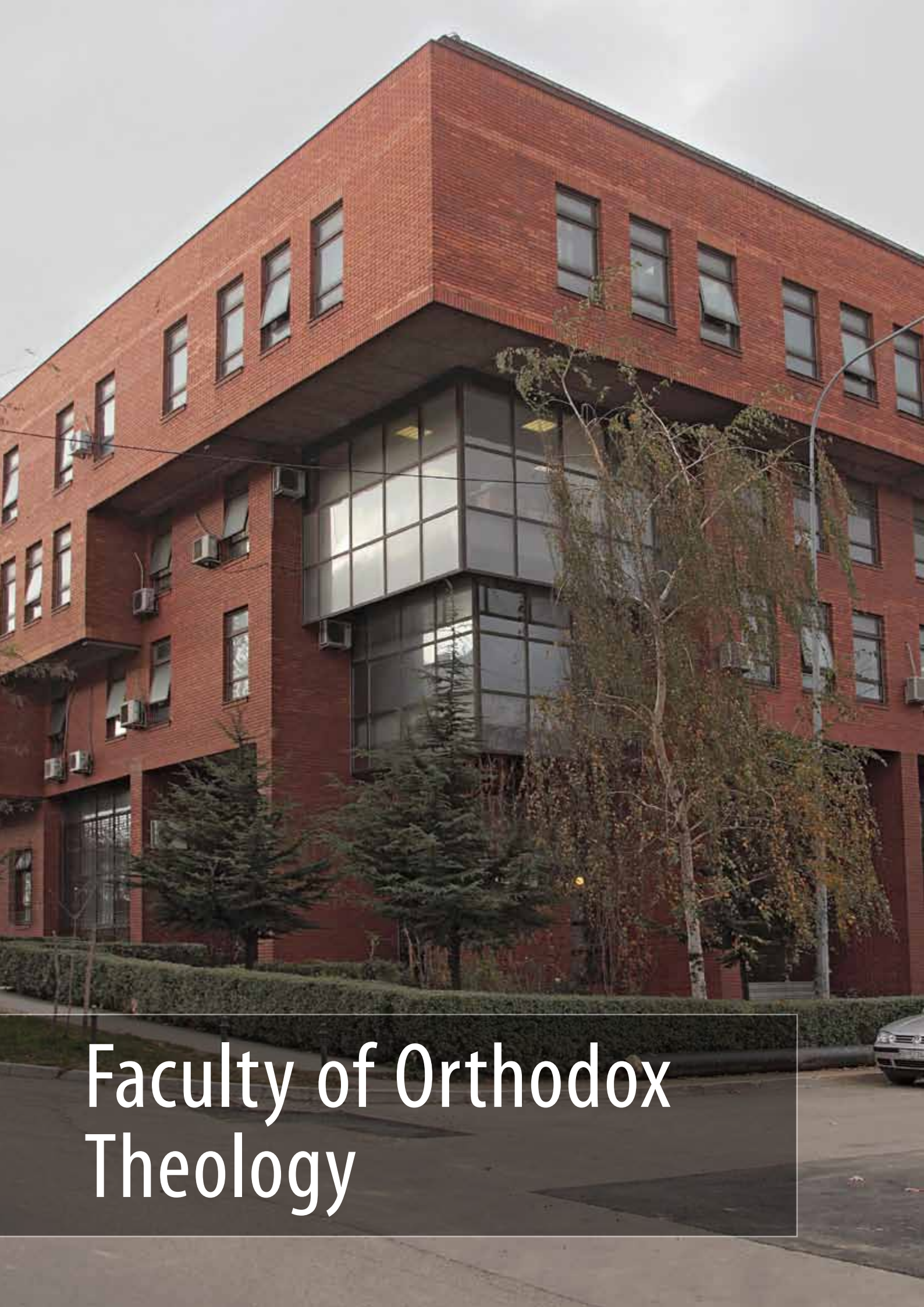
The end result of this program shall also be to expand the knowledge of practical skills which pertain to the English terminology, the ability to conduct scientific research and to communicate in academic circles, and the usage of internet sources within the scope of this field.

Admission requirements

A student must have a Bachelor Degree from the law faculty or social sciences – humanities faculty, with at least 240 ECTS. Students who graduated from social sciences – humanities faculty, shall be obliged to pass certain additional qualifying exams related to the basic legal knowledge: Introduction into Jurisprudence, Constitutional Law, Introduction into Civil Law and International Public Law.

Contact

Head of the study program:
Prof. Dr. Dragica Vujadinović
Contact e-mail: dragicav@ius.bg.ac.rs



Faculty of Orthodox Theology

General Theology

at Faculty of Orthodox Theology, 11b Mije Kovačevića, 11060 Belgrade; www.bfspc.bg.ac.rs

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

Study program content

General Program of the Master academic studies (Master Academic Studies of General Theology) represent deepened studies, which are a follow up to the basic academic studies of the same program. They last one year with 600 lectures of active teaching and consist of two study semesters.

Study program goals

Their basic goal is to offer a synthetic and a specialized education in Theology through contact and complementary disciplines according to higher and more fundamental requirements regarding knowledge of Theology, contact and complementary disciplines.

These studies should enable the students to establish not only a competent orientation regarding global and partial theological issues and problems, and develop the ability of independent theoretical and critical thought, but also to assume deeper synthetic insights into the totality of Theology, into particular disciplinary areas of Theology, their permeation with other areas of science, as well as insights into particular theological and interdisciplinary problems.

Study program outcomes

Upon completion of these studies students acquire both general and particular abilities, i.e. they acquire the ability to respond successfully to more profound requirements regarding operation with the material of Theology and complementary disciplines; they are at ease with the key premises of all relevant theological disciplines; they are able to perform an independent analysis, a synthesis, to predict consequences and to look into solutions regarding relevant theological issues; they are at ease with methods, procedures and processes in regard to scientific research; they are able to exercise critical and self-critical approaches, opinions, and more profound synthetic insights into the totality of Theology and its interaction with other disciplines; they are able to apply in practice their acquired knowledge; they possess communicational abilities and competences; they are able to cooperate both with the local and the international social surroundings; they possess a highly developed professional ethics; they are at ease with informational-communicational technologies; they possess a higher degree of competence regarding engagement in the areas of education, priestly work, culture, mass media, and administration.

Graduated theologians are enabled to teach religious studies in secondary schools, to teach theological subjects in seminaries, to act as collaborators within the teaching process at the university level studies of Theology and/or as junior scientific researchers in scientific institutes, to carry out organizational and creative work within Church organizations and structures, institutions of culture and mass media.

Admission requirements

Program is open to candidates who have completed basic studies of Theology belonging to the same program which last four years. Admission is limited by the enrollment quota.

* Candidates must have a written blessing from their bishop.

Contact

Head of the study program:
Prof. Dr. Radovan Bigović
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Contact e-mail: rbigovic@gmail.com

Practical Theology

at Faculty of Orthodox Theology, 11b Mije Kovačevića, 11060 Belgrade; www.bfspc.bg.ac.rs

ECTS: 120/ LANGUAGE OF INSTRUCTION: SERBIAN/ DEGREE: MASTER

Study program content

Practical program of the Master Academic Studies (Academic Studies of Practical Theology) represents deepened studies, which are a follow up to the basic academic studies of the same program. They last two years and consist of four study semesters.

Study program goals

Their basic goal is to offer a synthetic and a specialized education in Theology through contact and complementary disciplines according to higher and more fundamental requirements regarding knowledge of Theology, contact and complementary disciplines.

These studies should enable the students to establish not only competent orientation regarding global and particular theological issues and problems (and to develop the ability for independent theoretical and critical thinking), but also to assume deeper synthetic insights into the totality of Theology, into particular disciplinary areas of Theology, their permeation with other domains of science, as well as insights into particular theological and interdisciplinary problems.

Study program outcomes

Upon completion of these studies students acquire both general and particular abilities, i.e. they acquire the ability to respond successfully to more profound requirements regarding operation with the material of Theology and complementary disciplines; they are at ease with the key premises of all relevant theological disciplines; they are able to perform an independent analysis, a synthesis, to predict consequences and to look into solutions regarding relevant theological issues; they are at ease with methods, procedures and processes in regard to scientific research; they are able to exercise critical and self-critical approaches, opinions, and more profound synthetic insights into the totality of Theology and its interaction with other disciplines; they are able to apply in practice their acquired knowledge; they possess communicational abilities and competences; they are able to cooperate both with the local and the international social surroundings; they possess a highly developed professional ethics; they are at ease with informational-communicational technologies; they possess a higher degree of competence regarding engagement in the areas of education, priestly work, culture, mass media, and administration.

Graduated theologians are enabled to teach religious studies in secondary schools, to teach theological subjects in seminaries, to act as collaborators within the teaching process at the university level studies of Theology and/or as junior scientific researchers in scientific institutes, to carry out organizational and creative work within Church organizations and structures, institutions of culture and mass media.

Admission requirements

Practical program for the Master academic studies of Theology (Academic studies of Practical Theology) is open to candidates who have completed basic studies of Theology belonging to the same program which last three years. Admission is limited by the enrollment quota.

* Candidates must have a written blessing from their bishop.

Contact

Head of the study program:
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Teacher Training Faculty

Preschool Teacher Education

at Teacher Training Faculty, 43 Kraljice Natalije, 11000 Belgrade, www.uf.bg.ac.rs

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

Study program content

The study program consists of four compulsory courses (Modern trends in preschool didactics, Curriculum development and evaluation, Academic Writing, Foreign Language), elective subject and seminar paper in the field of master thesis. The anticipated subjects include theoretical-methodological, scientific and professionally-applicative subjects.

The study program follows the trends in the professional and methodological domain, which provides for the integration of teaching and problem-based, correlative-integrative systems and enables discovery learning. This study program includes the current world trends in science and teaching methodology. Knowledge and skills acquisition is achieved by means of an interdisciplinary approach to these areas. Lessons are held in the form of lectures (monological, dialogical, interactive, text-method), practice exercises (monological, dialogical, interactive, text-method) and consultation.

Study program goals

The objectives of the study program are focused on modern scientific achievements, methodological theories and new methodological approaches. Special emphasis is placed on mastering the skills necessary for scientific research. The program provides for the study of contemporary trends in didactics and teaching methodology. Students will also gain wider mainstream education, particularly in the domain of development of preschool child's personality, in order to be able to follow European trends. In addition, the aim of the study is to train students for independent work, including raising awareness about modern methodological and scientific approaches (speech development, development of basic mathematical concepts, basic environmental education, art, music area and physical education). Special emphasis is placed on competences in the practical application of knowledge in educational, cultural and scientific institutions. This includes a didactic and methodological foundation, based on the latest scientific knowledge.

Through lectures, consultations and practice exercises planned in the study program, by means of active and interactive methods widely used in teaching, graduate students will be trained to apply the acquired knowledge in practical work, and to develop cooperation and critical thinking.

Study program outcomes

Graduates:

- Acquire knowledge of cognitive, conative, intellectual and emotional development of a preschool child;
- Acquire knowledge of modern teaching methods (heuristic, problem-based teaching, discovery learning);
- Acquire knowledge of modern models of creative teaching: problem/discovery-based research models, reception-aesthetic models, algorithmic-mathematical models, exemplary-paradigmatic models, multimedia-multi source models, computer-simulation models, literary and artistic models, structural-graphical models, mutual interdependence of creative models (models are applied depending on the methodological field);
- Are able to apply new theoretical and methodological knowledge in the teaching practice;
- Are ready for Independent research work, writing professional and scientific papers in the field of methodology.

Admission requirements

Masters degree may be enrolled by candidates who have acquired high education - at the department for primary school teacher education or at the department for pre-school teacher education (240 ECTS).

Contact

Head of the study program:
Prof. Dr. Aleksandar Jovanović
Telephone: +381 11 361 52 25
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Contact e-mail: dekanat@uf.bg.ac.rs

Teacher Education

at Teacher Training Faculty, 43 Kraljice Natalije, 11000 Belgrade, www.uf.bg.ac.rs

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

Study program content

The study program consists of four compulsory courses (Modern didactic-methodological trends in class teaching, Curriculum development and evaluation, Academic Writing, Foreign Language), an elective course and a seminar paper in the field of master thesis. The anticipated subjects include theoretical-methodological, scientific and professionally-applicative subjects. The study program follows the trends in the professional and methodological domain, which provides for the integration of teaching and problem-based, correlative-integrative systems and enables discovery learning. This study program includes the current world trends in science and teaching methodology. Knowledge and skills acquisition is achieved by means of an interdisciplinary approach to these areas.

Lessons are held in the form of lectures (monological, dialogical, interactive, text-method), practice exercises (monological, dialogical, interactive, text-method) and consultation.

Study program goals

The objectives of the study program are focused on modern scientific achievements, methodological theories and new methodological approaches. Special emphasis is placed on mastering the skills necessary for scientific research. The program provides for the study of contemporary trends in didactics and teaching methodology.

Students will also gain wider mainstream education, particularly in the domain of development of students' personality in order to be able to follow European trends. In addition, the aim of the study is to train students for independent work, including raising awareness about modern methodological and scientific approaches (language, literature, art and music area, mathematics, physical education, computer science).

A special emphasis is placed on competences in the practical application of knowledge in educational, cultural and scientific institutions. This includes a didactic and methodological foundation, based on the latest scientific knowledge. Through lectures, consultations and practice exercises planned in the study program, by means of active and interactive methods widely used in teaching, graduate students will be trained to apply the acquired knowledge in practical work, and to develop cooperation and critical thinking.

Study program outcomes

Graduates:

- Acquire knowledge of cognitive, conative, intellectual and emotional development of a preschool child;
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- Acquire knowledge of modern models of creative teaching: problem/discovery-based research models, reception-aesthetic models, algorithmic-mathematical models, exemplary-paradigmatic models, multimedia-multi source models, computer-simulation models, literary and artistic models, structural-graphical models, mutual interdependence of creative models (models are applied depending on the methodological field);
- Are able to apply new theoretical and methodological knowledge in the teaching practice;
- Are ready for Independent research work, writing professional and scientific papers in the field of methodology.

Admission requirements

Masters degree may be enrolled by candidates who have acquired high education - at the department for primary school teacher education or at the department for pre-school teacher education (240 ECTS).

Contact

Head of the study program:
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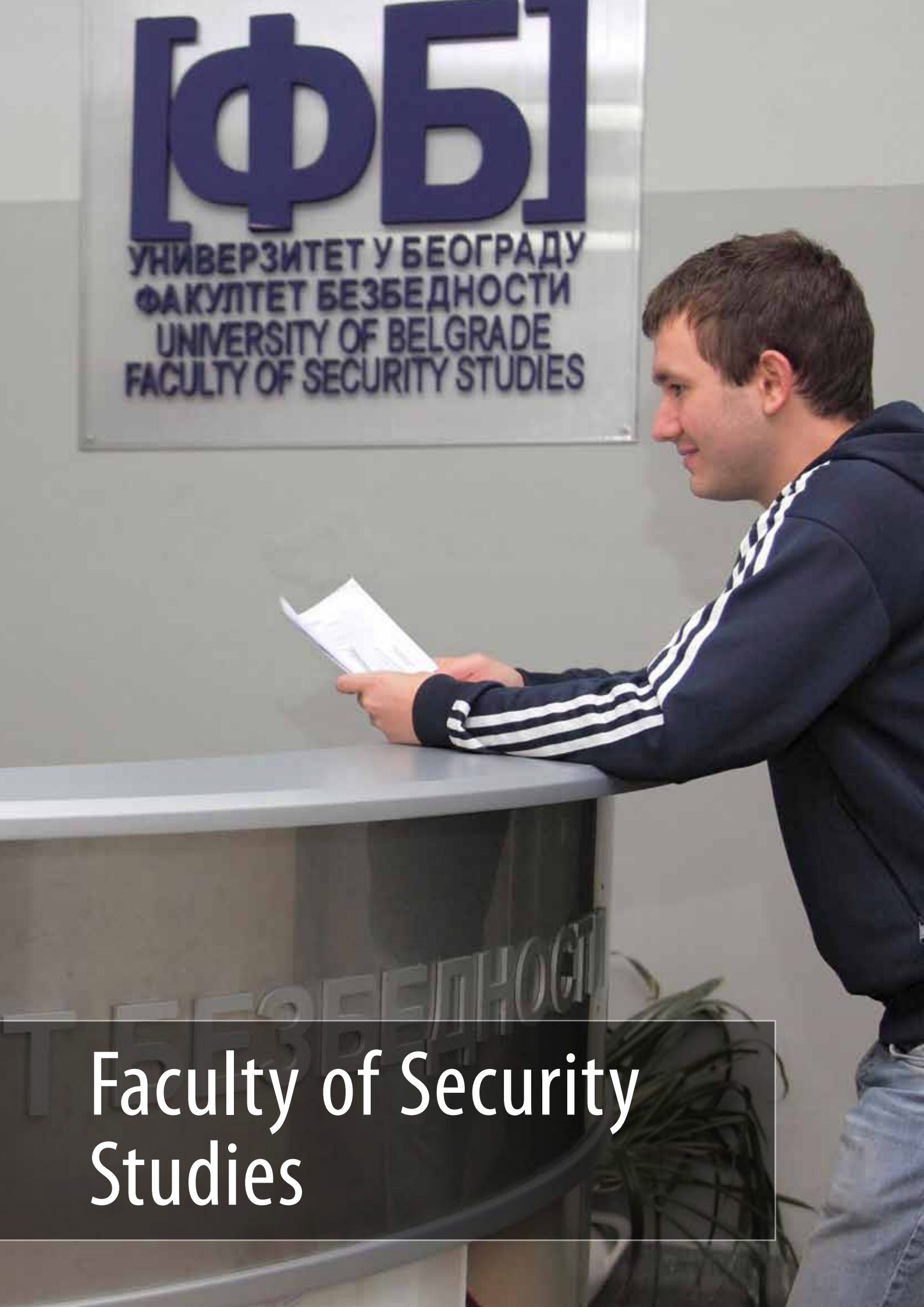
Contact e-mail: dekanat@uf.bg.ac.rs



Faculty of Security Studies

Security Studies

at Faculty of Security Studies, 50 Gopodara Vučića, 11000 Belgrade; www.fb.bg.ac.rs

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

Study program content

The Master of Arts program is a one-year program with a workload of 60 ECTS credits. The curriculum of the MA Program comprises the following components: compulsory courses, optional courses, original research, and thesis-writing and defence. In accordance with contemporary educational tendencies and the philosophy of education, the practical realization of the program includes up-to-date methods of learning and research (critical communication pedagogy, interactive learning, supervisor guidance, etc.)

Study program goals

The general goals of the master's program are for the students to:

- Gain knowledge on contemporary global security and geopolitical issues;
- Expand their theoretical knowledge on and comparative insights into the ways states and other agencies and organizations build security in order to enable students to examine security phenomena and issues from a critical standpoint;
- Upgrade their knowledge on the methodology of research of security issues and processes acquired at the undergraduate level;
- Enhance the methods and techniques of examining specific security processes and issues;
- Develop the competence to individually write and independently conduct simpler research projects.

Study program outcomes

Students' general capabilities and competence refer predominantly to the development of skills for: critical thinking, the analysis of contemporary security issues, the application of acquired knowledge in practice, keeping abreast of new developments in the field, problem solving at all levels, and local and international cooperation. The course-specific capabilities and competence of Masters of Arts in Security Management include the ability to work and conduct research in the field of security studies, human and social resources management studies, civil protection studies, environment protection studies and defence studies. The most important job positions and research activities include:

- Organizing security-related activities in government departments and other government bodies;
- Working in security agencies, inspection services, and as special assistants for public and national security;
- Developing and implementing security systems for persons, property and business in companies and institutions;
- Project planning and writing in the field of security at all levels (corporate, local, municipal, regional, national);
- Conducting security studies, analyses, assessments and plans;
- Working in human and social resources management in government departments;
- Human and social resources management and their development in civil defence, civil protection, environmental protection and security;
- Emergency management;
- Corporate and environmental risks management;
- National, regional and local civil protection management in Serbia;
- Participation in research projects in core fields of the program.

After successfully completing the MA program at the Faculty of Security Studies, students will be familiar with the latest theoretical developments in security studies and they will possess skills to independently conduct simpler research projects on security issues and processes. They will also gain knowledge and skills necessary to communicate, present and transfer the knowledge acquired in the course of their studies.

Admission requirements

Candidates who have graduated from the Faculty of Security Studies or affiliated faculties and have an average grade above 8 (eight) can be directly admitted into the MA program. Candidates who have graduated from faculties not af-

filiated with the Faculty of Security Studies are required to pass a compensatory exam in order to be admitted and need to have an average grade of 8 (eight) or above. The affiliated faculties include all the faculties of humanities and social sciences of the University of Belgrade (The Faculty of Economics, The Faculty of Law, The Faculty of Political Sciences, The Teachers' Training Faculty, The Faculty of Philosophy, The Faculty of Philology, and The Faculty of Orthodox Theology), The Academy of Criminalistic and Police Studies and The Military Academy.

Contact

Head of the study program:
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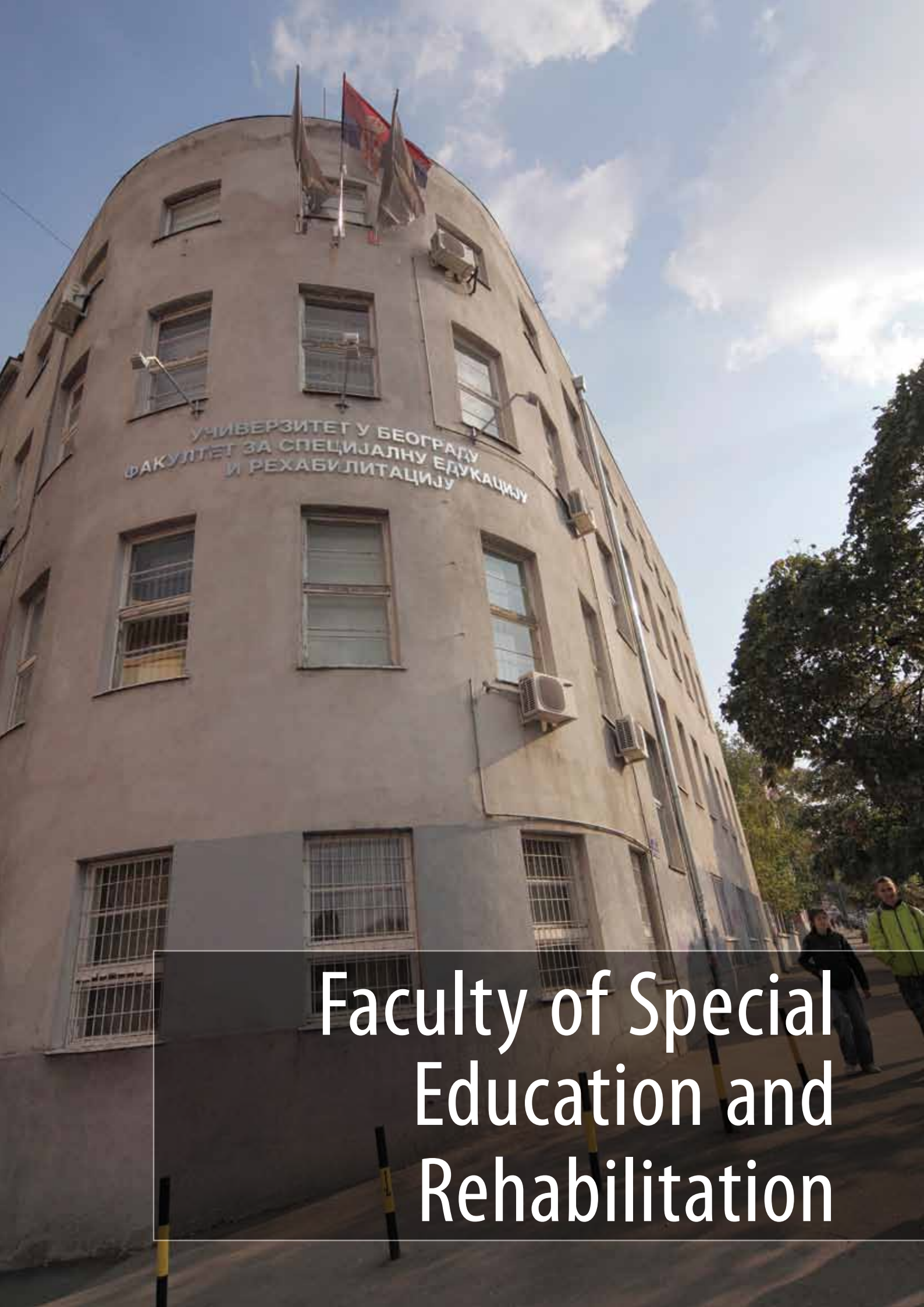
Contact e-mail: sdjuric@eunet.rs



Faculty of Special Education and Rehabilitation

Speech and Language Pathology

at Faculty of Special Education and Rehabilitation, 2 Visokog Stevana, 11000 Belgrade, www.fasper.bg.ac.rs

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

Study program content

Master academic studies in Speech and Language Pathology last for one academic year (or two semesters), and represent a starting point for the development of young scientists. The program consists of 1 one-semester compulsory course, and 6 one-semester elective courses, out of which students select 3. Teaching is performed through lectures, exercises, other forms of teaching, and research study. Students generally have 20 lessons of active teaching per year of master academic studies, 20 lessons of research study, and 10 lessons for writing the final paper.

Study program goals

The goals of master academic studies in Speech and Language Pathology are directed towards raising the level of academic knowledge in the fields of speech, language, and communication disorders, in accordance with international standards. The development of scientific thought through research, and education of speech and language pathologists should enable students to expand their knowledge through master studies, and more successfully deal with detection, prevention, diagnostics, habilitation, and rehabilitation of persons with communication disorders. This should also enable them to continue with improving standards in special education and rehabilitation. The final goal is creating new paths for the development of young experts in the field of speech and language pathology.

Study program outcomes

Master study program in Speech and Language Pathology expands knowledge in the field of speech and language pathology as follows:

- it trains experts for independent work in the fields of prevention, detection, diagnostics, habilitation, and rehabilitation, and for conducting scientific research;
- it trains experts to respect and improve the principles of working with persons with communication disorders;
- it improves detection and treatment processes, forms contemporary approaches and methods of rehabilitation, supports and improves life quality of persons with chronic forms of speech and language disorders;
- it trains experts to provide additional help to multiply disabled children with communication disorders, to read compulsory and supplementary, domestic and foreign literature, and to prepare adequate documentation for clinical work;
- it identifies the specific needs of persons with communication disorders, and involves working on early detection and working on diagnostics and rehabilitation of persons with speech and language disorders in medical institutions;
- it raises the level of work in preschools, elementary schools, special institutions for education and rehabilitation of persons with disabilities, and professional organizations;
- it involves participating in scientific and professional projects and programs in the field of speech and language pathology;
- it trains special educators for independent work with multiply disabled children and children with developmental disorders in academic skills, and for designing new information programs in working with this population.

Admission requirements

Completion of relevant undergraduate academic studies with 240 ECTS points.

Contact

Head of the study program:
Prof. Dr. Mile Vuković
Contact e-mail: mvukovic@yubc.net

Prevention and Treatment of Behavioral Disorders

at Faculty of Special Education and Rehabilitation, 2 Visokog Stevana, 11000 Belgrade, www.fasper.bg.ac.rs

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

Study program content

Master academic studies in Prevention and Treatment of Behavioral Disorders last for 2 semesters, granting 60 ECTS points upon completion. Total number of lessons in an academic year is 600 (300 per semester). The program consists of 8 courses: 2 compulsory and 6 elective, out of which students select 3. The number of ECTS points for each course, ranging from 5 to 15, depends on the number of lessons and the expected student's work. Research study is conducted during the second semester with the total number of 90 lessons, granting 25 ECTS points upon completion.

Study program goals

The goals of master academic studies in Prevention and Treatment of Behavioral Disorders include:

- Acquiring knowledge about counseling treatment of juvenile delinquents, and its effects;
- Mastering skills and knowledge in the field of corrective treatment and the effects of individual, group and frontal treatment methods on convicts in penal institutions;
- Acquiring skills and knowledge necessary for assessing strengths and providing treatment for persons who abuse psychoactive substances;
- Mastering skills and knowledge in the field of planning and programming prevention and corrective education activities, with the aim to reduce the occurrence of behavioral disorders and crime;
- Acquiring skills and knowledge necessary for understanding and carrying out different forms of formal and informal social control, prevention programs, and corrective education programs for persons with various types of behavioral disorders, and juvenile and adult offenders;
- Mastering skills and knowledge in the field of analytical work in the protection system for youth with behavioral disorders;
- Acquiring specific skills and knowledge in the field of directive and non directive counseling for persons with behavioral disorders and their families;
- Development and improvement of professional skills necessary for team work, individual and group work with young and adult offenders;
- Development of socio-pedagogical skills and abilities, which involve acting in local communities and wider social environment;
- Training students to use ICT in acquiring and applying knowledge;
- Training and motivating students for continuing professional development and interdisciplinary exchange of skills and knowledge.

Study program outcomes

Master academic studies expand students' knowledge acquired in undergraduate academic studies, in the following fields:

- Independent professional intervention which involves planning, designing, implementing, and evaluating programs of universal, selective, and indicated prevention of behavioral disorders, detection, assessment of strengths, needs, and treatment of persons with behavioral disorders and young and adult offenders;
- Applying quantitative and qualitative research methods in the field of behavioral disorders;
- Studying different phenomena related to prevention and treatment of behavioral disorders, which improves students' overall scientific and professional competence.

Admission requirements

Completion of relevant undergraduate academic studies with 240 ECTS points.

Contact

Head of the study program:
Prof. Dr. Aleksandar Jugović
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Special Education and Rehabilitation of Persons who are Deaf and Hard of Hearing

at Faculty of Special Education and Rehabilitation, 2 Visokog Stevana, 11000 Belgrade, www.fasper.bg.ac.rs

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

Study program content

Master academic studies in Special Education and Rehabilitation of Persons who are Deaf and Hard of Hearing last for one academic year, granting 60 ECTS points upon completion. The study program consists of 1 one-semester compulsory course, and 8 one-semester elective courses, out of which students select 4. All the courses are taught in the first semester. Research study is conducted during the second semester. Students write a final thesis at the end of the first year. Teaching is performed through lectures, exercises, other forms of teaching, and research study.

Study program goals

The goals of master academic studies in Special Education and Rehabilitation of Persons who are Deaf and Hard of Hearing are directed towards raising the level of academic knowledge in the fields of special education and rehabilitation of persons who are deaf and hard of hearing in accordance with international standards of master studies, and the development of scientific thought in the field of surdology through research and education of special educators. Master academic studies should enable students to:

- More successfully deal with detection, prevention, diagnostics, habilitation, and rehabilitation;
- More successfully deal with fields related to educating persons who are deaf or hard of hearing;
- Continue with improving standards in special education and rehabilitation of persons who are deaf and hard of hearing.

The final goal is creating new paths for the development of young experts in the field of surdology.

Study program outcomes

Master study program in Special Education and Rehabilitation of Persons who are Deaf and Hard of Hearing expands knowledge in the field of surdology as follows:

- it trains experts for independent work in the fields of prevention, detection, diagnostics, habilitation, rehabilitation, amplification, evaluation, education, and culture of persons who are deaf and hard of hearing, and for conducting scientific research;
- it trains experts who understand the principles of working with persons who are deaf and hard of hearing;
- it trains experts who participate in and improve detection and early treatment processes, who take part in forming contemporary approaches to teaching and education, and who support and improve life quality of persons who are deaf and hard of hearing;
- it trains experts to provide additional help to multiply disabled children who are deaf and hard of hearing, to read compulsory and supplementary, domestic and foreign literature, and to prepare adequate documentation for clinical and educational work;
- it identifies the specific needs of persons who are deaf and hard of hearing, and involves working on early detection and working on diagnostics, habilitation and rehabilitation in medical institutions;
- it raises the level of work in preschool classes, preschool classes in schools for children who are deaf and hard of hearing, primary and secondary schools for children who are deaf and hard of hearing, residential facilities for children who are deaf and hard of hearing, professional organizations for deaf and hard of hearing persons, and appropriate projects and programs.

Admission requirements

Completion of relevant undergraduate academic studies with 240 ECTS points.

Contact

Head of the study program:

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Special Education and Rehabilitation of Persons with Physical Disabilities

at Faculty of Special Education and Rehabilitation, 2 Visokog Stevana, 11000 Belgrade, www.fasper.bg.ac.rs

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

Study program content

Master academic studies in Special Education and Rehabilitation of Persons with Physical Disabilities last for one academic year. The study program consists of 5 courses, out of which 70% are compulsory and 30% elective, and taught in the first semester. Research study for the purpose of writing a final thesis is conducted in the second semester, and at the end of the study program students must pass the final exam. Teaching is performed through lectures, exercises, and research study. The lectures are presented through Power Point presentations, while individual work, work in small groups, and pair work are carried out in workshops, mainly exploring literature, internet sources, etc. Exercises are carried out in direct contact with persons with physical disabilities, through demonstrations provided by assistants or teachers, assisted individual work, and independent work. Research study in the second semester is aimed at writing a final master thesis.

Study program goals

The goals of master academic studies in Special Education and Rehabilitation of Persons with Physical Disabilities are directed towards achieving professional competence in the fields of educational and clinical work with persons with physical disabilities. They include:

- Mastering the methods of prevention, diagnostics and early intervention in special education and rehabilitation;
- Acquiring skills and knowledge for independent development and implementation of education programs, rehabilitation, and vocational training of persons with physical disabilities;
- Mastering the phenomenological research approach to physical disabilities in neurological conditions, orthopedic conditions, and chronic diseases;
- Mastering the content of education program, health and social care, through special pedagogic and rehabilitation work with persons with neurological and orthopedic deficits, and chronic diseases;
- Acquiring skills and knowledge to actively participate in team work in educational, medical, and social care institutions;

This concept of master academic studies enables reaching the goals of creating highly educated professionals for working with persons with physical disabilities of all ages, in the fields of education, health and social care.

Study program outcomes

General and course-specific competencies of students of Master academic studies in Special Education and Rehabilitation of Persons with Physical Disabilities include:

- Broadening, expanding, and creatively integrating knowledge and skills acquired in undergraduate academic studies;
- Training in active participation, information integration and interpretation, cooperation, communication and decision making in a multidisciplinary team;
- Training in independent use, critical and comparative analysis, integration, and interpretation of scientific and professional information;
- Competent planning, designing, implementing, and evaluating standard and innovative programs in the fields of prevention, diagnostics, treatment, education, vocational training, and social integration of persons with different manifestations of neurological, orthopedic, and chronic impairments/ diseases, during all periods of their lives.

Admission requirements

Completion of relevant undergraduate academic studies with 240 ECTS points.

Contact

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Special Education and Rehabilitation of Persons with Visual Impairments

at Faculty of Special Education and Rehabilitation, 2 Visokog Stevana, 11000 Belgrade, www.fasper.bg.ac.rs

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

Study program content

Master academic study program in Special Education and Rehabilitation of Persons with Visual Impairments belongs to the group of social sciences and humanities, special education and rehabilitation field of science.

The study program structure is based on developmentally-differentiated fields of rehabilitation science and typhlology, such as methodology of scientific research in typhlology, primary and intervention teaching, education models, early intervention, social skills, educational and access technology. Master academic studies last for one academic year (or two semesters).

Compulsory subjects are Methodology of Scientific Research in Typhlology, Class Teaching Methods for Children with Visual Impairments, and Inclusive Education of Children with Visual Impairments. Elective courses are: Early Intervention for Children with Visual Impairments, Functional Assessment of Persons with Visual Impairments, Development of Social Skills in Persons with Visual Impairments, Access Technology in Rehabilitation of Persons with Visual Impairments. In accordance with previously profiled academic and professional interests, students select 2 elective courses.

Study program goals

The goal of the study program is acquiring academic knowledge and skills on a master level, through lectures, exercises, research study, and writing a master thesis, for the purpose of:

1. Quantitative and qualitative planning and programming in educational and rehabilitation work with persons with visual impairments, and other subjects with rehabilitation needs within the scope of competencies of MA in Special Education and Rehabilitation holders;
2. Class teaching and its modeling for children with visual impairments, according to regular or partially adapted curriculum, with the implementation of special school-hygiene measures and selected corrective-pedagogic work;
3. Planning and implementing support model for the inclusion of children with visual impairments into regular schools, and meeting integration and emancipation needs in a social environment;
4. Early medical and pedagogic assessment, support and help for children with visual impairments;
5. Training in the use of hardware and software which enable persons with visual impairments to access information;
6. Training in the use of modern educational and assistive technology in different conditions of visual impairment;
7. Development strategies of social skills in children, adolescents, and adults with visual impairments.

Study program outcomes

MA in Special Education and Rehabilitation holders are competent in working independently on the following:

- Planning class teaching for children with visual impairments, according to regular or adapted curriculum, with the implementation of corrective-pedagogic work;
- Organizing educational and rehabilitation work with visually impaired children in inclusive education;
- Designing and implementing individual education programs for children with visual impairments; functional assessment and treatment of visual and tactile-kinesthetic functions; programming and implementing education programs in multiply disabled children with visual impairments;
- Counseling and creating appropriate family environment;
- Applying rehabilitation software packages and assistive technology for persons with visual impairments;
- Further improvement of educational and re-

habilitation practice;

- Independent testing of monocular and binocular visual functions;
- Diagnostics and treatment of strabismus and low vision;
- Clinical rehabilitation of persons with visual impairments: orthoptic therapy in different forms of strabismus and binocular vision disorders, pleoptic therapy in functional low vision;
- Selecting corrective and optical aids, and providing training for their usage.

Admission requirements

Completion of relevant undergraduate academic studies with 240 ECTS points.

Contact

Head of the study program:
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Special Education and Rehabilitation of Persons with Intellectual Disabilities

at Faculty of Special Education and Rehabilitation, 2 Visokog Stevana, 11000 Belgrade, www.fasper.bg.ac.rs

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

Study program content

Master academic studies in Special Education and Rehabilitation of Persons with Intellectual Disabilities last for one academic year (2 semesters), granting 60 ECTS points upon completion (30 ECTS points per semester). Total number of lessons in an academic year is 615. The study program for the first semester consists of 12 courses in total, out of which students select 5 – 1 compulsory and 4 elective. Elective courses (11 in total) are divided in two elective groups. The first group, Treatment Models for Persons with Intellectual Disabilities, consists of 5 courses, and the second group, Social Models of Intellectual Disability, consists of 6 courses. Students select 2 courses from each elective group. Research study in relevant fields and writing a final (master) thesis are planned for the second semester.

Study program goals

The goals of master academic studies in Special Education and Rehabilitation of Persons with Intellectual Disabilities:

- Broadening, expanding, and creatively integrating knowledge and skills acquired in undergraduate academic studies;
- Acquiring knowledge and skills necessary for competent planning, designing, implementing, and evaluating standard and innovative programs in the fields of primary prevention, secondary prevention, clinical assessment, clinical treatment, education, vocational training, and social integration of persons with different types and levels of intellectual disabilities, during all periods of their lives;
- Mastering quantitative and qualitative research methods in the field of special education and rehabilitation of persons with intellectual disabilities;
- Training in active participation, information integration and interpretation, decision making and managing a multidisciplinary team;
- Training in independent use, critical and comparative analysis, integration, and interpretation of scientific and professional information.

Study program outcomes

Master academic studies expand students' knowledge acquired in undergraduate academic studies, in the following fields: independent planning, designing, implementing, and evaluating prevention programs, diagnostics, educational and clinical treatment of persons with intellectual disabilities; methodology of scientific research in oligophrenia; social model of disability (model of providing support in inclusive education, planning and programming in working with autistic persons, assessing education strengths and support needs, self-guidance, self-advocacy, and mental health of persons with intellectual disabilities) and specific treatment models of persons with intellectual disabilities (methods and techniques in augmentative and alternative communication, movement therapy, sensory-motor method, cognitive learning strategies, social and daily life skills).

Admission requirements

Completion of relevant undergraduate academic studies with 240 ECTS points.

Contact

Head of the study program:
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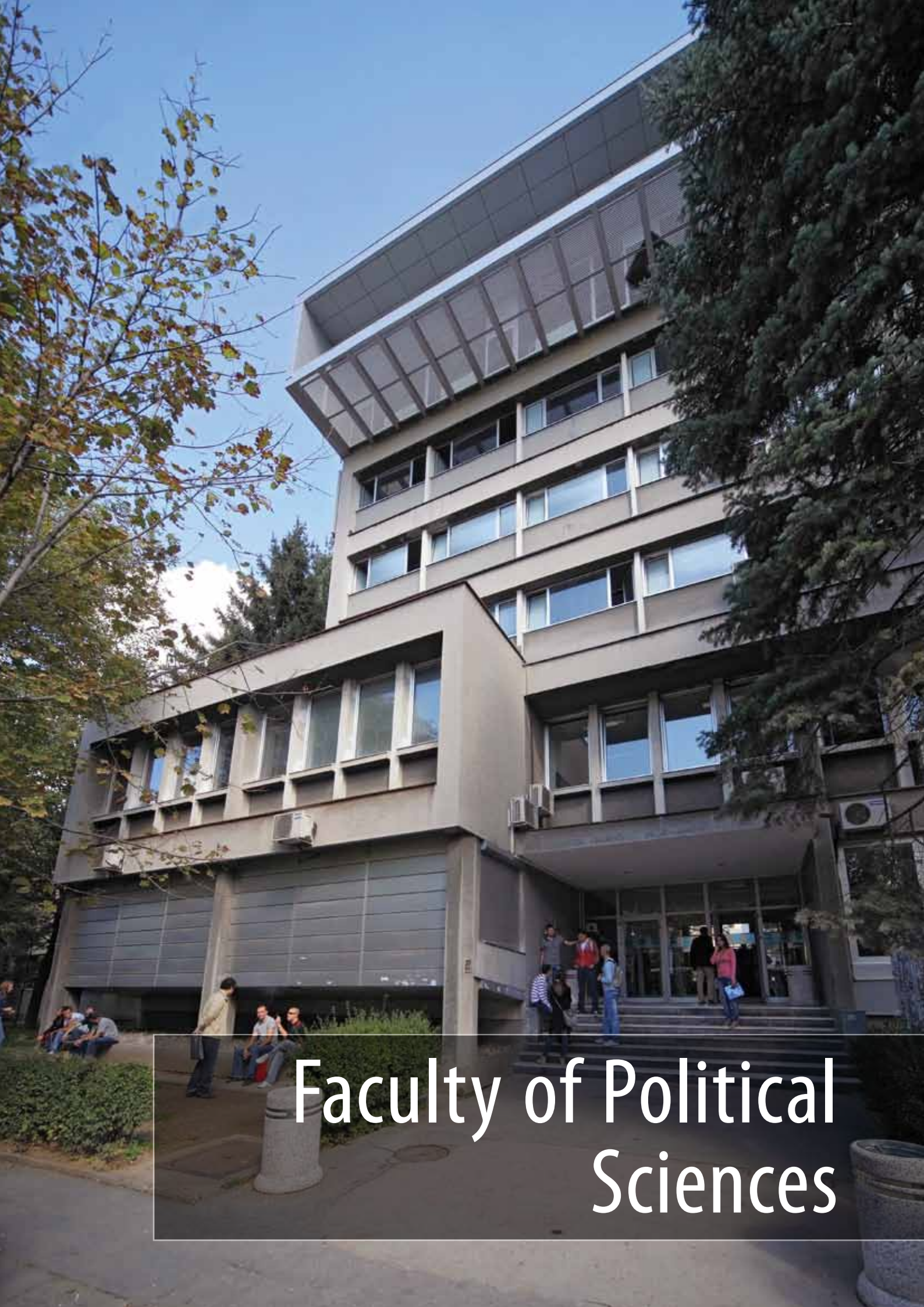

Faculty of Political Sciences

Political Science

at Faculty of Political Sciences, 165 Jove Ilića, 11000 Belgrade, www.fpn.bg.ac.rs

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

Study program content

The study program of master academic studies of political science was created according to usual standards of similar master programs in the region and in European countries, however combining several fields (in the form of elective modules) which at the universities of the most developed countries are usually organized separately. Therefore this program encompasses the modules dealing with political theory and political institutions, political violence and state and political sociology and analytics.
Its structure is composed not only of three elective modules, but within each of the elective modules a usual system of division to compulsory and elective courses has been applied, including a sufficient percentage of elective courses according to the standards for the 2nd cycle studies.
By its content, the program continues undergraduate studies at our faculty, enabling the graduates thereof to continue their education and specialize their knowledge in one of the fields encompassed by the elective modules. It should be emphasized that these fields are not studied at other faculties in Serbia. This gives an opportunity also to students of relevant faculties of social sciences, who obtained at least 240 ECTS at the preceding level of studies and are interested in these fields, to continue their education on this program.

Study program goals

The aim of the study program at master academic studies of Political Science are primarily:

- Improvement of the existing and obtaining of new theoretical and practical knowledge and skills in the fields of political theory and political system, political violence and state, political sociology and analytics, as well as relevant scientific disciplines;
- Obtaining advanced knowledge of political phenomena and processes and manners of explaining social development and changes, for critical understanding and active approach in influencing systemic, structural and organizational aspects of functioning of political institutions and processes;
- Obtaining knowledge of local, regional, supranational and global dimensions of politics, political relations, political processes and political institutions;
- Training for specific professional knowledge enabling professional dealing with the tasks of analysts and organizers in public authorities, political parties, local self-governance, public services and corporations;
- Training of experts for the tasks of political decision-making and management, organization of tasks in various fields of political action, increase of political culture and formation of democratic public.

Modules

Political Theory and Institution, Political Violence and State, Political Sociology and Analytics

Study program outcomes

By successful completion of this academic master program students should obtain the following competences enabling them for successful performance of the envisaged tasks:

- Profound knowledge and understanding of theoretical-methodological concepts and bases of disciplines related to political theory and political institutions, political violence and state, political sociology and analytics.
- Capacity for analysis and synthesis of scientific and professional knowledge in the fields of political theory and political institutions, political violence and state, political sociology and analytics, as well as of relevant scientific disciplines for understanding of nature, structure and manner of satisfaction of needs and interests of society and state;
- Capacity for understanding the manner in which contemporary political problems emerge and responds of theory and practice of political science thereto;
- Capacity for critical understanding and application of means characteristic for action in political environment in acting on struc-

tural aspects of functioning of society and state;

- Capacity for independent and team performance of tasks related to application of theoretical knowledge in practice;
- Communication capacities and skills of establishment and maintenance of relations with other persons dealing with the same or similar activity;
- Capacity for independent and team analytical and research work in studying of political problems;
- Capacity for connecting knowledge from several relevant fields of work for more successful solution of complex problems in practice;
- Capacity for following and application of news in the field of international studies and basic capacity for transfer of that knowledge.

Admission requirements

Completed relevant undergraduate academic studies bearing 240 ECTS.

Contact

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International Studies

at Faculty of Political Sciences, 165 Jove Ilića, 11000 Belgrade, www.fpn.bg.ac.rs

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

Study program content

The study program of master academic International Studies was created according to usual standards of similar master programs in the region and in European countries, however combining several fields (in the form of elective modules) which at the universities of the most developed countries are usually organized separately. Therefore this program encompasses modules dealing with international politics, European integration, international security and peace studies.

Its structure is composed not only of four elective modules, but within each of elective modules a usual system of division to compulsory and elective courses has been applied, including a sufficient percentage of elective courses according to the standards for the 2nd cycle studies. By its content, the program continues undergraduate studies at our faculty, enabling its graduates to continue their education and specialize their knowledge in one of the four fields covered by the elective modules.

Study program goals

The aims of the study program of master academic International Studies are primarily:

- Improvement of the existing and obtaining new theoretical and practical knowledge and skills in the fields of international politics, European integration, international security and peace studies, as well as relevant scientific disciplines for understanding of nature, structure and manner of satisfaction of needs and interests of subjects of international relations in complex circumstances of international character;
- Acquisition of advanced knowledge of international phenomena and processes and manners of explanation of social development and changes, for critical understanding and active approach in influencing systemic, structural and organizational aspects of functioning of international society, communities and groups creating it and exercising their interest therein, in interaction with other similar subjects;
- Acquisition of knowledge of local, regional, supranational and global dimensions of international politics, contemporary integration in Europe, security problems and activities on maintenance and enhancement of peace in international community;
- Acquisition of knowledge and understanding of theoretical-methodological concepts of actual disciplines from the broader field of international studies ;
- Acquisition of advanced knowledge and skills of professional work in this field; - training for independent and team performance of tasks pertaining to planning, organization and realization of diverse activities in the field encompassed by the study program;
- Training for independent analytical-research work in studying international problems and proposing solutions for some of them;
- Building of professional identity and adoption of value bases of the occupations pertaining to international studies;
- Training for practical application of contemporary information-communication technologies in obtaining information, acquisition of knowledge and problem solving in the fields covered by the study program.

Modules

European Integration, International Security, International Politics, Peace Studies, International Law and Human Rights Law.

Study program outcomes

By successful completion of this academic master program students should obtain the following competences enabling them for successful performance of envisaged tasks:

- Profound knowledge and understanding of theoretical-methodological concepts and bases of disciplines related to international politics, European integration, international security studies and peace studies;
- Capacity for analysis and synthesis of scientific and professional knowledge in the fields of international politics, European integration, security studies and peace studies, as well as relevant scientific disciplines

for understanding of nature, structure and manner of fulfillment of needs and interests of our society in international environment;
- Capacity for understanding the manner in which contemporary international problems emerge and responds of theory and practice of international politics thereon;
- Capacity for critical understanding and application of means characteristic for action in international environment in influencing structural aspects of functioning of international society and subjects acting therein;
- Capacity for independent and team performance of tasks related to application of theoretical knowledge in practice;
- Communication capacities and skills of establishment and maintenance of relations with other people dealing with the same or similar activity;
- Capacity for independent and team analytical and research work in studies of international problems;
- Capacity for connecting the knowledge of several relevant fields for more successful solving of complex problems in practice;
- Capacity for following and application of news in the field of international studies and basic capacity for transfer of that knowledge.

Admission requirements

Completed relevant undergraduate academic studies bearing 240 ECTS.

Contact

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Regional Studies

at Faculty of Political Sciences, 165 Jove Ilića, 11000 Belgrade, www.fpn.bg.ac.rs

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

Study program content

Study program of the master academic Regional Studies has been developed according to common standards of similar master programs in European countries, USA, Australia, and other countries - leaders in the Asian and Pacific studies. It contains two elective modules, which at the universities of the most developed countries are usually organized separately, however here grouped due to local conditions. Therefore this program encompasses the modules of Regional Asian Studies and the Studies of the United States of America. The Regional Asian Studies and the Studies of the United States of America are multidisciplinary studies as they enable multidisciplinary studying of the most dynamic world region, as well as the USA, from the aspects of political science, economy, geopolitics, political anthropology, history and cultural studies.

The structure of two modules, i.e. study profiles, offers the usual package of compulsory and elective courses, with sufficient percentage of elective courses, in accordance with standards stipulated for the 2nd cycle studies.

By its content, the syllabus continues the undergraduate studies at our Faculty, enabling the FPS graduates to continue their education and specialize their knowledge in one of two broad fields of regional studies, encompassed by the two offered modules.

On the other hand, the program of regional master studies is also an opportunity for students of relevant social science faculties who obtained at least 240 ECTS in the preceding education cycle and are interested in these two fields to continue their education by specialization in this educational profile at the 2nd cycle. It should be emphasized that the program of regional studies and both its profiles - Regional Studies of Asia and the Studies of the USA are unique in the education system of Serbia and the region.

Study program goals

The aims of the study program of master academic - Regional Studies are:

- Improvement of the existing and obtaining of new theoretical and practical knowledge and skills in the fields of subregional processes and institutions of Asian integration, comparative politics of the USA, PR China, Russian Federation, states of Southeastern, Central, Southern Asia, Middle East, Far East, the US history, the US foreign and security policy, the US legal system, the US values and popular culture, identities and values of Asian countries, geopolitics and geoeconomy of Asia, as well as of bilateral relations of our country with the USA and other countries covered by the program, for understanding of institutions, processes, phenomena and mechanisms of cooperation in complex structure of political, economic, security and value regional ambience and rendering the most beneficial recommendations to public, business and other subjects cooperating with the countries of the above mentioned regions;
- Obtaining knowledge of local, national, subregional, regional and global dimensions in international relations and world politics;
- Obtaining knowledge and understanding of theoretical-methodological concepts of concrete disciplines from the broader field of regional studies;
- Obtaining knowledge and skills of professional work in countries of these regions or offices, i.e. companies cooperating with them;
- Training for independent and team performance of tasks linked to planning, organization and realization of numerous analytical and operative tasks, from the fields covered by the study program;
- Training for independent analytical-research work in studying of regional institutions, phenomena and processes and anticipation of their dynamics and content.

Modules

Regional Asian Studies and Studies of the United States of America

Study program outcomes

By successful completion of academic master program of Regional Studies, students should obtain the following competences, enabling them for successful performance of assigned tasks where they shall show:

- Profound knowledge and understanding of theoretical-methodological concepts and bases of disciplines related to regional studies;
- Capacity of analysis and synthesis of scientific and professional knowledge in the field of regional studies, aimed at understanding of manner of realization of interests of out society in public, business and other contacts with the above mentioned regions;
- Capacity of understanding of dynamics and causes of dominant problems and conflicts, regional and global, as well as the responses of theory and practice of regional studies thereto;
- Capacity for critical understanding and application of means characteristic for influencing structural aspects of functioning of the region and subjects acting therein;
- Capacity for independent and team performance of tasks related to application of theoretical knowledge in practice;
- Communication capacities and skills of establishment and maintenance of relations of cooperation within the same or similar activity;
- Capacity for independent and team analytical and research work in studying of phenomena, institutions, processes and other phenomena of regional studies;
- Capacity for connecting the knowledge from several relevant fields for more successful solving of complex problems of regional studies in practice;
- Capacity for following and application of news in the field of regional studies.

Admission requirements

Completed relevant undergraduate academic studies bearing 240 ECTS.

Contact

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Social Politics

at Faculty of Political Sciences, 165 Jove Ilića, 11000 Belgrade, www.fpn.bg.ac.rs

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

Study program content

Master academic studies of social policy are a one-year study program bearing 60 ECTS, founded upon and deepening the knowledge obtained at undergraduate four-year studies of social policy and social work. The program offers to students a possibility to further develop their knowledge and its critical application in various fields of social policy.

The syllabus contains a number of compulsory courses of scientific-professional, theoretical-methdological and professional-applicative character aimed at obtaining of advanced knowledge from the fields: comparative studies of social models, globalization, European social policy, migration policy, social administration, theory of justice and cultural anthropology. The program further contains deepened theoretical-methodological bases and practical aspects of research of social phenomena, social problems, possibility for social changes and effects of practical work.

Another compulsory part of master studies of social policy is the final - master paper, which confirms the student's capacity for critical application of the obtained scientific and professional knowledge in direct and research-analytical practice.

Teaching is carried out in the form of lectures, exercises and seminars, with application of methods of active teaching encompassing presentation of new theoretical concepts, linking with previously obtained knowledge and application of the learnt subject matter through different exercises and assignments. Exercises are carried out in discussion groups, workshops, simulation methods, case studies and similar, whereas the assignments include group and independent solution of problems, practical tasks, seminar papers, essays etc.

Study program goals

The aims of the study program at master academic studies of social policy:

- Upbuilding of existing and obtaining of new theoretical and practical knowledge and skills in the field of social policy and relevant scientific disciplines for understanding of nature, structure and manner of fulfillment of human needs.
- Acquisition of advanced knowledge of social phenomena and processes, social problems and manners for incenting social development and changes, for critical understanding and active approach in influencing systemic, structural and organizational aspects of functioning of society, social groups and communities;
- Acquisition of knowledge and understanding of theoretical-methodological concepts and bases of social policy
- Acquisition of advanced knowledge and skills of social work with individuals and social groups,
- Training for independent analytical research work in studying social problems and needs of social groups, planning and establishment of offices and services and evaluation of effects of work.-- Building of professional identity and adoption of value bases of social policy and social work;
- Acquisition of advanced knowledge on functioning and financing of policies;
- Obtaining knowledge of local and regional, international and supranational dimensions of social policy.

Study program outcomes

The outcomes of the study program are:

- Analysis and synthesis of scientific and professional knowledge in the field of social policy and social work and relevant scientific disciplines for understanding of nature, structure and manner of fulfillment of human needs in social environment;
- Analysis and synthesis of advanced knowledge of social phenomena and processes, social problems, social changes and manners of incenting social development and changes;
- Understanding of manner in which contemporary social problems emerge and re-

sponds of social policy thereto, encompassing the functioning of social services within a broader system and in purpose of fulfillment of human needs;
- Profound knowledge and understanding of theoretical-methodological concepts and bases of social policy and social work;
- Capacity for independent and team analytical-research work in studying social problems and needs of social groups, planning and establishment of offices and services and evaluation of effects of work, as well as application of ethical principles in research practice;
- Mastering skills of social work with individuals and social groups; capacity for independent and team performance of tasks related to preventive, developmental and protective interventions, basics of supervision and voluntary management; - communication capacities and skills of establishment and maintenance of relations of cooperation, assistance and support with clients of social work (individuals, families, groups and communities), colleagues and at the level of organization;
- Following and application of news in the field of social policy and social work and capacity for transfer of knowledge.

Admission requirements

Completed relevant undergraduate academic studies bearing 240 ECTS.

Contact

Head of the study program:

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Social work

at Faculty of Political Sciences, 165 Jove Ilića, 11000 Belgrade, www.fpn.bg.ac.rs

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

Study program content

Master academic studies of Social Work are a one-year study program bearing 60 ECTS, founded upon and deepening the knowledge obtained at undergraduate four-year studies of social work and social policy. The program offers to students a possibility for further development of their knowledge and its critical application in different fields of social work as a practical social activity.

The syllabus contains a number of compulsory courses of scientific-professional and applicative character pertaining to studies of theoretical and practical aspects of integral models of social work, particularly the work with family, individuals, groups and communities and management of social work at the level of establishment and management of social centres and services, professional and applicative discipline related to the field of social work such is mediation and supervision. The program also contains deepened theoretical-methodological bases and practical aspects of research of social phenomena, social problems, possibilities for social changes and effects of practical work. Another compulsory part of studies of social work is the final - master paper which confirms the student's capacity for critical application of obtained scientific and professional knowledge in direct and research-analytical practice.

The teaching is carried out in form of lectures, exercises and practical field work. The teaching implies methods of active teaching, including presentation of new theoretical concepts, linking with the previously gained knowledge and application of the learnt subject matter through different exercises and assignments. The exercises are carried out in discussion groups, workshops, through simulation methods, case studies etc., whereas the assignments involve group and independent problem solution, practical assignments, field work under mentorship, seminar papers, essays and the like.

Study program goals

The aims of the study program at master academic studies of Social Work are as follows:

- Upbuilding of the existing and obtaining of new, practical and theoretical knowledge and skills in the field of social work and relevant disciplines for better understanding of nature, structure and manner of fulfillment of human needs;
- Obtaining advanced knowledge of social phenomena and processes, social problems, social deviations and manners of incenting social development and changes, for critical understanding and active approach in influencing systemic, structural and organizational aspects of functioning of society, social groups and communities;
- Acquisition of knowledge and understanding of theoretical-methodological concepts and bases of integral and action models of social work;
- Obtaining advanced knowledge and skills of social work with individuals, families, groups and communities, organizations and management of services dealing with human needs and problems;
- Training for independent and team performance of tasks pertaining to preventive, developmental and protective interventions, basics of supervision and voluntary management;
- Training for independent analytical research work in studies of social problems and needs of social groups, planning and establishment of centres and services and evaluation of effects of work;
- Building of professional identity and adoption of value basis of social work.

Study program outcomes

The outcomes of the study program are:

- Analysis and synthesis of scientific and professional knowledge in the field of social work and relevant scientific disciplines for understanding of nature, structure and manner of fulfillment of human needs in social environment;
- Analysis and synthesis of advanced knowledge of social phenomena and process, social problems, social deviations and manners of incenting social development and

changes;

- Critical understanding and application of action approaches of social work in influencing systemic, structural and organizational aspects of functioning of society, social groups and communities;
- Profound knowledge and understanding of theoretical-methodological concepts and bases of integral and action models of social work and their critical application;
- Mastering the skills of social work with individuals, families, groups and communities, organizations and management of services dealing with human needs and problems;
- Capacity for independent and team performance of tasks pertaining to preventive, developmental and protective interventions, bases of supervision and voluntary management;
- Communication capacities and skills of establishment and maintenance of relations of cooperation, assistance and support to clients of social work (individuals, families, groups and communities), colleagues at the level of organization;
- Capacity for independent and team analytical-reserach work in studying social problems and needs of social group, planning and establishment of centres and services and evaluation of effects of work, as well as application of ethical principles in research practice;
- Critical knowledge and understanding of ethical aspects of practice, implications of ethical principles on social work practice and capacity of their application;
- Following and application of innovations in the profession and capacity for transfer of knowledge.

Admission requirements

Completed relevant undergraduate academic studies bearing 240 ECTS.

Contact

Head of the study program:

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Journalism

at Faculty of Political Sciences, 165 Jove Ilića, 11000 Belgrade, www.fpn.bg.ac.rs

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

Study program content

Master academic studies of journalism are a one-year study program bearing 60 ECTS which deepens the knowledge obtained at undergraduate, four-year studies of journalism or other social sciences. The program offers to students the possibility for further development in the field of journalism and critical application of new knowledge in its various fields.

The study program contains a number of compulsory courses of scientific-professional, theoretical-methodological and professional-applicative nature aimed at obtaining advanced knowledge in the field of cultural anthropology, Internet and new media technologies, creative writing in journalism, rhetoric in electronic media, international communication, gender, language and politics as well as deepening of knowledge of practical disciplines such are documentary journalistic forms or media editing. The program contains profound theoretical-methodological basis and practical aspects of research of social phenomena, social problems, possibility for social changes and effects of practical work in journalism. The elective courses offer to students a possibility for more complete introduction with disciplines of general-educational and scientific-professional nature such are disciplines in the fields of anthropology, international communication, and professional and applicative disciplines related to the field of journalism, like it is the work on mastering journalistic genres, Internet and new media technologies.

Another compulsory part of master academic studies of journalism, apart from seminar papers, is the final master paper confirming the student's capacity for critical application of the obtained scientific and professional knowledge in direct and research-analytical practice.

Study program goals

The aims of the study program of master academic studies of journalism:

- Upbuilding of the existing and obtaining of new theoretical and practical knowledge and skills in the field of journalism and relevant scientific disciplines for understanding of nature, structure and manner of work and management in media.
- Obtaining advanced knowledge of social changes and processes, social problems, social deviations and manners of incenting social development and changes, for critical understanding and action approach in influencing media and journalism for incenting to change;
- Obtaining knowledge and understanding of theoretical-methodological concepts both of journalism and of relevant disciplines;
- Obtaining advanced knowledge and skills of individual and team work in research journalism and media editing,
- Training for independent and team performance of different journalistic tasks;
- Training for independent analytical research work in media studies and analysis,
- Building of professional identity and adoption of ethical principles of work in media ;
- Acquisition of advanced knowledge of functioning of media policy in Serbia;
- Acquisition of advanced knowledge of functioning and financing of media;
- Acquisition of knowledge of local and regional, international and supranational dimensions of media communication .

Study program outcomes

Upon completing the studies, graduates shall gain a detailed insight in contemporary theoretical and methodological bases and approaches of journalistic work; they shall have a critical-comparative review of contemporary perspectives as the basis for establishment of action models of practice. They shall acquire profound knowledge and skills of research in the field of media, including ethical application of relevant research paradigms and critical acceptance of implementation of research in practice. They shall be trained to commence independent and team research within the media analysis; for independent assessment of actual manner of work in journalism; to monitor the effects of tabloidization present in all, even in the top quality media; they shall be trained for supervision

of journalistic and editorial work in media. They shall be trained for independent and team assessment of weaknesses of editorial policy of the analyzed media and evaluation of actual work of journalists which achievements shall be critically assessed.

Admission requirements

Completed relevant undergraduate academic studies bearing 240 ECTS.

Contact

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Communication Studies

at Faculty of Political Sciences, 165 Jove Ilića, 11000 Belgrade, www.fpn.bg.ac.rs

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

Study program content

Master academic communication studies are a one-year study program bearing 60 ECTS, founded upon and aimed at deepening the knowledge obtained at undergraduate, four-year studies of journalism. The program offers to students an opportunity for further development of their knowledge and its critical implementation in diverse fields of public relations, for the benefit of clients including governmental and non-governmental organizations, business companies, public administration, political parties, trade unions etc. Besides, upon completing the master communication studies, students shall be better prepared to join scientific research of media and public opinion.

The study program consists of two compulsory courses of theoretical-methodological character. The courses of theoretical-practical and professional-applicative character are classified into two elective blocks of four courses each, with the students being free to choose three courses out of each. In this manner they shall have initiative in obtaining and shaping of knowledge devoted to the phenomenon of globalization, culture (anthropology and social structure), Internet and new media technologies, as well as freedom of expression there through, media analyses, communication with publics, media economics and rhetorics and gender relations in society. The curriculum encompasses deepened theoretical-methodological bases and introduction to practical aspects of research of social phenomena, public, media and new information-communication technology which is the main engine of constituting the information society.

Elective courses offer to students a possibility for a more complete introduction with the disciplines of general-education and professional nature which should provide for the profile of experts being increasingly demanded for the tasks of procession, keeping and dissemination of information, obtaining public attention and public relations which indeed expand in information society. The exercises within professional-applicative courses shall at the largest possible measure be aimed at linking their content to the demands of potential beneficiaries. Another compulsory part of master academic communication studies is writing and defence of the final - master paper - which tests the student's capability for independent application of the obtained scientific and professional knowledge. These papers are also envisaged to be specific case studies for actual beneficiaries in practice. Those more theoretically oriented shall serve as a basis for continuing the studies at doctoral level.

Study program goals

The aims of the study program at master academic communication studies are:

- Upbuilding of the previously acquired knowledge and obtaining new theoretical and practical knowledge and skills in the field of management of public communication and public relations for the sake of meeting the changes, structure and manners of fulfillment of communication needs in information society;
- Acquisition of advanced knowledge of social phenomena and processes opened by the evolution of information-communication technology and mass media convergence, leading toward different manners of social organization, production, business operation, behavior and grouping of people;
- Obtaining knowledge and understanding of theoretical-methodological concepts for management of information, transparency of work, freedom of expression and access of citizens to information of public importance;
- Obtaining advanced knowledge and skills for public relations which shall increasingly represent virtual communities and social networks at the Internet. - Training for independent and team performance of tasks pertaining to e-government, e-business, e-education and culture, e-democracy etc;
- Training for independent analytical-research work in studying communication problems and needs of social institutions, groups and individuals, for planning and establishment

of offices for public relations and rendering of communication services.
- Training for independent analytical-research work for evaluation of effects of their work - building of professional identity of experts in management of public communication and adoption of value criteria in compliance with professional ethics;
- Obtaining knowledge of local and regional, international and supranational aspects of social and communication phenomena which constitute an information society.

Study program outcomes

Upon completing the studies, students shall gain a detailed insight in contemporary theoretical and methodological bases and approaches in management of information and public relations. They shall have a critical-comparative, global review of contemporary communication needs and manners for their fulfillment. On the basis of these outcomes, they shall be trained to take over, in team of independently, the actual assignments and tasks of public communication for their employers, clients and social groups. Apart from deepened knowledge and skills, they shall obtain insight in principles of professional ethics applicable on theoretical concepts and actual phenomena in practice. They shall be professionally and ethically trained to commence independent and team research of problems and effects of management of information, transparency of work, freedom of expression of opinion of citizens and their access to information of public importance. They shall theoretically and professionally be trained to independently and/or in teams create new means for exercising the publicity, public communication, public relations, reputation building etc, becoming unavoidable in an information society.

Admission requirements

Completed relevant undergraduate academic studies bearing 240 ECTS.

Contact

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Theory of Culture and Gender Studies

at Faculty of Political Sciences, 165 Jove Ilića, 11000 Belgrade, www.fpn.bg.ac.rs

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

Study program content

The master academic Cultural Studies - master in Theory of Culture and Gender Studies is a one-year study program (bearing 60 ECTS), which, being multidisciplinary, relies on several social sciences and humanities, deepening the already obtained knowledge from various undergraduate study programs. The syllabus of the master in Theory of Culture and Gender Studies is composed in such a manner as to enable students to choose between two fields: a broad field of theory of culture and a younger discipline, gender studies; and ultimately, which is more important, their interlinking.

The study program has two compulsory common courses and a large number of elective courses with specificities pertaining to each of these individual fields. Elective courses offer to students a more complete familiarization with disciplines of general educational character such are the fields of anthropology, philosophy, history of civilization; then, separate programs contextualized by this knowledge, such are the courses in Balkan Cultures, Image of the Other, or Contemporary Theories of Gender Identities; a particular advantage of the program are the courses enabling also the implementation of the obtained knowledge, like the Policies of Gender Equality, Gender, Language and Politics etc.

A compulsory part of this master study program is the final (master) paper, confirming the student's capability for independent research, critical approach, articulation and presentation of his/her attitudes regarding these fields.

Study program goals

- The aims of the study program in master academic Cultural Studies - Theory of Culture and Gender Studies are to offer theoretical and categorical apparatus for understanding and interpretation of contemporary cultural developments and changes;
- To offer knowledge from various disciplines dealing with the subject matter of culture and give incentive to interdisciplinary studies of different cultural phenomena - to provide knowledge of different civilization and cultural patterns, artistic developments and philosophical categories participated throughout the history and today being present in creation of culture as a comprehensive concept
- To stimulate research of the culture of everyday life, which can influence broader social plans and projects
- To point to the necessity of critical reconsideration of the content of media and popular culture - to train for critical analysis of the manner in which stereotypes are created and in which they survive, as well as the impacts they have on prejudice and behavior in different fields of social life of community, such are education, labour market, politics
- Training for independent research work, obtaining knowledge of epistemological and methodological concepts in new research areas, like gender studies (qualitative and quantitative research, etc.)
- Obtaining knowledge of functioning and influence of non-governmental sector
- Obtaining knowledge of local, regional and international aspects of cultural policy, gender equality policy, etc.

Study program outcomes

The program is designed in such a manner as to equally enhance theoretical and interpretative competences as well as to prepare students for work in various cultural institutions at the state level and within civil sector. This study program on one hand prepares for active participation in creation of cultural policy at the level of broader society as well as within local communities; on the other hand, the program also enables obtaining of gender perspective which is in contemporary world necessary in all segments of society, in cultural and health institutions, legal system etc. Therefore this study program shall, among else:

- Train students to intervene in society with an aim to establish a just order taking care of cultural and other interests of diverse social

groups and individuals, as well as of marginalized groups
- To particularly develop tolerance for diversity and recognition of diversities thus preparing them for the challenges of the 21st century;
- To train students for designing programs and projects which shall stimulate creativity in entire population of our society, and particularly in youth population, etc.;
- To train students for independent and critical reading of texts from the field of theory of culture and gender studies enabling them to further expand their knowledge.

Admission requirements

Completed relevant undergraduate academic studies bearing 240 ECTS.

Contact

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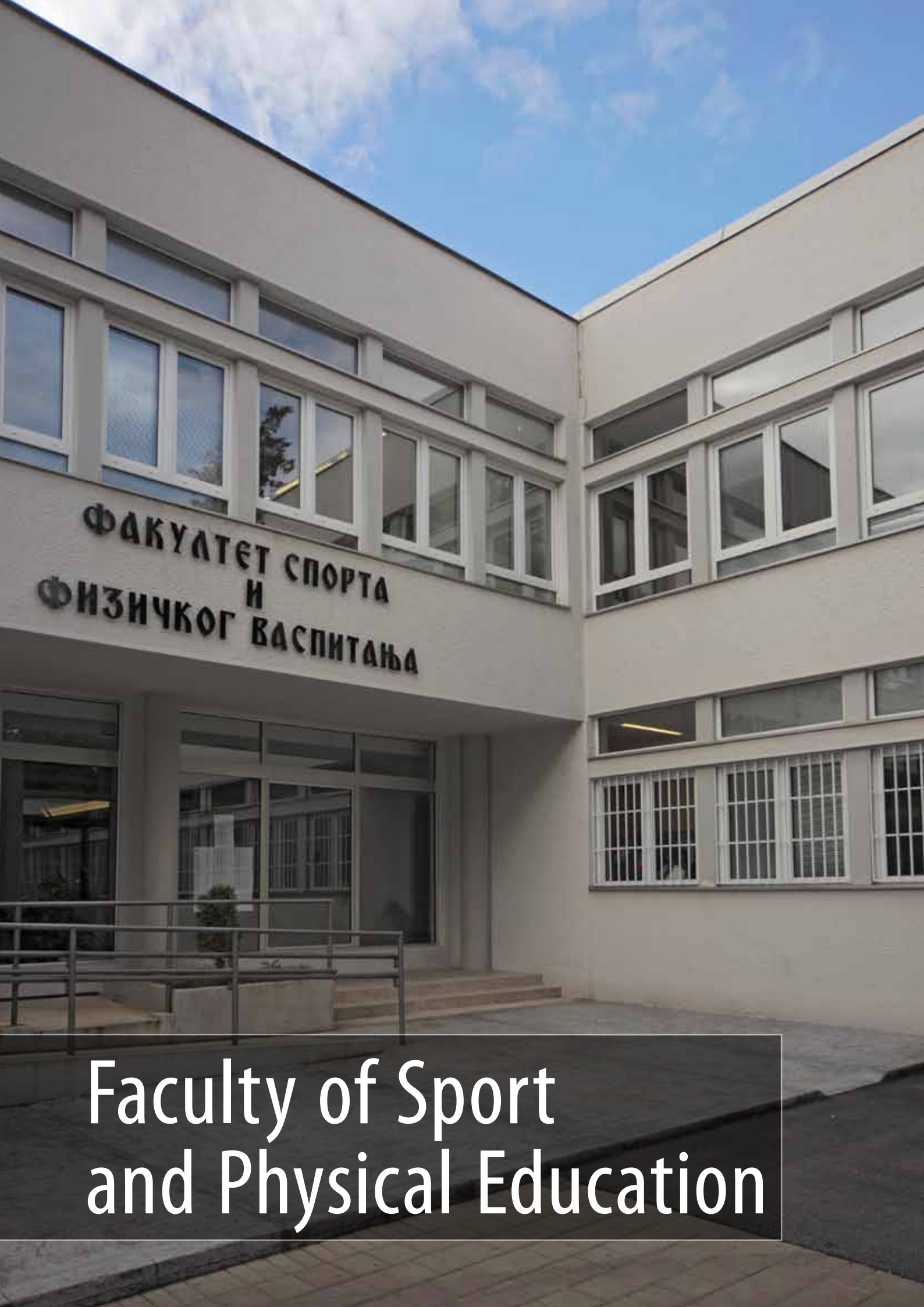

Faculty of Sport and Physical Education

Physical Education and Sport

at Faculty of Sport and Physical Education, 156 Blagoja Parovića, 11000 Belgrade, www.dif.bg.ac.rs

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

Study program content

Study program contains 5 mandatory (4 one-semester and 1 two-semester), 8 elective courses and graduation thesis. The program is conducted in a manner characteristic for the study of physical education, sport and recreation. The classes are implemented in the facilities of the Faculty, a part of teaching (practical exercises and professional practice) is done in sports clubs, schools, representative teams, as well as other institutions with which the faculty has agreed cooperation. In addition study program provides depth knowledge of analytical and diagnostic processes are studied in the individual case. For this study program through the acquisition of practical knowledge and skills is particularly emphasized education and training of students for independent work, and work in research institutions and institutions dealing with development, management and control in the field of sports. Professional and pedagogical practices are conducted in schools, sports clubs, as well as other institutions with which the faculty has agreed cooperation.

Study program goals

Study program physical education and sports aimed at the formation of a competent and independent experts, in accordance with modern trends in education in the world, with respect to claims related to the processes on which modern education is based. The objectives of the study result from the perception of the state of science and engineering in the country, as well as the need for the provision of academic and professional staff in the field of physical education and sport. The function of the competence of students, study program includes a series of general education, theoretical-methodological and scientific subjects which are a condition for the understanding and realization of professional application subjects. The program aims to familiarize students with the interdisciplinary profession and successfully linking knowledge in different educational areas and to enable students, through its implementation of practical and theoretical exercises to gain knowledge on the basis of direct involvement.

Study program outcomes

Upon completion of the study of physical education and sports studies at the graduate academic students will be trained to work in:

- Education system-school physical education (teaching and off-hour teaching activities) at all levels of education, as well as all institutions dealing with physical education;
- Research institutions, institutions of management, supervisory and developmental orientation;
- Sports (Theory and technology of the selected sports, general sports activities in the system);
- Recreation / sports recreation (organization and process technology to recreation);
- Research institutions and all institutions dealing with development, management and control in the field of sport.

Admission requirements

The right to apply for admission to graduate academic studies - master is given to the students who completed basic academic studies with the minimum of 240 ECTS points awarded at one of the faculties of physical education and sport. The right to apply is granted to the person who acquired or acquires the level of studies VII-1 according to the legislation valid until entry into force of the Law on High Education ("Official Gazette of the Republic of Serbia", noj 76/05) if he/she wants to acquire the academic title of graduate PE and sport professor - master.

Contact

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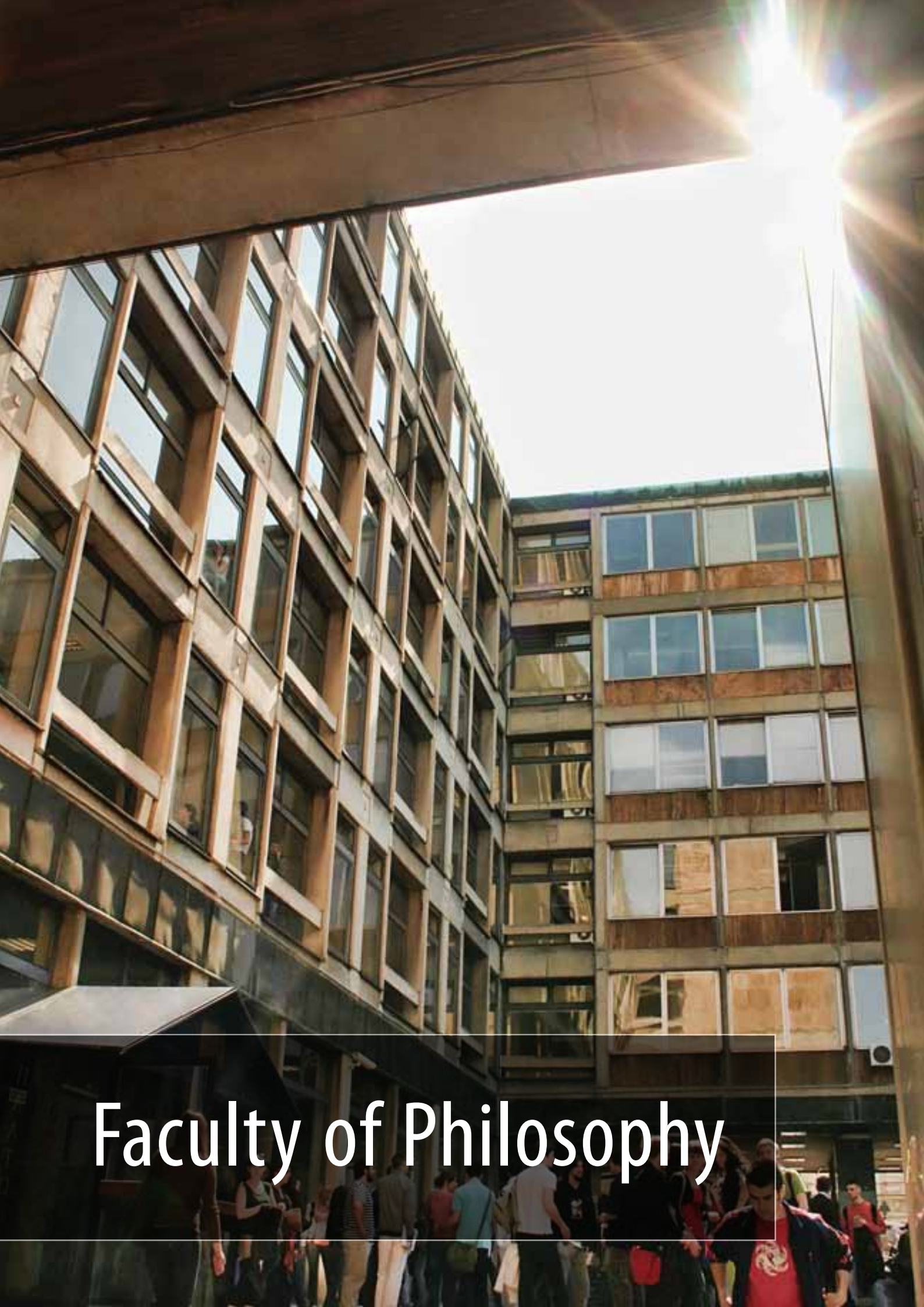

Faculty of Philosophy

Andragogy

at Faculty of Philosophy, 18-20 Čika Ljubina, 11000 Belgrade, www.f.bg.ac.rs

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

Study program content

The academic masters in androgogy at the University of Philosophy in Belgrade is a unique program in Serbia. The main purpose of the program at this level is to train experts to work in specific areas of education and adult education and to equip graduate students for scientific research in various areas of andragogy. An important element of the program's goal is for students to largely create an independent study program, by choosing an area of study and becoming equipped for and familiar with research.

Study program goals

The objectives for the graduate study program are:

- Mastering contemporary concepts and theoretical-methodological orientations in the scientific study of andragogy, its disciplines and various sectors of adult education.
- Gaining a critical approach in examining contemporary and relevant issues in adult education, becoming familiar with the theoretical origins and characteristics of development and research.
- The ability to independently and successfully work in the practice of adult education using specific skills, abilities and knowledge.
- The ability to understand different epistemological standpoints that form the basis of andragogical research and conceptualize and implement research according to what is needed based on specific characteristics of issues.
- Developing creativity, leadership abilities and team work skills, consciousness of the need for continual professional advancement and study.

Study program outcomes

Upon completing the academic masters in androgogy studies, the graduate will be able to:

1. Understand theoretical and methodological problems specific to the discipline of andragogy and the adult education sector;
2. Be familiar with various research and epistemological-methodological approaches and paradigms and understand their implications in studying specific issues in adult education; 3. Conceptualizing and realizing various forms of research in education and adult education;
3. Identifying practical issues in andragogy, conceptualizing and implementing research on those issues and proposing possible practical solutions to the problem.

Admission requirements

Completed undergraduate study in andragogy (240 ECTS) or equivalent undergraduate andragogy four year program, according to the conditions and statutes of the University and Faculty; students that have completed another undergraduate program must take a differential exam in accordance with masters program and University rules.

Contact

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Archeology

at Faculty of Philosophy, 18-20 Čika Ljubina, 11000 Belgrade, www.f.bg.ac.rs

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

Study program content

The academic masters study in archeology at the Faculty of Philosophy in Belgrade is intended to further students professional advancement in the field of archeology. The program is specialized and is based on expanding and deepening theoretical and practical knowledge and abilities of students and provides them with a background for continued graduate,doctorate studies. The purpose of the masters program is to enable students to able to work in complex professional jobs at various levels of the archeological process and to expand students abilities and skills in scientific research.

Study program goals

The masters program in archeology is designed to develop general and specific knowledge and skills for participating in the process of archeological research. The goals for the program are to:

- Deepen general theoretical-methodological knowledge of the field of archeology and similar disciplines;
- Gain specific knowledge and skills for specializing in a particular area of archeology;
- Develop a professional approach to research;
- Practically apply acquired knowledge;
- Develop creative ability, academic and professional skills,
- Prepare students for scientific research and further development of professional skills and doctoral studies.

Study program outcomes

Upon completing the masters study program in archeology students will have gained the following abilities:

- Deepened specialized knowledge in a chosen area of interest in archeological research;
- A foundation of knowledge for further professional advancement;
- The ability to critically analyze cultural and historical phenomena;
- A perceptive, critical approach to analyzing cultural phenomena and processes in contemporary culture;
- The ability to work interdisciplinary, within the social sciences and other similar disciplines;
- The ability to apply and implement knowledge in various work settings: museums, historical preservation societies/institutes, cultural and educational institutes.

Admission requirements

Completed undergraduate study in archeology (240 ECTS) or equivalent undergraduate archeology four year program, according to the conditions and statutes of the University and Faculty; students that have completed another undergraduate program must take a differential exam in accordance with masters program and University rules.

Contact

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Ethnology and Anthropology

at Faculty of Philosophy, 18-20 Čika Ljubina, 11000 Belgrade, www.f.bg.ac.rs

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

Study program content

The purpose of the academic masters program in ethnology and anthropology is to produce ethnologists-anthropologists capable of scientific research and research application in society, as well as to efficiently incorporate students from other undergraduate backgrounds into the program and provide them with the opportunity to change disciplines. The Master in ethnology-anthropology is designed through courses, a research component and a written final work(thesis). In that sense, a graduate candidate in a masters of ethnology and anthropology is expected to be able to contribute to the scientific community and public upon graduating through writing a relevant study on social phenomena or processes from a broad spectrum of issues such as urban and gender studies, contemporary and popular culture, science and politics, globalization and multiculturalism, alternative religious phenomena, urban and traditional folklore. The program is comprised of methodological, theoretical, professional, scientific and practical training for applied work, with a particular focus on producing candidates that are able to write scientific studies. Masters in ethnology and anthropology students are expected to be adequately prepared for continued doctoral studies in the field of social-humanistic sciences.

Study program goals

Through combining sub-disciplines, such as urban and gender studies, political science and globalization with multicultural politics, the program aims to overcome arbitrary boundaries of suggested sub-disciplinary based study style of the twentieth century and move towards an interdisciplinary and project oriented approach on each research topic without committing common mistakes or romanticizing history, identity, tradition and similar. The masters program attempts to thoroughly follow issues related to the process of Serbian international integration and cultural change.

Study program outcomes

A graduate of the masters in ethnology-anthropology will be able to:

- Study traditional and contemporary Serbian culture;
- Study the Balkans and Southeastern Europe;
- Examine the forming of new cultural identities and contemporary cultural transformation;
- Study globalization and European integration;
- Define research problems from a broad, interdisciplinary spectrum of social sciences, humanities disciplines, social and cultural politics and tourism;
- Organize, design and conduct research in the areas of culture, media, religion, social institutions and groups;
- Mediate in situations of ethnic, cultural, religious, racial and other types of conflict in multicultural societies;
- Identify, document, classify, archive, interpret and evaluate elements of cultural inheritance;
- Actively apply ethnological and anthropological knowledge to the media, sports, fashion and tourism industries;
- Analyze, implement and evaluate projects in the area of social and cultural politics;
- Implement and conduct scientific and applied projects for governmental and non-governmental organizations;
- Participate in the process of education at a pre-school, elementary, middle school and high school level and in permanent education;
- Competently and expertly participate in professional work, create projects and manage at cultural institutions (museums, galleries, libraries, media libraries, archives, cultural centers etc);
- Participate and work in development projects, at an analytical, evaluative and predicting level.

Admission requirements

Completed undergraduate study in andragogy (240 ECTS) or equivalent undergraduate andragogy four year program, according to the conditions and statutes of the University and Faculty; students that have completed another undergraduate program must take a differential exam in accordance with masters program and University rules.

Contact

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Philosophy

at Faculty of Philosophy, 18-20 Čika Ljubina, 11000 Belgrade, www.f.bg.ac.rs

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

Study program content

The purpose of the academic masters study program in philosophy is to equip students with scientific, professional and methodological knowledge needed to work in the field of philosophy and similar disciplines in the humanistic and social sciences, as well as to gain basic abilities and skills for scientific research in the discipline of philosophy.

Study program goals

The goals of the graduate program in philosophy are:

- To gain thorough knowledge of all areas of philosophy;
- To be familiar with the general history of philosophy;
- Thorough knowledge of logic and methodology;
- To be able to move within various spheres of knowledge with ease and precision;
- To provide an introduction to relevant theories on values: ethics, aesthetics, philosophy of law and politics, cultural philosophy, philosophy of religion; to approach all arenas that require familiarity with human values and value-systems with a rich background of knowledge and broad approach;
- To provide an introduction to contemporary trends and developments in philosophical ideas;
- To be able to practically apply acquired knowledge;
- To develop creative ability, academic and professional skills needed for the professional world and to continue professional studies.

Study program outcomes

A broad familiarity with the history of philosophy ensures a higher quality education, as does thorough knowledge of logic and methodology, specifically scientific methods, which will enable graduates to move within various spheres of knowledge with ease and precision. Familiarity with relevant theories on values(ethics, aesthetics, philosophy of law and politics, cultural philosophy, philosophy of religion etc) will provide graduates with a rich background of knowledge and broad approach or working in arenas that require familiarity with human values and value-systems.

Admission requirements

Completed undergraduate study in philosophy (240 ECTS) or equivalent undergraduate philosophy four year program, according to the conditions and statutes of the University and Faculty; students that have completed another undergraduate program must take a differential exam in accordance with masters program and University rules.

Contact

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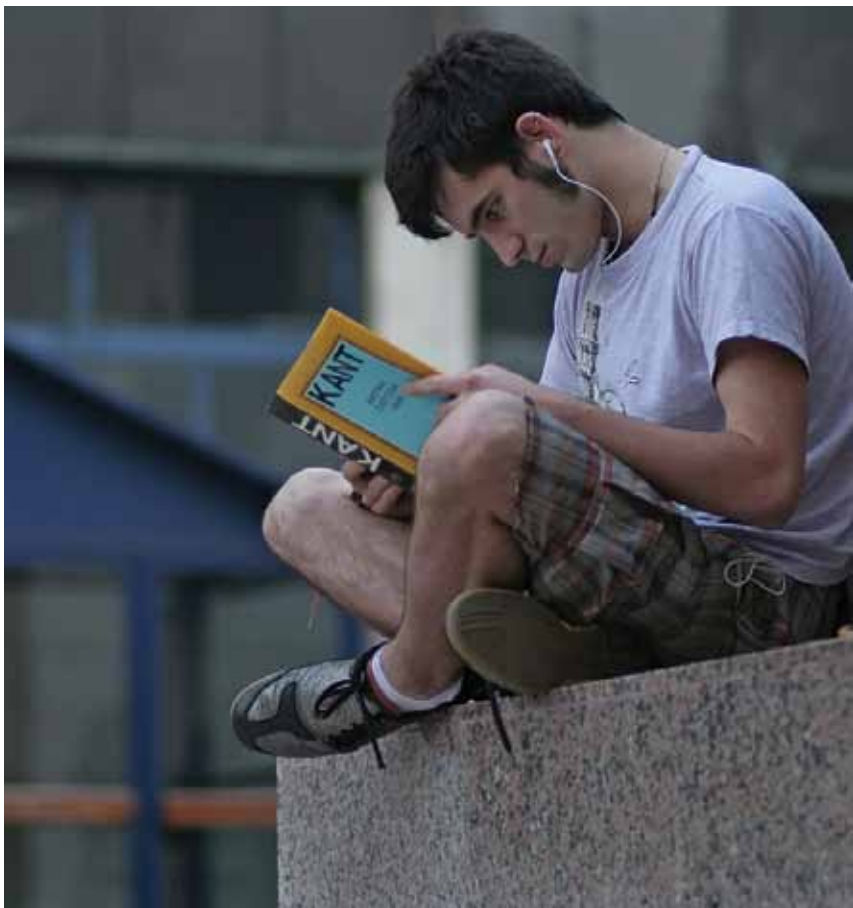

History

at Faculty of Philosophy, 18-20 Čika Ljubina, 11000 Belgrade, www.f.bg.ac.rs

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

Study program content

The purpose of the masters study program in history is to acquire theoretical, methodological and specific inner disciplinary knowledge of a chosen module, conceptualized chronologically, with a broad choice of topics from political, social, economic and cultural issues.

The masters program consists of required and elective courses and provides students with a thorough and holistic approach to issues in contemporary science and trains for research work.

The program nurtures students critical thinking, expands knowledge and hones and teaches professional skills needed to work in the field.

Study program goals

The goals of the graduate program in history are:

- To master specific knowledge on particular issues in the historical sciences;
- Mastering basic knowledge of the study of history or from related historical sciences to prepare for future independent scientific research;
- Acquiring methodological knowledge and specific skills to studying issues within the historical sciences;
- To be introduced to specific areas of work in institutions(archives, libraries, museums and similar) that are relevant for expertise in certain areas of study in the historical sciences;
- Applying knowledge, methods and skills in a practical scientific-research environment;
- To be familiar with writing methods for various types of scientific and historical research papers and articles;
- To be familiar with the publishing standards for historical articles and papers;
- Perfect students ability to apply knowledge and skills in the professional arena for masters in history candidates to work in educational or cultural institutions.

Study program outcomes

Outcomes of participating in the masters in history academic program are:

- Specific knowledge of certain inner areas of study within the framework of the historical sciences;
- General knowledge of sister sciences to history or auxiliary historical disciplines at a level needed to conduct independent scientific research;
- Methodological knowledge and specific skills for studying issues within the historical sciences;
- Knowledge and ability in writing methods for various types of historical articles and papers and methods of oral presentation of research findings;
- The ability to detect and define scientific issues;
- Apply scientific and methodological knowledge and skills in a practical scientific research environment;
- Familiarity with specific areas of work in institutions(archives, libraries, museums and similar) that are relevant for expertise in inner areas of study in the historical sciences;
- Be familiar with publishing standards for historical articles and papers;
- The ability to apply knowledge and skills in the professional arena for masters in history candidates to work in educational or cultural institutions.

Admission requirements

Completed undergraduate study in history (240 ECTS) or equivalent undergraduate history four year program, according to the conditions and statutes of the University and Faculty; students that have completed another undergraduate program must take a differential exam in accordance with masters program and University rules.

Contact

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History of Art

at Faculty of Philosophy, 18-20 Čika Ljubina, 11000 Belgrade, www.f.bg.ac.rs

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

Study program content

The purpose of the academic masters study program is to provide students with specialized knowledge in specific areas of art history (art in antiquity, history of architecture, medieval art with a focus on Serbian and Byzantine medieval art, new era art, modern art, theory and methods, museology and cultural preservation), for students to be trained in the newest methods and skills, research techniques and knowledge that is applicable to various areas of practical work in this field as well as for students to be prepared for higher levels of study (graduate).

Study program goals

The goal for this program is for students to perfect and advance skills gained during undergraduate study, by concentrating on one of the offered areas of study:

1. History, theory and visual ideas from a chosen art or architecture period and/or art history idea present in the periods from antiquity to modern and contemporary art;
2. Museology and cultural preservation;
3. Methods in art history as a science and humanities discipline;
4. Training for an independent scientific research project and art work interpretation, broad conceptualization/sketch and defense of a particular field of interest(cultural history, sociology, anthropology, archeology, pedagogy, classical studies etc). Masters students will be equipped to use their knowledge practically, through creative work and academic and professional skills needed for work in the field.

Study program outcomes

A graduate of the masters program will have:

1. Mastered methods of scientific research;
2. Be familiar with current literature in specific areas of art history, including works in foreign languages;
3. Mastered academic language and rhetorical skills;
4. Nurtured critical and independent thinking in his/her interpretations and ideas.

Admission requirements

Completed undergraduate study in art history (240 ECTS) or equivalent undergraduate art history four year program, according to the conditions and statutes of the University and Faculty; students that have completed another undergraduate program must take a differential exam in accordance with masters program and University rules.

Contact

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Philology/Classical studies

at Faculty of Philosophy, 18-20 Čika Ljubina, 11000 Belgrade, www.f.bg.ac.rs

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

Study program content

The purpose of the masters study program in classical sciences is to acquire expert scientific knowledge and to master an area of study in classical studies - greek linguistics, Latin linguistics, literature of antiquity, cultural history of antiquity, middle greek philology, middle Latin philology, history of religion, reception of antique literature and comparistics. Through an interdisciplinary approach, students will broaden and enrich their knowledge and methods in the field of classical studies and gain a broad basis for professional and scientific work in the fields of philology, linguistics, literary and historical studies.

Study program goals

Furthering and completing foundational knowledge from undergraduate studies in classical studies by learning new approaches and specializing in a field of research in classical studies. Becoming an expert in classical studies that will be able to independently and consistently advance professionally and continue to work in and contribute to scientific research.

Study program outcomes

A graduate of the masters program in philology/classical studies will posses a high degree of familiarity with the classical sciences and will be able to provide expertise in a specific area of classical studies; providing the graduate with independent ability and competency to work in pertinent professional fields, from a broad spectrum of academia, to media, culture(museums, libraries, media libraries, archives, cultural centers), publishing agencies, publicity and tourism. A graduate with a masters in philology/classical studies will be able to further advance expertise and specialization in the area of interest and will be able to offer insight into the culture of antiquity by interpreting texts and cultural phenomena.

Admission requirements

Completed undergraduate study in classical studies (240 ECTS) or equivalent undergraduate classical studies four year program, according to the conditions and statutes of the University and Faculty; students that have completed another undergraduate program must take a differential exam in accordance with masters program and University rules.

Contact

Head of the study program:
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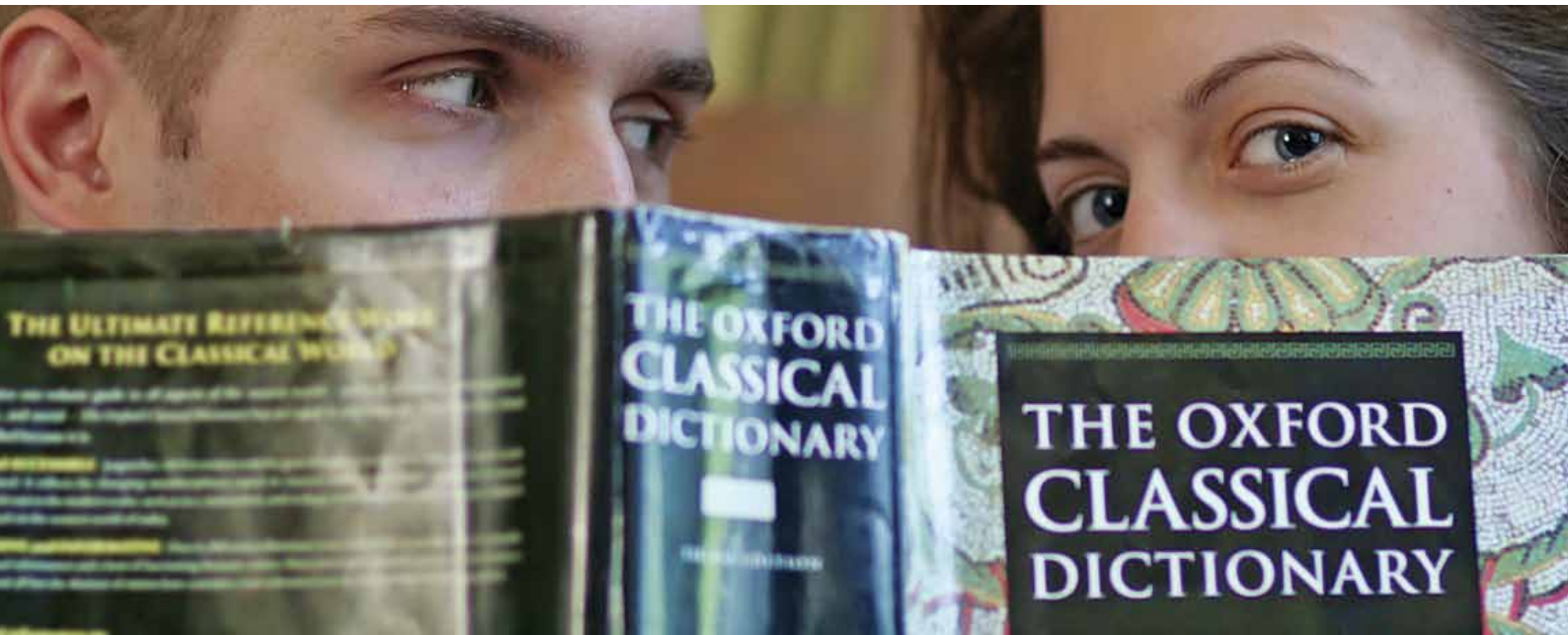

Psychology

at Faculty of Philosophy, 18-20 Čika Ljubina, 11000 Belgrade, www.f.bg.ac.rs

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

Study program content

The purpose of the academic masters study program in psychology is for students to complete a final component of study for work in the field of psychology in various areas of applied psychology (health care, economy, academics, social work, environment, child and elder care etc), and to acquire professional skills for scientific research. The masters in psychology program, which is completed through a course of study modules(clinical psychology, educational, psychology of work and research)and through a system of elective and required courses, provides students with a background for working in standardized jobs in psychology; such as human resources, psychological analysis of the work environment and workplace, psychological diagnosis, juvenile triage, personality assessment, counseling and others. In addition, the masters program in psychology enables students to use their knowledge of theory and methods to create new solutions for numerous problems present in practice. Finally, the program teaches students to design, organize and implement smaller scale psychological scientific research projects that aim to present knowledge on diverse psychological phenomena. The masters program in psychology also educates to provide experts for private practice and services such as counseling, testing and personality testing etc. Finally, students will be prepared to continue their professional development through doctorate studies, specialization and other.

Study program goals

The goals of the masters in psychology program are the following:

- Mastering the system of theoretical and methodological knowledge in psychology and its sister disciplines;
- To provide an introduction to various psychological theoretical approaches and theories, including their strong and weak points and practical application in various sectors;
- To critically assess already existing psychological knowledge, theory and methods;
- To understand philosophical and epistemological foundations for contemporary psychological theory and concepts;
- To critically evaluate modern programs in various sectors of applied psychology,;
- To provide students with an introduction to contemporary methods and techniques in psychology for working with data, applications and boundaries- to be able to identify, define and solve tangible issues in the workplace;
- For graduates to be qualified to supply needed psychological services within the profession ;
- Fostering constructive communication with coworkers in other professions and in various types of organizations as well as provide support, cooperate and problem-solve; -
- to develop sensitivity towards detecting psychological problems in people at the workplace, and practice conscientious and constructive professional relationships with co-workers, clients and others;
- to analyze relevant psychological issues in the work environment of psychologists, and propose appropriate solutions and; to conduct scientific research work.

Study program outcomes

Upon completing the program, graduates will be able to:

1. Independently make clinical assessments, counsel, proactive prevention and research (in clinical psychology); - identify and research problems and suggest solutions related to work processes, staffing, organizational and consumer behavior(psychology of work);
2. Identify problems, propose solutions and provide assistance to people involved in the process of education(Psychology of Education);
3. Independently conduct research and analysis projects (Research module).
4. Upon finishing the masters program in psychology students are expected to be able to independently participate in and con-

duct scientific and professional tasks in various areas of the economy, health care and education and other areas, based on knowledge, understanding and skills applied in an ethical manner.

Admission requirements

Completed undergraduate study in art history (240 ECTS) or equivalent undergraduate art history four year program, according to the conditions and statutes of the University and Faculty; students that have completed another undergraduate program must take a differential exam in accordance with masters program and University rules.

Contact

Head of the study program:
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Pedagogy

at Faculty of Philosophy, 18-20 Čika Ljubina, 11000 Belgrade, www.f.bg.ac.rs

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

Study program content

The purpose of the masters study program in pedagogy is to train students to work in nuanced, professional jobs in various spheres of pedagogical work and to provide them with basic abilities required for scientific research.

The academic masters in pedagogy, which consists of a system of elective and required courses, provides a thorough and holistic outlook on exploration of theoretical and methodological knowledge and addresses relevant questions in the field of education and pedagogical practice. Students are trained for practical pedagogical work as well as research in the field of pedagogy.

The program fosters pedagogical thinking, by honing analytical skills and providing graduate candidates with scientific, professional and practical knowledge for innovative and professional work in the field of pedagogy. Upon graduation, students will also be prepared for doctoral studies.

Study program goals

The goals of the graduate program in pedagogy are:

- Mastering the system of knowledge in the pedagogical sciences and sister disciplines;
- To provide an introduction to various theoretical approaches in pedagogy, systems of formal and informal education, ideas and steps to develop the educational practice and system;
- To understand contemporary trends and tendencies of development in pedagogical ideas, theories and concepts;
- The ability to critically evaluate the educational system and its theoretical foundations;
- The ability to question various dimensions and interpretations of the relationship between theory and practice in education; -
- To understand different epistemological foundations for pedagogical research and to conceptualize and realize different types of research as applicable to the specific issue being addressed;
- The ability to identify, expound on and solve practical problems in the area of education; -
- The ability to develop and evaluate programs; to effectively participate in the practice of education by providing professional assistance and support to children, students, teachers and assistants in conceptualizing, organizing and implementing educational work;
- Developing a professional approach for working with other professionals in the field involved in various elements of pedagogical work; the ability to practically apply knowledge, work creatively with complex issues part of the practice of pedagogy and critically assess and develop educational work.

Study program outcomes

Upon completion of the masters in pedagogy program graduates will:

- Have a developed system of knowledge of the field of pedagogical sciences and be familiar with contemporary achievements in the development of pedagogical ideas, theories and concepts;
- Understand various epistemological-methodological approaches, their positive aspects, boundaries and adequacy considering the nature of the issue at hand;
- Critically evaluate contemporary pedagogical theory and elaborate on its implications for the practice of education;
- Be prepared for applying theoretical knowledge in constructive problem solving and development of educational practice on the basis of continued analysis and following of the state of the science;
- Be able to independently identify problems in the pedagogical sciences and practice and implement research and development in that area.

Admission requirements

Completed undergraduate study in art history (240 ECTS) or equivalent undergraduate art history four year program, according to the conditions and statutes of the University and Faculty; students that have completed another undergraduate program must take a differential exam in accordance with masters program and University rules.

Contact

Head of the study program:
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Sociology

at Faculty of Philosophy, 18-20 Čika Ljubina, 11000 Belgrade, www.f.bg.ac.rs

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

Study program content

The masters studies program in Sociology aims to equip and prepare students for independent professional work in a scientific and research environment in various fields of study in sociology. The academic masters in sociology, which consists of a system of elective and required courses, provides a thorough and holistic exploration of theory and methodology and thus enables students to work in those scientific areas through applied research projects. The program fosters critical assessment of social processes, by honing analytical skills and providing graduate candidates with scientific, professional and practical knowledge for innovative and professional work in various spheres of the social world. Upon graduation, students will also be prepared for doctoral studies.

Study program goals

The goals of the graduate program in sociology are:

- To acquire a broad holistic foundation of theoretical and methodological knowledge in various areas of sociology and of its interaction with related disciplines;
- The ability to critically assess social phenomena through theoretical analysis and operative conclusions;
- The ability to design, conceptualize and implement scientific and applied research through projects in various areas of sociology;
- Acquiring relevant scientific, professional and practical knowledge for professional and innovative work as graduates of the masters program in various arenas of the social world; to be prepared for further doctoral studies.

Study program outcomes

Upon completion of the masters in sociology program graduates will have mastered knowledge and skills for indecent research work in various fields of sociological study. Students will be trained to critically analyze issues, conduct operational research and propose possible outcomes and change(practical measures, solutions) in certain areas of social study. The acquired skills and knowledge will qualify students for working in scientific projects and applied research. Students will be capable of completing high-level professional jobs in the fields of academia-education, scientific institutions for social research, cultural institutions in the private and public sector, government administration and services, media, public and market research groups, consulting agencies, etc.

Admission requirements

Completed undergraduate study in sociology (240 ECTS) or equivalent undergraduate sociology four year program, according to the conditions and statutes of the University and Faculty; students that have completed another undergraduate program must take a differential exam in accordance with masters program and University rules.

Contact

Head of the study program:
Prof. Dr. Mina Petrović
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Faculty of Philology

Serbian Literature

at Faculty of Philology, 3 Studentski trg, 11000 Belgrade, www.fil.bg.ac.rs

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

Study program content

Master studies in Serbian Literature provide students with new theoretical, practical and professional knowledge in Serbian literature, comparative literature and methodology, thus developing their competence for performing various jobs within the field. Studies last two semesters. In the first, students choose five courses. All courses are one semester long and conceived as scientific advancement of undergraduate studies. Studies last two semesters: the first one is with teaching classes, which are obligatory for the students, ending with an exam. In the second semester, a Master Thesis is written by each student, and defended at the diploma exam, with grades given in accordance with the exam rules proposed by the Statute of the Faculty of Philology.

Teaching methods: lectures, tutorials, seminars, consultations, discussions, oral presentations, research work and independent work under mentor's supervision.

Study program goals

Serbian Literature study program has following goals:

- Enhancement of knowledge acquired at undergraduate studies, in the field of Serbian literature, comparative literature and methodology of teaching, as well as enablement of master students for scientific and research work in the field of literature and methodology of literary science;
- Enrichment and application of the acquired knowledge in the field of Serbian literature, history, contemporariness, perspectives of development and relations with other literatures;
- Affirmation of values of Serbian Literature as national and cultural wealth of highest importance;
- Enabling of students for studying and assessment of values that integrate Serbian literature and culture within cultural space of the Balkans and Europe.

Study program outcomes

Students of master program in Serbian literature will acquire the following competences:

- Scientific and professional knowledge which gives the ability to interpret the phenomena, authors and works from Serbian literature and its comparative framework
- Broader scientific and methodological knowledge, providing students with the ability to apply the most topical achievements of literary science and methodology in their research work, and in the teaching of Serbian literature and language
- Ability for professional and educational work on both school levels, in accordance with the most contemporary achievements of methodology and with the demands in teaching Serbian literature and language
- Knowledge necessary for further education at Ph.D. level

Admission requirements

Graduate diploma in relevant academic studies and 240 ECTS. Students who graduated at the Faculty of Philology, University of Belgrade, will have an advancement.

Contact

Head of the study program:
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Serbian Language

at Faculty of Philology, 3 Studentski trg, 11000 Belgrade, www.fil.bg.ac.rs

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

Study program content

Master studies in Serbian Language provide students with new theoretical, practical and professional knowledge, enabling them to do various jobs within the field. Studies last two semesters.

In the first semester, students choose five courses, which are one semester long and conceived as scientific advancement of undergraduate studies. Teaching classes, which are obligatory, end with an exam.

In the second semester, a Master Thesis is written by each student, and defended at the diploma exam, with grades given in accordance with the exam rules proposed by the Statute of the Faculty of Philology. Teaching methods include lectures, tutorials, seminars, consultations, discussions, oral presentations, research work and independent (diploma) work under mentor's supervision.

Study program goals

Accomplishment of master study program is the final stage in the professional, scientific and practical enablement of students of Serbian Language and Literature.

Master studies provide an insight into theoretical views of contemporary linguistics, as well as into methodological approach in the fundamental areas of science about Serbian language.

Through practical tutorials, the students are enabled to apply such knowledge in their scientific and professional dealing with Serbian language. During the work within master program, students are provided with necessary theoretical and practical knowledge necessary for further education on corresponding European universities.

Modules

Serbian philology, Serbian language – theory and practice, Serbian as a foreign language

Study program outcomes

After the accomplishment of the study program, depending upon the chosen module, the students will be enabled to critically approach the organization of Serbian language teaching in schools and to continually advance their professional competence within the field; to teach Serbian as a foreign language to the learners and students with various levels of starting knowledge, in accordance with contemporary achievements or, in other words, to perform the jobs of Serbian language lecturers at foreign universities; to independently perform scientific explorations of certain levels, from the definition of problems and creation of theoretical and methodological framework, to the writing of work and presentation of results. In addition to that, the students will acquire competences necessary for further education on Ph.D. studies.

Admission requirements

Graduate diploma in relevant academic studies and 240 ECTS. Students who graduated at the Faculty of Philology, University of Belgrade, will have an advancement.

Contact

Head of the study program:
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Language, Literature, Culture

at Faculty of Philology, 3 Studentski trg, 11000 Belgrade, www.fil.bg.ac.rs

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

Study program content

Master studies in Language, Literature, Culture last two semesters. All courses are one semester long, except Academic Writing course. During the first semester, the students are obliged to attend the classes, which end with an exam. In the second semester, students perform research work and write their Master Theses.

Master Thesis is defended at the diploma exam, with grades given in accordance with the exam rules proposed by the Statute of the Faculty of Philology.

ECTS value of each course is defined in accordance with European Credit Transfer and Accumulation.

Teaching methods include lectures, tutorials, seminars, consultations, discussions, oral presentations, research work, work under mentor's supervision, and methodological practice.

Study program goals

Study program Language, Literature, Culture has following goals:

- Education of professionals in the field of humanistic sciences, enabled for performing jobs in the fields of education, media, librarianship and culture
- Education of professionals capable of performing highly professional (complex) jobs in the fields of education, publishing, translation, librarianship, librarian information technology and culture, as well as in the other fields requiring knowledge of foreign languages, literatures and cultures
- Enabling of master students for scientific research work in the field of language, literature, culture, librarianship and information technology

Study program outcomes

Students of Language, Literature, Culture master program will have following competences:

- Developed professional knowledge and skill for performing jobs of considerable importance for the society, as well as for further education on Ph.D. Studies
- Reliable theoretical and methodological knowledge in the field of language, literature and culture, as well as the ability of its application in scientific research work
- Knowledge and understanding of history, contemporariness and perspectives of development of scientific disciplines in the fields of language, literature and culture
- Knowledge and understanding of structural and other connections between individual languages and other languages
- Ability of comparative analysis of different languages, literatures and specific cultural properties of various national environments

Admission requirements

Graduate diploma in relevant academic studies and 240 ECTS. Students who graduated at the Faculty of Philology, University of Belgrade, will have an advancement.

Contact

Head of the study program:
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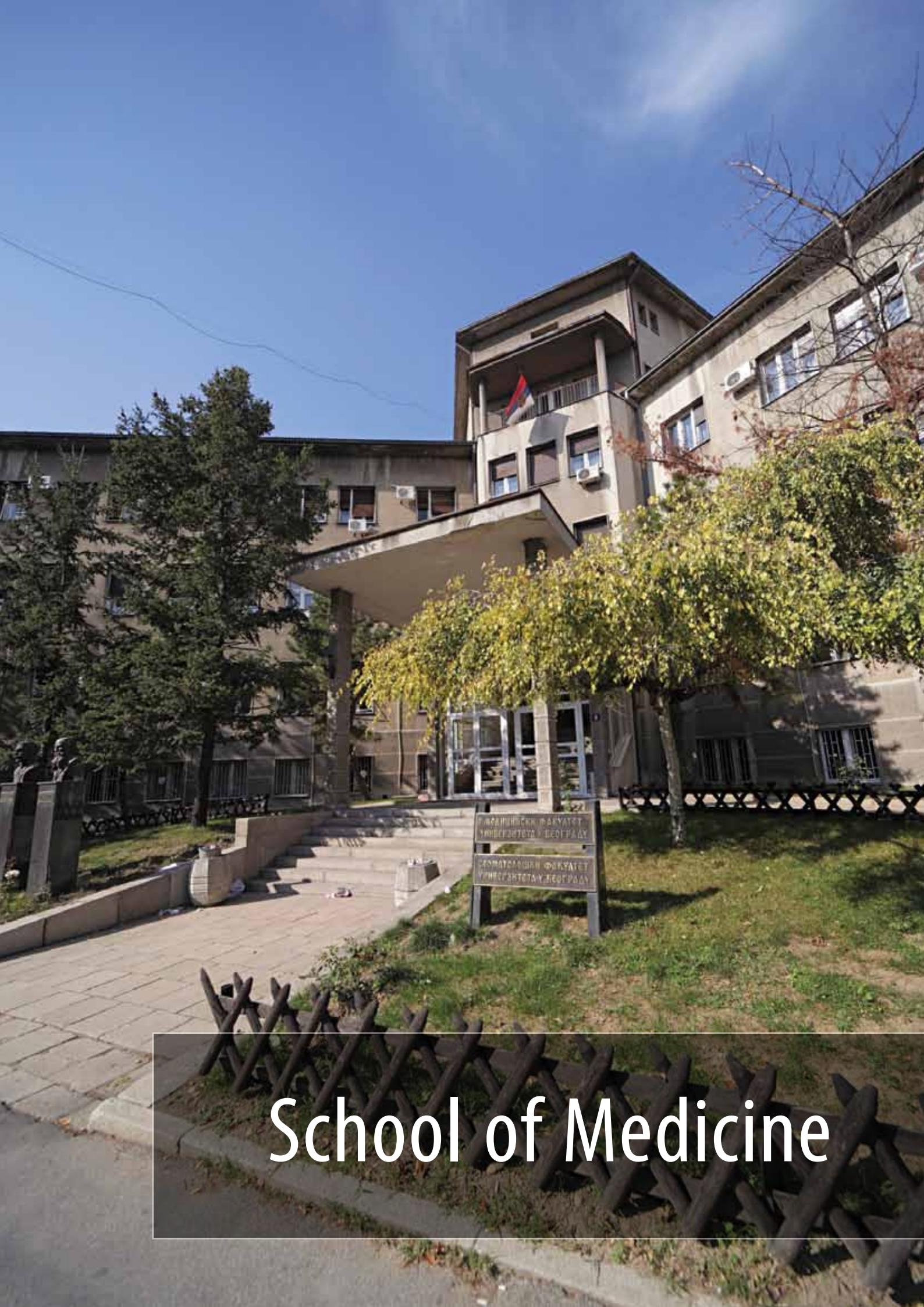

School of Medicine

Medical Nurse

at School of Medicine, 8 Doktora Subotića , 11000 Belgrade, www.med.bg.ac.rs

ECTS: 120/ LANGUAGE OF INSTRUCTION: SERBIAN/ DEGREE: MASTER

Study program content

Nurse Master studies are organized in the border areas of medicine and train students who initially have a different academic profile to effectively communicate and work in interdisciplinary and multidisciplinary environment or teams.

Study program consists of activities organized in the compulsory courses that enable the acquisition of knowledge specific to a particular course and elective courses that provide knowledge in areas not covered by the program of study with which the student entered the master studies, and which are important for understanding the context of the entire program.

Study program consists of 9 subjects (6 ECTS each) with a total of 54 ECTS and five elective courses from 10 offered, which carry a total of 25 points. The student is required to carry out the practical work during the planned curriculum for each subject in institutions which have been determined for practical classes in this study program.

Study program goals

Recognizing the need for professionals who posses highly developed generic and specific skills, Faculty of Medicine, University of Belgrade organizes academic master of second degree in order to provide quality education and effective category for the new educational profile of master nurse and develop opportunities to educate sister staff through the third cycle - doctoral studies.

The main objective of the master academic studies is training of competent professionals in the field of health care and nursing organizations which will obtain the knowledge and skills in the field of research in nursing, research and improvement of acute and chronic health problems in different population groups and for different organizational levels.

Study program outcomes

The outcome of the study program is the education of competent professionals in the field of health care and nursing organizations which will obtain the knowledge and skills in the field of research in nursing, research and improvement of acute and chronic health problems in different population groups and for different organizational levels.

Admission requirements

Condition to enter a study program of graduated nurse are the previously achieved at least 240 ECTS acquired from an accredited institution in the field of medical science: graduate nurse, organizer of the health care field of special education and rehabilitation (the therapist).

Contact

Head of the study program:
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Health Policy and Management

at School of Medicine, 8 Doktora Subotića , 11000 Belgrade, www.med.bg.ac.rs

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

Study program content

Health Policy and Management master studies are organized in the border areas of medicine and train students who initially have a different academic profile to communicate effectively and work in interdisciplinary and multidisciplinary environment.

Master studies in health policy and management contain two modules: public health management programs and health care management services which the students choose after completion of 6 compulsory subjects which is the same for students of both modules (total 36 ECTS). Each module has four optional courses (total 16 ECTS). Final exam carries 2 ECTS, and the final work brings 10 ECTS, which all together makes 60 ECTS. A student completes master academic studies in Health Policy and Management by public defense of original final paper..

Study program goals

The main objective of this study program is the training of competent professionals in the field of public health and clinical disciplines that will have the knowledge and skills in the field of health policy and management..

Study program outcomes

Students should adopt basic knowledge in access to health policies, processes, policy analysis, formulation and its development as an application. Students will gain knowledge and skills of comparing international and national health policies, their scope and limitations as well as policy development with the skills of negotiation and advocacy.

Being able to interpret the primary effects of the implementation of health policies and to use evidence-based approach in their evaluation. Specific competencies will allow them in the process of dynamic development of information and communication technologies, when necessary given ongoing review of the functionality of information system of public health, be active participants.

Upon completion of the master of academic studies in health policy and management students are able to formulate and implement health policy and application process management health care organizations and health programs.

Modules

Management of public health programs and health services management.

Admission requirements

Condition to entry study program are previously achieved 240 ECTS at appropriate basic academic studies.

Contact

Head of the study program:
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Public Health

at School of Medicine, School of Public Health and Health Management, 8 Doktora Subotića , 11000 Belgrade, www.med.bg.ac.rs, www.sph.med.bg.ac.rs

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

Study program content

Master of Public Health, as academic program, is organized within border-line fields of medicine and students who initially has different academic profiles obtain competencies for efficient communication and work in interdisciplinary and multidisciplinary environment.

Master of Public Health is composed from obligatory and elective modules with 60 ECTS points in total. Set of obligatory modules is the same for all students and has 8 modules with 40 points of ECTS. After obligatory modules students have to select 3 elective modules (in total 15 points) out of 14, which are offered. The final seminar work has 5 ECTS, all together 60 points of ECTS. Master of Public Health academic program is completed by defending the final seminar work in public.

Study program goals

The main goal of MPH program is to prepare competent professionals in the broad field of public health who will have knowledge and skills necessary for implementation of public health functions, including research of health determinants and health problems, development of public health policy and legislation, system of public health and management, health promotion and prevention, developing, implementing and evaluating population health strategies.

Study program outcomes

Students are educated to accept the general competencies in public health within core domains of knowledge and skills. After they have completed they will be able to monitor the health status of population; apply basic research skills to specific public health problems, including the skills of problem-definition, posing and testing hypothesis, drawing conclusions and their interpretation; demonstrate the skills of health promotion and application of public health knowledge in the context of current public health challenges in different settings including working environment, through application of concepts, principles and methods learned at the Master of Public Health; identify and research the present and future public health challenges, participate in the process of decision-making, formulating, and implementing public health policies, recognize characteristics of health management.

Manage health programs, including strategic approaches through priority settings. Establishing goals, outcome objectives, activities, evaluation and budgeting, critically evaluate programs and interventions, which relate to the public health practice, and follow new emerging issues in public health such as public health genomics, or global health.

Modules

Obligatory modules:

- Basics of public health (6 points of ECTS),
- Biostatistics in public health (7 points of ECTS),
- Epidemiology in public health (7 points of ECTS),
- Environmental health (3 points of ECTS),
- Working environment and health (3 points of ECTS),
- Health care systems and management (7 points of ECTS),
- Health promotion (7 points of ECTS).

Elective modules:

- Public health policy and management (5 points of ECTS),
- Health economics (5 points of ECTS),
- Epidemiology of the major health disorders (5 points of ECTS),
- Measuring the health status and health needs of population (5 points of ECTS),
- Children and youth health promotion and health care (5 points of ECTS),
- Health marketing, communication and team work (5 points of ECTS),
- Nutrition and health (5 points of ECTS),
- Evaluation of public health programs (5 points of ECTS),
- Health technology assessment (5 points of ECTS),
- Total quality management (5 points of ECTS),

- Public health legislation (5 points of ECTS),
- Management of drugs (5 points of ECTS),
- Disaster management (5 points of ECTS),
- Public health informatics (5 points of ECTS).

Admission requirements

Prerequisites for enrolment in Master of Public Health is academic degree completed in the field of medicine, law, economy, organization, philosophy and other disciplines with minimum 240 points of ECTS. Knowledge of English. Computer literacy.

Contact

Head of the study program:
Prof. Dr. Vesna Bjegović-Mikanović
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Management of the Health Care System

at School of Medicine, 8 Doktora Subotića , 11000 Belgrade, www.med.bg.ac.rs

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

Study program content

Master Academic Studies in Management of the Health Care System comprise compulsory and elective courses with a total of 60 credits of the European Credit Transfer System (ECTS).

A set of compulsory subjects is the same for all students, and consists of seven subjects with a total of 35 ECTS credits. After completion of compulsory subjects, students are opting for four electives (total 20 points) of the proposed 13 subjects.

Final written paper carries 5 ECTS credits, which all together makes 60 credits ECTS. A student completes Master Academic Studies in Management of the Health Care System by public defense of final original paper.

In addition to theoretical training, following teaching methods will be represented during these studies:

- Interactive presentations with the lectures with questions asked during lectures, active students' participation, visual aids and printed materials, discussion in small groups as an active process in which students share ideas, thoughts, questions and answers in the presence of teachers who promotes discussion.
- Verbal and electronic consultations.
- Case studies which use realistic scenarios in the field of management of the health care system and focusing on specific topics and issues; students read these case studies, and make reports after the individual work or work in small groups. Testing by an essay - paper submitted in written form and then orally presented -the goal of this part of tuition is to challenge students' abilities to organize and express their own ideas about the perceived problems of management in health institutions and health care system in general.

Study program goals

The main objective of the master academic studies is to educate capable managers who will be able to lead and manage change and reorganization of a complex system of health care, to think strategically, work efficiently, maximize existing resources and thus contribute to the improvement of health services and the entire health care system.

Study program outcomes

Students will acquire the necessary knowledge and skills for change management, development of health facilities, financing the health system, teamwork and continuous quality improvement skills. Students will obtain skills of strategic management of complex health systems and institutions in a surrounding of changing, limited resources and high expectations, and master the basic principles of management - leadership, assessment, communication, evaluation, planning, analytical approach and their application in practice.

By the end of master academic studies in management of the health care system, students will adopt a systemic approach to research, analysis and evaluation of performance of the national health system and be able to conduct a comparative analysis of health systems with regard to funding and service delivery. Students will also gain knowledge and skills of comparing international and national health policies, their scope and limitations as well as policy development with the skills of negotiation and advocacy.

They will learn to manage changes in the health care system, manage the conflicts in health care institutions, to implement quality control services provided.

They will acquire the necessary knowledge in order to make financial plans and budgets, how to manage projects and learn the importance of using data to improve performance and service quality in the health care system.

Admission requirements

Condition to enter master academic studies of management of the health care system is previously acquired at least 240 ECTS credits at undergraduate studies or B.A. degree in the field of health professions, law, economics, organizational, political and philosophical sciences and more.

Contact

Head of the study program:
Prof. Dr. Vladimir Bumbaširevic,
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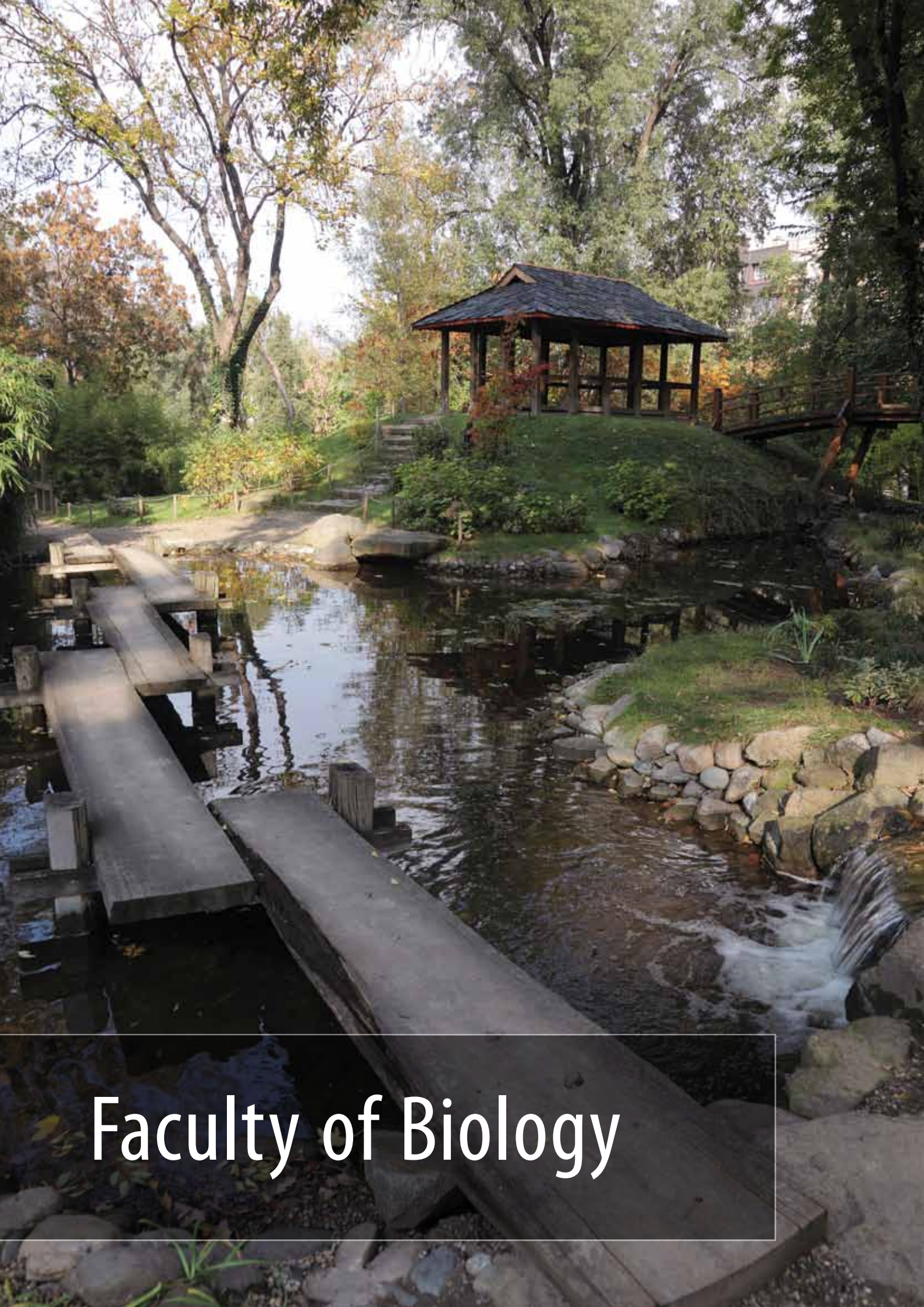

Faculty of Biology

Biology

at Faculty of Biology, 16 Studentski trg, 11000 Belgrade, www.bio.bg.ac.rs

ECTS: 120/ LANGUAGE OF INSTRUCTION: SERBIAN/ DEGREE: MASTER BIOLOGIST

Study program content

The Master degree program of academic study of Biology is a 120 ECTS two-year academic program, dedicated to education and training of students for scientific and research and for professional work in the fields of biology and biology teaching.

Upon completion of the degree program, students acquire the academic title of Master biologist and have integrated the knowledge necessary for scientific research, professional and teaching-educational work in the sciences, education, industry, agriculture, medicine, etc..

The study program has a Biology research module and a module Professor of biology, focused on the acquisition of additional pedagogical and methodological knowledge and skills required in biology teaching in primary and secondary education. Both modules have a large number of elective courses common to all students.

The Professor of biology module provides for professional practice in primary and secondary schools. The study program is carried out through various forms of theoretical and practical instruction (lectures, exercises, laboratory exercises), field work, study and research work, seminars, colloquia, exams. Different types of independent activities of students are recognized through free credits built into the curriculum.

The program envisages a student masters dissertation, upon successful defense of which, the student acquires the rights provided by law for completion of master studies.

Study program goals

The aim of the Biology master degree program of academic study is a highly professional staff that has a complete academic education in biology, as well as specific competencies necessary for teaching and pedagogical and scientific research work in the selected specific field of biology, according to the chosen submodule.

Modules

Biology and Professor of biology.

Study program outcomes

By completing the Biology master degree program of academic study, a student obtains the following general capabilities:

- Analysis and synthesis of knowledge about the structure, organization and function of biological systems at the level of molecules, cells, individuals, populations;
- Mastering the complex and specific methods and processes of research in biology;
- Development of critical thinking and self-critical thinking about biological concepts and approaches to understanding biological phenomena;
- Application of acquired knowledge in biology research and teaching practice;
- Development of professional skills, communication skills and responsibilities, individual and team work.

Admission requirements

Anyone who has completed the appropriate basic academic studies and has achieved 180 ECTS is eligible to enroll.

Contact

Head of the study program:
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Ecology

at Faculty of Biology, 16 Studentski trg, 11000 Belgrade, www.bio.bg.ac.rs

ECTS: 120/ LANGUAGE OF INSTRUCTION: SERBIAN/ DEGREE: MASTER ECOLOGIST

Study program content

The Master degree program of academic study of Ecology is a 120 ECTS two-year academic program, dedicated to education and training of students for scientific and research and for professional work in the fields of ecology and environmental protection. Upon completion of the degree program, students acquire the academic title of Master ecologist and have integrated the knowledge necessary for scientific research and professional work in science, commerce, industry, agriculture, forestry, nature protection and other areas. The study program has two modules: Ecology and Environment, which consist of common compulsory courses that provide basic knowledge about ecology as a whole, subject-specific modules and elective courses common to all students. Among the elective courses offered are courses linking ecological aspects of environmental protection with technological, legal, economic aspects and so on. The study program is carried out through various forms of theoretical and practical instruction (lectures, exercises, laboratory exercises), field work, study and research work, seminars, professional and research projects, conferences and education. The program envisages a student masters dissertation, upon successful defense of which, the student acquires the rights provided by law for completion of master studies.

Study program goals

The aim of the Ecology master degree program of academic study is a highly professional staff that has a complete academic education in the field of ecology, as well as specific competencies necessary to work in certain specific areas, according to the chosen modules.

Modules

Ecology and Environmental protection.

Study program outcomes

By completing the Ecology master degree program of academic study, a student obtains the following general capabilities: - analysis and synthesis of knowledge about the structure, organization and function of biological systems, especially at the level of populations and ecosystems; - mastering the complex and specific methods and processes of research in ecology, - development of critical thinking on biological concepts and approaches to issues of environmental phenomena and environmental protection; - application of acquired knowledge in practice; - development of professional skills, communication skills and responsibilities, individual and team work in a multidisciplinary environment; - established views of bioethics.

Admission requirements

Anyone who has completed the appropriate basic academic studies and has achieved 180 ECTS is eligible to enroll.

Contact

Head of the study program:
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Molecular Biology and Physiology

at Faculty of Biology, 16 Studentski trg, 11000 Belgrade, www.bio.bg.ac.rs

ECTS: 120/ LANGUAGE OF INSTRUCTION: SERBIAN/ DEGREE: MASTER

Study program content

The Master degree program of academic study of Molecular biology and physiology is a 120 ECTS the two-year academic program, dedicated to education and training of students for scientific and research and professional work in the field of molecular biology and physiology. Upon completion of the Molecular Biology and Physiology degree program, students acquire the academic title of Master Biology - molecular biologist and physiologist, and have integrated the knowledge necessary for scientific research and professional work in biological sciences, in medicine, pharmacy, biotechnology and other areas. The degree program has four modules: Experimental Medicine, Neurobiology, Human Molecular Genetics and Genetic Engineering and Biotechnology, and consists of common compulsory courses that provide basic knowledge in molecular biology and physiology in general, subject-specific modules and elective courses common to all students. The study program is carried out through various forms of theoretical and practical instruction (lectures, exercises, laboratory exercises) study research, seminars, professional and research projects, conferences and education. The program envisages a student masters dissertation, upon successful defense of which, the student acquires the rights provided by law for completion of master studies.

Study program goals

The aim of the Molecular biology and physiology master degree program of academic study is the education of highly qualified personnel who have a complete academic education and integrated knowledge and understanding of the molecular biological and physiological aspects of biology, as well as specific competencies necessary to work in certain specific areas, according to the chosen modules .

Modules

Experimental biomedicine, neurobiology, human molecular genetics and genetic engineering and biotechnology.

Study program outcomes

By completing the Master degree program of academic study, the biology student obtains the following general capabilities: - analysis and synthesis of knowledge about the structure, organization and function of biological systems at the level of molecules, cells, individuals, populations; - mastering the complex and specific methods and processes of research in molecular biology and physiology ; - the development of critical thinking about biological concepts and molecular-biological and physiological approaches to understanding biological phenomena; - apply and test knowledge gained through molecular-biological and physiological approaches to solving current challenges of modern civilization; - the development of professional skills, communication skills and responsibility, independence and teamwork in a multidisciplinary environment; - well-developed views of bioethics.

Admission requirements

Anyone who has completed the appropriate basic academic studies and has achieved 180 ECTS is eligible to enroll.

Contact

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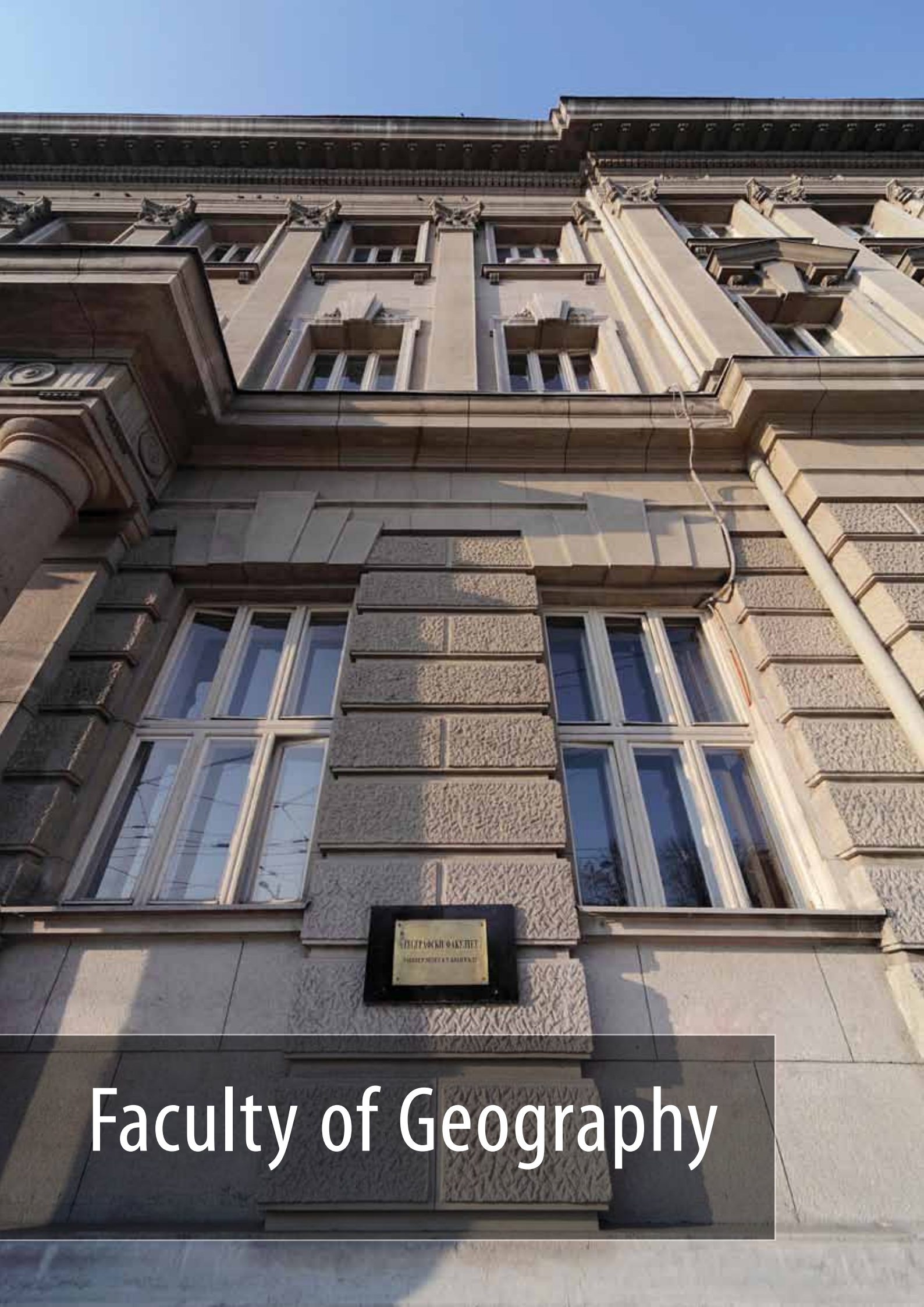

Faculty of Geography

Tourism

at Faculty of Geography, 3 Studentski trg / III, 11000 Belgrade, www.gef.bg.ac.rs

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

Study program content

Education of graduate tourism managers through a Master program of study 'Tourism' is of special significance since it releases specialists in tourism capable of conducting complex expert activities within the tourism industry. These activities demand analytical, interpretative and correlative skills so that various elements (geospatial, ecological, sociocultural, economic, business, political, etc.) can be integrated into a single entity. The balance between theoretical and practical knowledge achieved through various scientific, theoretical, methodological and practically applicable subjects, provides Tourism Master graduates with broad education and training needed for performing specialized and demanding tasks in the tourism industry.

Through this program, graduate tourism managers are prepared for: urban planning of tourist destinations, creating and managing tourism development programs and projects in various environments, conducting analytical, expert, organizational and promotional activities, as well as managing tourism enterprises, government bodies, state, regional and local tourist organizations. Moreover, master graduates have the opportunity to continue their education at doctoral studies and proceed with improving acquired knowledge through devoting themselves to scientific research in the field of tourism.

Study program goals

Goals of the Tourism Master program are:

- Acquiring complex knowledge concerning the principles and methods of market evaluation of natural and anthropogenic tourism values;
- Detailed introduction to the structure, functional characteristics and objectives of the hotel and hospitality activities, as the basis of tourism industry;
- Studying the specifics of tourism market;
- Providing knowledge about techniques and skills needed for the integration of tourism into a general context of the economic development of broader regional environments;
- Mastering the skills of spatial harmonization of tourism and other industries that are developed within the same areas;
- Introducing the most important methods and techniques of tourist destination management, by which heterogenic and often conflicting interests of the tourism industry, tourists and local residents are brought into optimal and actual harmony.

Study program outcomes

Outcomes of the Tourism Master program:

- Acquiring the knowledge necessary to understand the techniques and skills of integrating tourism into a general context of the economic development of broader regional environments;
- Acquiring the skills needed for the spatial harmonization of tourism and other industries that are developed within the same areas, as well as for the overcoming of potential conflicts between the tourism industry and other industries which claim the same resources within the common areas;
- Introducing the most important methods and techniques of tourist destination management, by which heterogenic and often conflicting interests of the tourism industry, tourists and local residents are brought into optimal and actual harmony;
- Acquiring fundamental knowledge about the most favorable opportunities for integrating Serbia into the Balkans, European and world tourism trends;
- Introducing the most important principles and guidelines for conceiving the concept of sustainable development of the cultural tourism in our country;
- Acquiring the capacity to value the process of acculturation both qualitatively and quantitatively as the process through which cultures of foreign tourists and local residents are mixed and merged in various tourist destinations;
- Acquiring the capacity to perceive and manage the elements of the complex tourism system based on reciprocal relations between tourism needs, trends, space and consumption;

- Acquiring the necessary scope of knowledge needed for continuation of education at the doctoral studies and dedication to scientific research in the field of tourism.

Admission requirements

Applicants who have graduated from the corresponding four year institutions are eligible to apply for the Master program in Tourism.

Contact

Head of the study program:
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Geography

at Faculty of Geography, 3 Studentski trg / III, 11000 Belgrade, www.gef.bg.ac.rs

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

Study program content

The aim of the Master program of study 'Geography' is to provide students with the additional contemporary scientific knowledge that is compliant with the European standards and educational practices. Students are educated to think creatively and logically, to apply contemporary theoretical and methodological approaches to research in the field of geography, to read relevant scientific literature, to understand and solve complex geographical problems, to apply and present the data obtained, etc. The aim of this program of study is to train a graduate master student for jobs in various state or private institutions, which conduct geographical or multidisciplinary research in which a specialist of this kind can become a member of a team. Furthermore, the aim of this program of study is to provide students with the knowledge in physical, social and regional geography and cartography necessary for further scientific research at a higher level - doctoral studies.

Study program goals

Goals of the Geography Master program are:

1. Forming the fundamental and specific theoretical and applicative geographical knowledge;
2. Forming the skills necessary to plan and organize field and experimental laboratory research, as well as to plan educational excursions and field research;
3. Training students to become completely capable of studying geography as a science and providing them with broader knowledge in the courses they have selected.

Study program outcomes

Upon successful completion of the Master program of study, a graduate master student in Geography will form the following competences:

- Capacity to understand the aims of studying geography at different educational levels;
- Capacity to study geography as a science through a selection of compulsory and elective courses at this program of study;
- Capacity to select appropriate literature or other sources of information, to suggest necessary corrections in the literature written for or used by students or to prepare the necessary printed material for their self study;
- Capacity to initiate expert interaction through posing appropriate questions and providing examples, with the aim of acquiring knowledge, to involve students in discussion, to encourage them to present and argue their opinions and views, as well as to provide students with appropriate feedback;
- Capacity to select teaching methods and materials thus motivating students to study geography, as well as to demonstrate the importance of the geographic science in everyday life and various professions;
- Capacity to follow the students' educational progress, to select appropriate ways and instruments for students' knowledge and skills evaluation, to organize and administer evaluation and to provide students with appropriate feedback.

Admission requirements

Applicants who have graduated from the corresponding four year institutions are eligible to apply for the Master program in Tourism.

Contact

Head of the study program:
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Geospatial and Environmental Science

at Faculty of Geography, 3 Studentski trg / III, 11000 Belgrade, www.gef.bg.ac.rs

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

Study program content

Education of master students in Geospatial and Environmental Science is of utmost importance since they will become capable of contributing to the intensive development of this science through individual contributions and application of contemporary approaches. The balance between theoretical and applicative knowledge which is acquired in various geospatial and relating fundamental academic disciplines, enables a master student in Geospatial and Environmental Science as a specialist, broad knowledge that can be practically applied. Through this program, master students in Geospatial and Environmental Science are trained to work on various practical tasks, acquiring the fundamental knowledge necessary for the scientific and professional activities at higher levels of studies. During this course of studies, a master student in Geospatial and Environmental Science is trained for the analytic and synthetic observation and the real application of the acquired knowledge and skills with the aim of solving various complex questions of environmental planning, organization, managing and development.

Study program goals

Goals of the Geospatial and Environmental Science Master program are:

1. Forming the fundamental and applicative knowledge about environmental monitoring and auditing, as well as the environmental method - its potential in the synthesis and integration of facts and ideas connected to the research of real complex environmental systems;
2. Acquiring of a methodological concept of planning, programming and realizing sustainable development program, as well as training of candidates for both individual and team work for performing research on the influence on the environment;
3. Training master students in Geospatial and Environmental Science for general (global), specific (regional) and individual (geospheric) research of environmental problems and relationships;
4. Training master students in Geospatial and Environmental Science for jobs in educational, expert, scientific, research and other institutions;
5. Acquiring skills and capabilities for creative thinking, reading and selection of relevant scientific and professional literature, understanding and solving complex environmental problems, presenting and application of the data obtained;
6. Organizing field and experimental laboratory research, as well as other activities needed for monitoring, evaluating, planning and programming environmental protection;
7. Forming skills necessary for knowledge transfer and targeting various groups concerned with the environmental protection, development and organization;
8. Training master students in Geospatial and Environmental Science for critical assessment of their own knowledge and performed activities at the local, regional, national and global level concerning the protection and development of the environment.

Study program outcomes

Outcomes of the Geospatial and Environmental Science Master program are:

- Acquiring general and specific knowledge and skills necessary for scientific and professional performance at the highest quality within the field of environmental science;
- Acquiring capacities to apply knowledge about geospatial aspects of the environment while planning, creating and realizing various programs;
- Acquiring capacity to apply procedural knowledge and skills necessary for selection, creation and realization of the field and laboratory research, as well as selection of methodology appropriate for the specific research needs;
- Developing understanding of the current environmental problems;
- Developing capacity for critical monitoring

and assessment of one's own practical experience and conceiving activities through which it can be improved.

Admission requirements

Applicants who have graduated from the corresponding four year institutions are eligible to apply for the Master program in Geospatial and Environmental Science.

Contact

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Demography

at Faculty of Geography, 3 Studentski trg / III, 11000 Belgrade, www.gef.bg.ac.rs

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

Study program content

Demographic issues are among the most topical and the most complex issues through which rules and regulations of social development are studied. Any further development and prosperity of a society depends on the demographic potentials and resources. This means that their qualitative improvement is a catalyst for social advancement. Development of demographic studies is of general social interest. Therefore, it is important to educate future specialists who will be able to observe and analyze competently demographic conditions and processes, to find appropriate solutions for current demographic issues, to develop a system of measures for enhancement of positive demographic development, as well as to apply their knowledge in planning future socioeconomic and spatial development. The balance between theoretical and practical knowledge, which is acquired during the course of studies in demography, with the correlating scientific disciplines, provides demographers with broad knowledge.
The course of study in Demography provides a modern and multidisciplinary context of population survey. It supports analytic, systematic and creative way of thinking as well as the application of knowledge. The basic course of study prepares students for the scientific research at the higher levels of education whose outcome is the theoretical and methodological enhancement of demography.

Study program goals

Goals of the Demography Master program are:

1. Forming the fundamental and applicative demographic knowledge, together with a set of correlating specific disciplines which are all needed for the analysis and study of population; research and explanation of the mass demographic occurrences that are of special significance for the development of any society; description of the interaction and influence between population on one hand and environmental, social, economic and regional development; role of humans in creating and changing the geospatial reality;
2. Forming the skills necessary for planning, organizing and realizing field, survey and other kinds of population study, as well as the skills needed for the statistical observation, for suggesting methodological solutions in population censuses, vital and migrational statistical studies, for suggesting guidelines for their standardization and harmonization;
3. Forming of knowledge and attitudes concerning political actions about the issue of childbearing, as well as those concerning the issues relevant for health promotion; implementation of the migratory policies and political solutions for the aging of population; training for the planning and defining of the measures of population policies in Serbia;
4. Training for the application of various techniques and methods of population calculation or of certain categories of population;
5. Training of experts - demographers for critical evaluation of the demographic situation and demographic resources, and action planning for the change in attitudes when issues of childbearing, health and migrations are concerned.

Study program outcomes

Outcomes of the Demography Master program:

- Ability to apply demographic knowledge in all domains of observation, analysis and examination of human resources and potentials (population, family and household studies) conducted in various research institutions, statistics agencies and organizations involved in social development, insurance, etc;
- Ability to critically observe population, family and household changes registered by the municipal records' offices, statistics agencies and insurance companies;
- Ability to apply demographic knowledge for the urban, spatial, regional and economic planning;
- Ability to apply demographic knowledge

and skills necessary for selection, organization and administration of population surveys, field research, market research, workforce, employment, etc; conceiving the programs for statistical data presentations;
- Ability to select contents and methods of population survey within different domains and various issues (interview, questionnaire, etc);

Admission requirements

Applicants who have graduated from the corresponding four year institutions are eligible to apply for the Master program in Demography.

Contact

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Urban Planning

at Faculty of Geography, 3 Studentski trg / III, 11000 Belgrade, www.gef.bg.ac.rs

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

Study program content

Education of specialists - master students in Urban Planning through the master course 'Urban Planning' is of utmost importance since they will become capable of contributing to the intensive development of this science, corresponding administrative skills and important social activities through individual contributions and application of contemporary approaches. The balance between theoretical and applicative knowledge which is acquired in various scientific urban planning disciplines and relating fundamental academic disciplines, provides a master student in Urban Planning with broad education.

Through this program, master students in Urban Planning are trained to work in state and local government bodies, as well as in professional institutions and companies. They acquire fundamental knowledge necessary for the scientific and professional activities at higher levels of studies. During this course of study, a master student in Urban Planning is trained for monitoring and realization of all developmental programs throughout the European Union, as well as corresponding strategic actions on the territory of Serbia approved by its government bodies at all levels of decision-making.

Study program goals

Goals of the Urban Planning Master program are:

1. Acquiring fundamental and applicative knowledge in the multidisciplinary field of urban planning - natural, economic, social and environmental bases for planning and decision-making processes on development and urban planning;
2. Designing plans, research studies and other scientific and specialized papers proposed by the law, bilateral conventions, ratified European documents in the field of urban planning and development, as well as scientific research papers for international projects;
3. Acquiring appropriate administrative knowledge skills necessary for the fulfillment of urban planning legal procedure: arranging a plan, designing of programs and specialized studies; analogue and digital mapping and presentation of the proposed solutions through the use of GIS; conceiving general urban planning documents - draft and proposal of the plan; active participation in decision-making processes according to the priority in urban planning development; contacts with population - participation in public discussion on structure and contents of urban plans; programs, measures and instruments needed for the plan realization; revision of plans; issuing of corresponding urban, technical and other conditions necessary for the continual urban planning and development;
4. Training of experts- urban planners for the critical evaluation of their own practices and conceiving activities for the enhancement of their targeted achievements realized through the processes of creation and realization of urban planning.

Study program outcomes

Outcomes of the Urban Planning Master program:

- Ability to apply urban planning knowledge in the process of strategic urban planning solution and priority definition;
- Ability to apply procedural knowledge and skills necessary for selection, conceiving and performing field, analytic and synthetic research with the aim of defining optimal location for building various structures and systems in certain areas;
- Ability to define goals; ability to define structure, content and methods necessary for plan realization in accordance with the determined goals;
- Ability to instigate various kinds of interaction between urban planning participants in order to contribute to reaching a consensus on the priorities of urban planning;
- Ability to supply appropriate infrastructure and service businesses in a particular area;
- Ability to communicate with colleagues and

local communities in order to obtain general agreement for the realization of urban planning and development.

Admission requirements

Applicants who have graduated from the corresponding four year institutions are eligible to apply for the Master program in Urban Planning.

Contact

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Faculty of Mathematics

Mathematics

at Faculty of Mathematics, 16 Studentski trg, 11000 Belgrade, www.matf.bg.ac.rs

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

Study program content

This program lasts two semesters and covers 60 ECTS.

The program consists of compulsory and elective courses specific for a certain module: Theoretical Mathematics and Applications; Professor of Mathematics and Computer Science; Computer Science and Informatics; Statistics, Actuarial and Financial Mathematics; Applied Mathematics.

There is a number of active teaching classes, more than 20 hours per week, planned for these one-semester compulsory and elective courses.

The number of active teaching lessons led by teachers, theoretical exercises, research and practicum led by associates and the number of ECTS define each course. Study program provides practice in almost all cases. Each course is determined by the way of teaching as well as by the way of continuous evaluation. Due to the complexity of content and distribution of various forms of teaching and in order to overcome the anticipated content, 1 ESPB = 12 hours of student's work is the basis for calculating the number of points in each course and the total number of points in an academic program.

Study program goals

- To acquire knowledge in mathematics and applied mathematics, especially from the content relevant to the selected module. Each curriculum determines the type and quality of knowledge and in the development of each curriculum we have complied complex criteria that take into account the logical connection between the contents, the mathematical tradition, our and foreign universities' experience, the existing teaching staff and social needs.
- To gain skills such as: solving the tasks that deepen their knowledge, applying knowledge in new situations, perform and carry out various tasks on computers, training of students in elementary and secondary schools, statistical data processing, mathematical modeling and working in financial institutions and industry.
- To improve general education and to adopt general cultural skills relevant for the profession, such as the ability to use literature and collecting information over the Internet, data processing, drafting texts and modern electronic presentations on mother tongue or foreign language and in the logical connection and linguistically correct way to represent scientific or professional activities.
- To develop curiosity and logical, analytical and synthetic, inductive-deductive and abstract thinking that is very important in mathematics.
- To develop general and professional skills.
- To build professional and ethical attitudes and develop critical thinking.
- To prepare for further education at higher levels of study and education throughout life for inclusion in the scientific-research work in scientific institutions, educational and development institutions, as well as in other industries.

Modules

- Professor of Mathematics and Computer Science
- Theoretical Mathematics and Applications
- Applied Mathematics
- Statistics, Actuarial and Financial mathematics
- Computer Science and Informatics

Study program outcomes

Mastering the curriculum of this academic program student obtains the following general and specific skills:

- Governs concepts and principles of the fields of mathematics and related disciplines: computer science, statistics, celestial mechanics etc. that the program covers,
- Can make the optimal choice of literature for solving specific problems, to obtain a solution to process and report results using the computer and apply their knowledge in practice,
- Knows how to teach mathematics in primary and secondary schools in accordance with the regulations,
- Knows how to think critically about phenomena related to their profession, critically

examines and analyzes the facts, assembles the results that occur in an understandable manner using modern forms of processing and presenting results,
- Knows how to present the results to domestic as well as to international public in an understandable way and to spread knowledge to others,
- Knows how to respect the ethical principles of the profession,
- To be capable for further research.

Admission requirements

Candidates who have completed the appropriate undergraduate academic studies to the extent of 240 ECTS are entitled to enroll.

Contact

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Informatics

at Faculty of Mathematics, 16 Studentski trg, 11000 Belgrade, www.matf.bg.ac.rs

ECTS: 120/ LANGUAGE OF INSTRUCTION: SERBIAN/ DEGREE: MASTER

Study program content

This academic program lasts 4 semesters and covers 120 ECTS.

After graduation the student receives the academic title of master of computer sciences. Program consists of one-semester compulsory and elective courses with more than 20 hours of active teaching per week.

The number of active teaching led by teachers, theoretical and practical exercises led by associates and the number of ECTS define each course. This program provides exercise for all courses. It ends up with a final paper that covers 20 ECTS.

Study program goals

The main aims of this program are to enable students to acquire knowledge and to apply the acquired knowledge in business, education and development institutions and prepare them for further education at higher levels and training throughout life.

The program enables students to work in mathematics and computer science and related fields within the industry, development and scientific institutions and educational institutions or other activities.

This program provides students with general skills and enables them to use professional literature, think critically and analyze facts and to shape results in an understandable way. Finally, the program provides a foundation for further education for inclusion in the research work in a wide range of natural and technological sciences.

Raising awareness among students about the need of continuing education and development of skills and knowledge for presenting the results to professional and general public are also objectives of this academic program.

Study program outcomes

Acquiring the Master degree program of Computer Science students receive general ability:

- To govern concepts and principles in computer science covered by the program,
- To make the optimal choice of literature for solving specific problems, calculate, simulate, process and present results using the computer and to apply their knowledge in practice,
- To think critically about phenomena related to their profession, critically examine and analyze the facts, assemble the results that occur, in an understandable manner.

Admission requirements

Persons who have completed the appropriate undergraduate academic studies to the extent of 180 ECTS are entitled enroll this program.

Contact

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Astronomy and Astrophysics

at Faculty of Mathematics, 16 Studentski trg, 11000 Belgrade, www.matf.bg.ac.rs

ECTS: 120/ LANGUAGE OF INSTRUCTION: SERBIAN/ DEGREE: MASTER

Study program content

The academic program Astronomy and astrophysics lasts 2 semesters and covers 60 ECTS. The academic program consists of one-semester compulsory and elective courses and classes with more than 20 hours of active teaching per week. The number of active lessons led by teachers, theoretical and experimental exercises led by associates and the number of ECTS define each course. This program provides practice in almost all courses, with a significant number of experimental activities, and in the few cases, a special kind of exercises specific for astronomical purposes - astronomical observations.

Students perform exercises (observations) independently and they arrange the results by using computer processing of results. The way of teaching as well as the way of continuous evaluation is determined for each course. Due to the complexity of content and distribution of various forms of teaching and in order to overcome the anticipated content, 1 ESPB = 30 hours of students' work is the basis for calculating the number of points in each individual case and the total number of points in an academic program. Academic program consists of compulsory and elective courses and practical work in the professional astronomical observatories at home and abroad, which is defined by the contents of several courses in this program.

Study program goals

The main objectives of this program are to enable students to acquire knowledge and skills and to enable them to apply the acquired knowledge in a specific field of astronomy and astrophysics in scientific, educational and development institutions and to prepare them for further education at higher levels of study and education throughout the life.

The concept of the program is that the acquired knowledge and skills enable students to work in the field of astronomy and astrophysics and related fields within scientific institutions or the educational and development institutions and other activities. The aim of this program is to provide students with general and specific abilities and skills, including mastery of concepts and principles in all areas covered by the program as well as the relevant parts of related sciences - mathematics, physics, computer science, chemistry, biology and archeology; to enable them to use literature, to calculate, simulate, process and present their results, think critically and analyze facts, shape results in an understandable manner using modern forms of processing and demonstrating results; to perceive the importance of ethical principles in science, to gain a routine in the application of astronomical methods and techniques in theoretical and experimental fields of astronomical, astrophysical, physical, chemical, biological, archaeological computer and other systems and to interpret their conditions, structure and processes at the level of elementary particles to the Universe as a whole.

An important aspect is to master the theoretical principles of astronomical and astrophysical methods, which provides a creative use of modern equipment for astronomical observations based on modern optics, electronics and automation and to efficiently maintenance equipment, to keep it in working order. Finally, the program provides a foundation for further education for inclusion in the research and scientific work in a wide range of natural and technological sciences.

Modules

Astronomy and Astrophysics

Study program outcomes

Mastering the curriculum of astronomy and astrophysics a student obtains the general ability:

- To handle concepts and principles of the fields of astronomy and astrophysics and related sciences - mathematics, physics, computer science, covered by the program;
- To make the optimal choice of literature to solve specific astronomical problems, calculate, simulate, process and present results using the computer and to apply acquired knowledge in practice;
- To critically think about phenomena related to their profession, critically examine and

analyze the facts, assemble the results, that occur, in an understandable manner using modern forms of processing and presenting results;
- To present results to both domestic and international public in an understandable way and to spread knowledge to others;
- To respect the ethical principles of the profession.

Through this program, a student obtains the following specific competencies:

- To have a routine in the application of astronomical methods and techniques in the fields of theoretical and experimental astronomical, physical, chemical, biological, archaeological, computer and other systems and to interpret their conditions, structure and processes at the micro and macro levels;
- To use instrumental analysis methods, such as photometric, spectroscopic, polarimetric and radio astronomy, in the practice;
- To take a creative view at the possibility of using modern equipment for astronomical measurements, for nonspecific use, and effectively maintain the equipment, to keep it in working order;
- To teach astronomy, astrophysics, physics and related subjects in higher education institutions and schools in accordance with the regulations.

Admission requirements

Candidates who have completed the appropriate undergraduate academic studies to the extent of 240 ECTS are entitled to enroll.

Contact

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Faculty of Physics

Theoretical and Experimental Physics

at Faculty of Physics, 12 Studentski trg, Belgrade, http://147.91.68.190/Engleski/index_Eng.html

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

Study program content

The purpose of the studies is that students improve their education choosing one of the special topics of modern physics, and also to introduce students in the research work and prepare them for doctoral studies.

Through individual work with mentors in the research study work, students obtain the necessary initial practical skills (problem definition, literature search) to develop and present a master work of the selected problems of modern physics. This gives them an idea of the selected scientific area, and their abilities and preferences for the chosen topic, so they will be able to decide on the continuation of PhD studies and the selection of the specific scientific area. Students educated on this program received the necessary skills for their knowledge improvement in the country or abroad.

Study program goals

The study program goal is to give students the high quality and modern knowledge according to international standards. Equally important is that students take the first step in research, develop their creativity, specific skills and educational abilities, as well as basic knowledge about the organization of research and teamwork.

Graduate students of this profile will significantly contribute to the development of physics and other sciences and technologies in Serbia. Therefore it will be a contribution to the development of entire society and to the growing involvement of Serbian science in international scientific and technological projects.

Study program outcomes

After completion of this degree program students are trained for both individual and team research. They gain experience in dealing with contemporary theoretical and experimental techniques. They are able to present the results of their work to colleagues both orally and in the form of paper. Special attention is paid to the development of communication skills and presentation of scientific results in English. The students expand their knowledge of certain specific scientific fields and therefore are able to solve scientific and technical problems by using theoretical, experimental and numerical methods. They are able to use their knowledge in other sciences, especially in interdisciplinary sciences.

Admission requirements

Requirement for this degree program is previously completed studies of the total volume of at least 240 ECTS in natural or technical sciences. Admission committee may require passing special exams to lead the student on the required level.

Contact

Head of the study program:
Doc. Dr. Ivan Dojčinović
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Contact e-mail: ivbi@ff.bg.ac.rs

Applied and Computer Physics

at Faculty of Physics, 12 Studentski trg, Belgrade, http://147.91.68.190/Engleski/index_Eng.html

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

Study program content

The study program has a load of 60 ECTS credits and consists of election courses (25 ECTS), study research (15 ECTS credits) and thesis (20 ECTS credits). A student chooses the course he didn't pass at the undergraduate level.

Through individual work with the supervisor a student is learning to be independent in his research. The methods of teaching are lectures, laboratory exercises, theoretical exercises and seminars.

Through laboratory exercises a student has some independence in using modern equipment and appliances. Faculty of Physics offers the students the most modern instruments for training.

Classes are held in small groups of students and the individual (mentor) work. Working methods are adapted to the number of students (consultations, seminars, etc.).

Study program goals

The primary goal of the studies is to develop professionals with a high level of fundamental and applied knowledge in various fields of physics, applied and computer physics, with the master degree recognized by all European institutions. These studies also develop professionals that will be able to find suitable employment or to pursue doctoral studies in physics or related disciplines.

Study program outcomes

After completion of this degree program students will be trained to perform all phases of research within the scientific and technological projects. They will gain experience in working with modern instruments used in research laboratories. Students will be able to independently apply complex chemical protocols and will be familiar with using computers in all phases of research. They will be able to present the results of their work at scientific meetings. After completion of this degree program students will expand their knowledge in various fields of applied and computer physics and they will develop skills for solving technological and scientific problems by using various physical and computational methods. They will be able to work independently in physical laboratories of different application profiles and purposes (research and development, quality control, standardization, process monitoring, etc.). They will acquire their knowledge and skills needed to solve complex measurement, technological and experimental tasks in industry and energy and in research laboratories. Students will be able to work within a team, research a problem, present it to the master work, and to orally defend their work.

Admission requirements

Requirement for this degree program is previously completed studies of the total volume of at least 240 ECTS in natural or technical sciences. Admission committee may require passing special exams to lead the student on the required level.

Contact

Head of the study program:
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Meteorology

at Faculty of Physics, 12 Studentski trg, Belgrade, http://147.91.68.190/Engleski/index_Eng.html

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

Study program content

The purpose of the study of meteorology is passing additional knowledge to the students as defined in the objectives of this program. Meteorology is a profession that has been getting on the importance in recent years all over the world, more and more so because of the global warming of the atmosphere and climate change. This study program is entirely monitoring this world trends. Meteorological courses are well designed and incorporate the latest knowledge necessary for this science.

Study program goals

The study program goal is to train students to think creatively, to monitor relevant scientific literature and the Internet, to understand and solve complex meteorological problems, to apply and present the results. The purpose of this study program is to enable experts to work in the research institutions. Also, the purpose of this study program is to provide students with skills that are necessary in continuing doing scientific research through doctoral studies.

Study program outcomes

After completion of this degree program students have the advanced knowledge in meteorology which will enable them to do the scientific research. They are trained for analytical and creative thinking and to monitor the literature and newspapers in the area, which is necessary for participating in scientific research through doctoral studies. Special attention is given to the autonomy of their work, their presentation and IT skills. The courses on this program are based on the modern meteorology with new technologies, so that the program prepares students for technological applications and work on technology transfer.

Admission requirements

Requirement for this degree program is previously completed studies of the total volume of at least 240 ECTS in natural or technical sciences. Admission committee may require passing special exams to lead the student on the required level.

Contact

Head of the study program:
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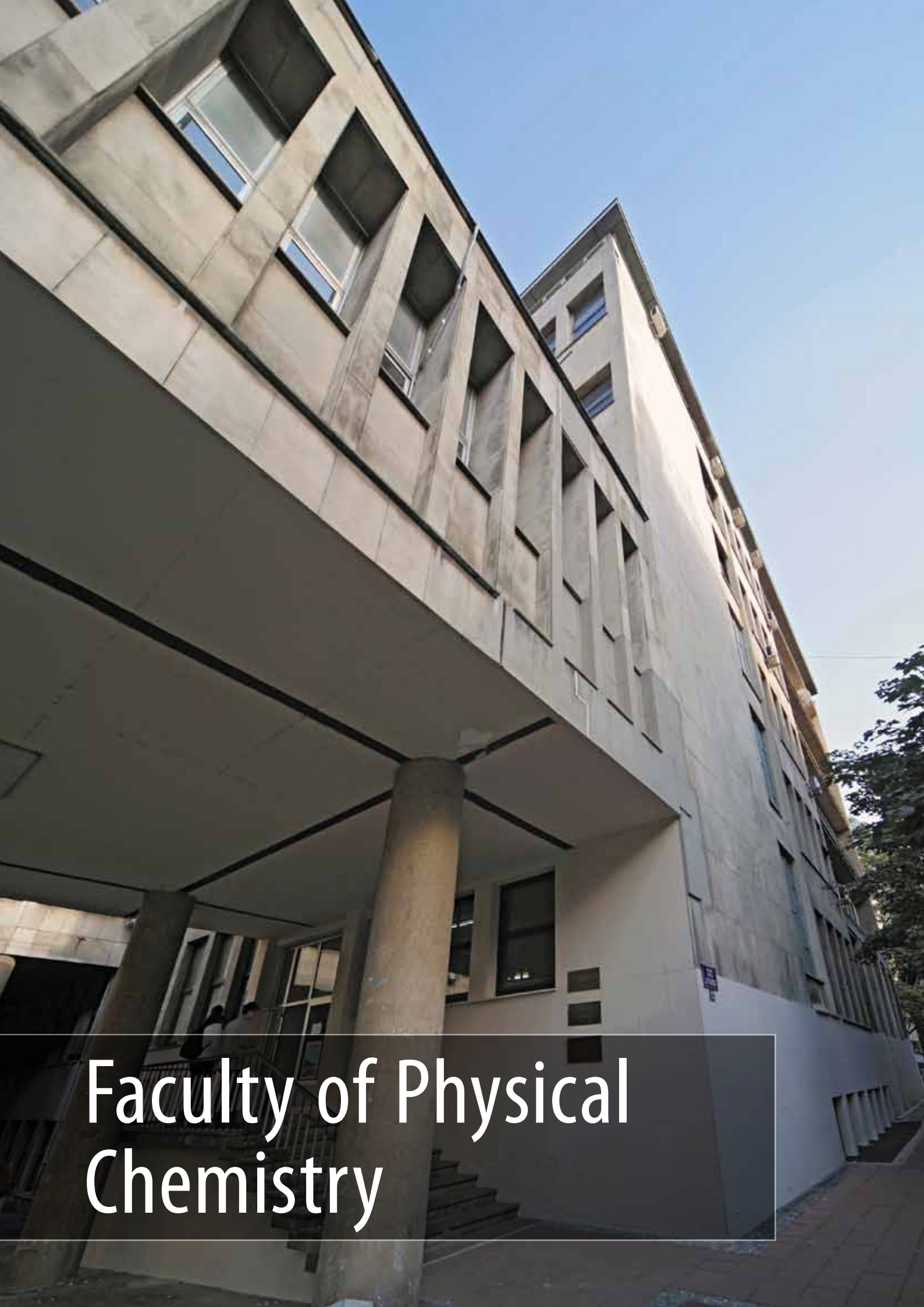

Faculty of Physical Chemistry

Physical Chemistry

at Faculty of Physical Chemistry, 12 Studentski trg–16, 11000 Belgrade, www.ffh.bg.ac.rs

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

Study program content

Master study program in Physical Chemistry lasts two semesters; upon completion, it is equivalent to 60 ECTS points. Realization of master program is accomplished through lectures, laboratory work and research work.

Program consists of a mandatory course on methods and methodology of investigation in physical chemistry. Optional courses account for 85 % of overall ECTS points and are grouped into six areas: spectrochemistry, electrochemistry and chemical kinetics, biophysical chemistry, environmental physical chemistry, physical chemistry of materials and radiochemistry. Students are working on their master thesis during both semesters.

Study program goals

The aim of the master study program in Physical Chemistry is to broaden students' understanding of the key concepts in Physical Chemistry and thus allow them to better comprehend specific areas of Physical Chemistry. Students will be trained to independently plan and execute experiments, understand the importance of obtained results and properly discuss them.

During master program, students are expected to become more independent and expand their creative abilities. Students develop their abilities to apply and adapt scientific methodologies in order to solve particular problems. Students will be exposed to different instrumental techniques such are: chromatography (gas, liquid, ionic, gel permeation, capillary electro chromatography, etc.), spectroscopy (atomic emission, absorption, IR, Raman, NMR, EPR, mass, x-ray, fluorescent, etc.), electrochemical analysis methods, electronic microscopy, thermal analysis and radiochemical methods.

Study program outcomes

Master students in Physical Chemistry will attain extended and deeper knowledge in one of the following areas of physical chemistry: spectrochemistry, electrochemistry and chemical kinetics, biophysical chemistry, environmental physical chemistry, physical chemistry of materials and radiochemistry. Accomplishment of master study program will make the graduate eligible for employment at all positions where required degree is BSc in Physical Chemistry, but also at higher education institutions as well as research institutions oriented towards naturals sciences and development.

Graduates of the master program in Physical Chemistry can continue education at the PhD level.

Admission requirements

Candidates must have 240 ECTS and completed undergraduate academic study programs in the field of physical chemistry or related sciences.

Contact

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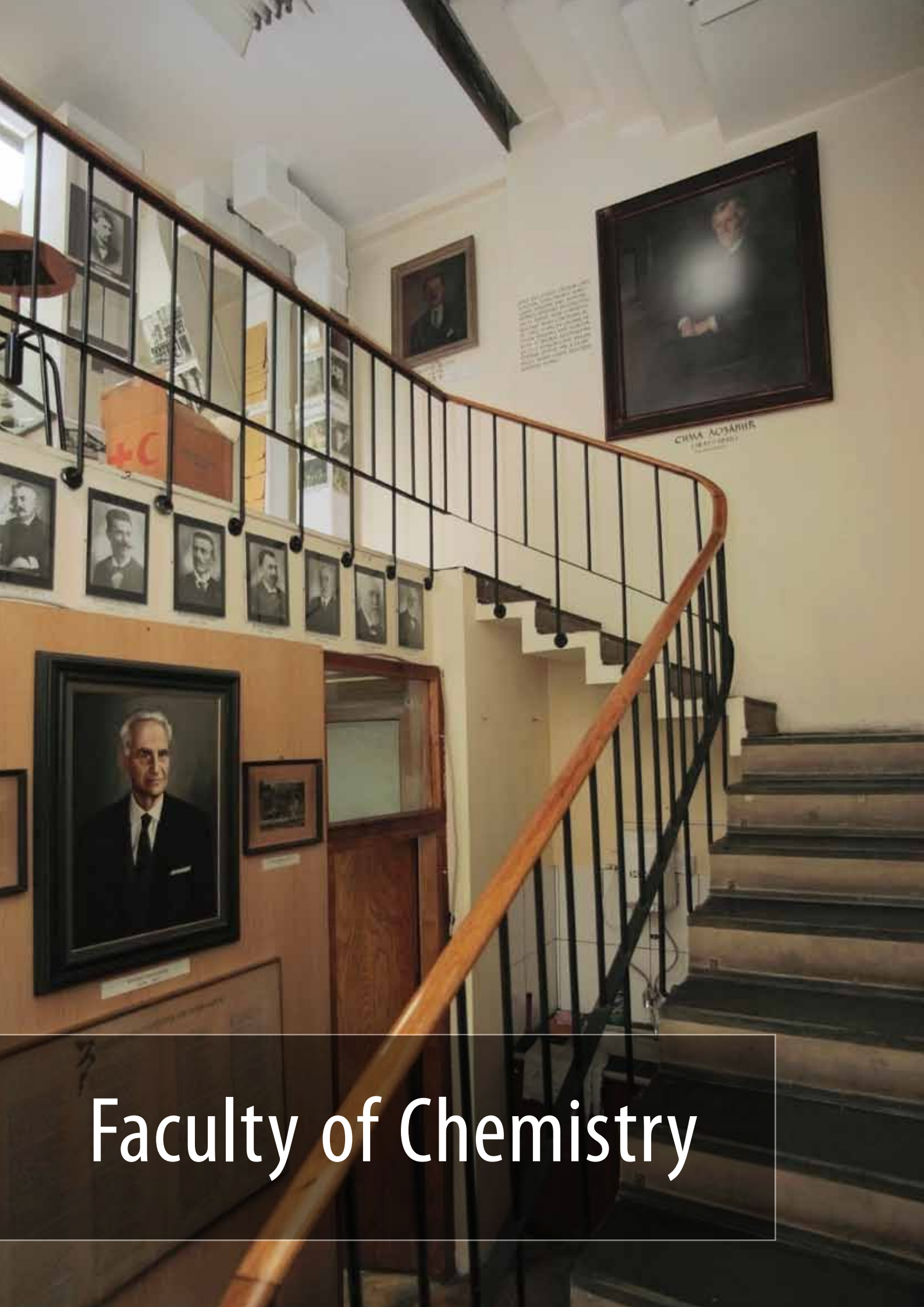

Faculty of Chemistry

Chemistry

at Faculty of Chemistry, 12-16 Studentski Trg, 11000 Belgrade, www.chem.bg.ac.rs

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

Study program content

Study program of master academic studies in Chemistry has the workload of 60 ECTS credits and includes elective courses (25 ECTS credits), research work (15 ECTS credits) and a master's thesis (20 ECTS credits).

Within the scope of elective courses student can choose courses which they have not attended during their basic studies and/or advanced courses of the basic courses. Through individual work with a supervisor, students are guided, within research work and writing a master's thesis, towards independent research work.

Study program goals

The primary goal of this study program is to educate experts with high level of fundamental and applied knowledge in various areas of chemistry, whose master's degree (along with the bachelor degree) will be recognized/accepted by all European institutions and which will enable students to find appropriate employment or to continue their doctoral studies in chemistry or related disciplines at Serbian or some other European universities.

Study program outcomes

Students will be able to conduct, within teamwork (but independently as well), all the phases of the research part of a research (scientific) project. They will gain experience in working with modern instruments which are used in research laboratories. Students will be able to independently apply complex chemical protocols and they will be familiar with the application of computers in all phases of research work. They will be able to present the results of their work at scientific conferences both orally and in writing. By completing these studies, students will broaden their knowledge of various areas of chemistry and develop their ability to solve scientific and professional problems by applying analytical and computational methods. They will be able to work independently in chemical laboratories of different kinds and purposes (research and development, quality control, standardization, monitoring processes, etc.). They will acquire knowledge and skills needed when working with real, complex samples and they will develop the ability to study literature and to present the collected data in a critical way. They will gain experience in independent work with modern instruments, as well as the appropriate laboratory practice. Students will be able to analyze the research problem within teamwork, present it within their master thesis, as well as to orally present and discuss their thesis.

Admission requirements

The appropriate higher education with the total workload of 240 ECTS is required for the admission to the study program of master academic studies in Chemistry.

Contact

Head of the study program:
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Biochemistry

at Faculty of Chemistry, 12-16 Studentski Trg, 11000 Belgrade, www.chem.bg.ac.rs

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

Study program content

Study program of master academic studies in Biochemistry has a workload of 60 ECTS credits and includes required (12 ECTS credits) and elective (8 ECTS credits) courses, studious research work (20 ECTS credits) and a master's thesis (20 ECTS credits).

Required courses are Bioinformatics and Contemporary Biochemical Methods, and within the elective courses students can choose courses which they have not attended during their basic studies (Biochemistry and Physiology of Plants) and/or advanced courses of basic courses in biochemistry, chemistry or biology.

Students will be guided towards research work, especially through individual work with a supervisor within studious research work and through writing a master's thesis. Instruction is conducted through individual (supervised) work with students or through work with small groups of students. Teaching methods are adequately adapted (consultations, term papers, elaborating papers from original scientific literature). The accent is on experimental work with the elements of research work which is mainly done in teams in research (instructional) laboratories. Extensive use of computers is planned in all aspects of teaching.

Study program goals

The primary goal of this study program is to enable students to acquire a master's degree which (along with bachelor's degree) will be recognized/accepted by all European institutions and which will enable students to find appropriate employment or to continue their doctoral studies in biochemistry or related disciplines at Serbian or other European universities.

Study program outcomes

Students will be able to conduct within teamwork (but independently as well) all stages of the research part of a research (scientific) project. They will gain experience in working with up-to-date instruments which are used in biochemical research laboratories.

Students will be able to independently apply complex biochemical protocols and they will be familiar with bioinformatics and with the application of computers in all stages of research work. They will be able to present the results of their work at scientific conferences both orally and in writing.

Students will broaden and deepen their knowledge of biochemical, chemical and biological disciplines, develop their ability to solve scientific and professional problems in the area of biochemistry by applying analytical and computational methods, they will deepen the knowledge and improve the skills needed for working with biological material and experimental animals, they will develop their ability to study literature and present literature data in a critical way, they will acquire specific experimental skills, gain experience in independent work with modern instruments, broaden and deepen their laboratory practice (safety at work, working with pathological material), they will improve on keeping laboratory records, as well as improve their numerical skills (biochemical calculations), they will be able to analyze a research problem within teamwork, present it within a master's thesis and present and discuss the thesis orally.

Admission requirements

The appropriate higher education with the total workload of 240 ECTS is required for the admission to the study program of master academic studies in Biochemistry.

Contact

Head of the study program:
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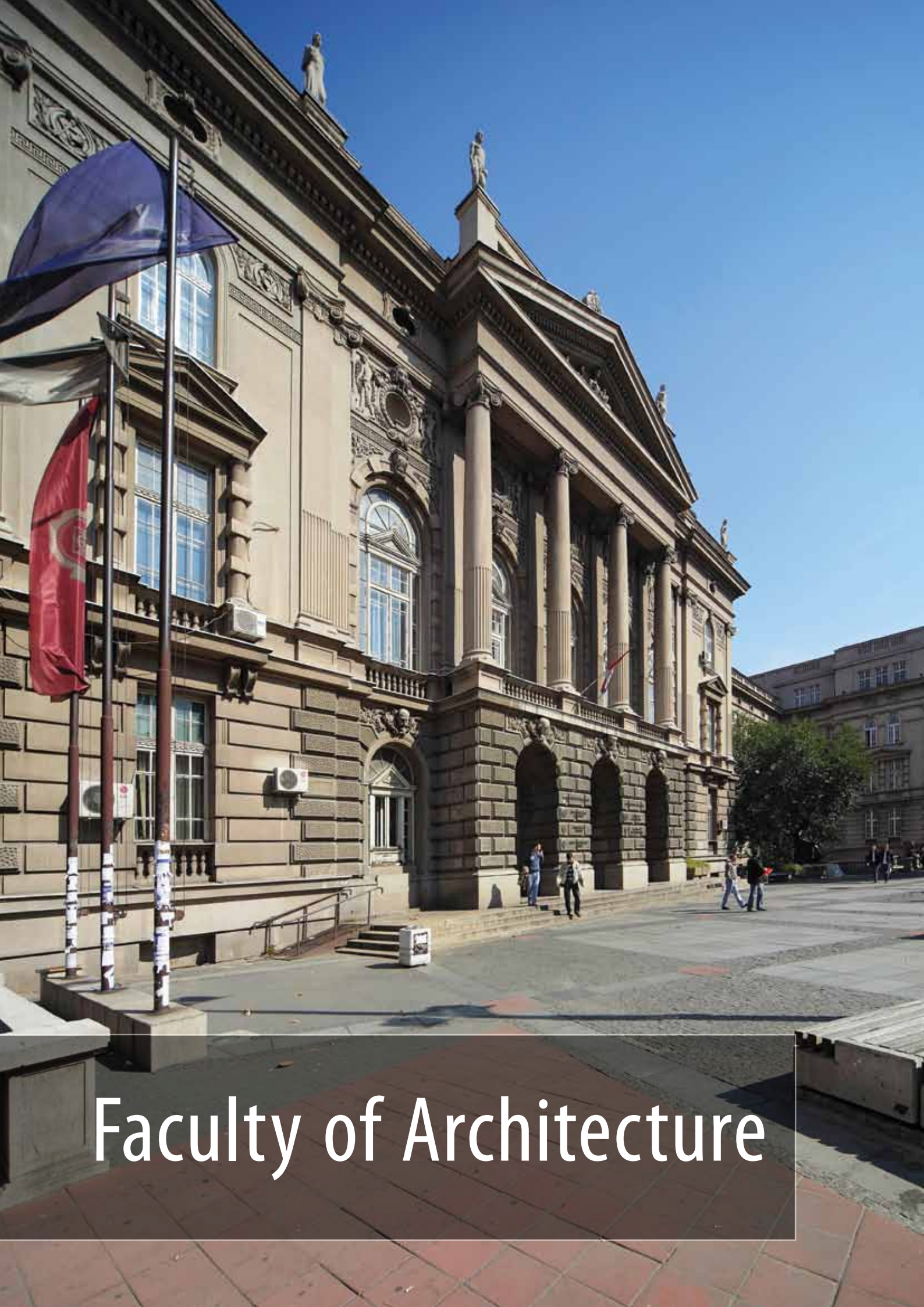
Telephone: +381 333 66 08
Contact e-mail: tcirkov@chem.bg.ac.rs



Faculty of Architecture

Architecture

at Faculty of Architecture, 73/II Bulevar kralja Aleksandra, 11000 Belgrade, www.arh.bg.ac.rs

ECTS: 120/ LANGUAGE OF INSTRUCTION: SERBIAN/ DEGREE: MASTER

Study program content

Master degree program is concepted to include and conciliate the fields of technical and technological sciences and art and social sciences and humanities. Direction lines are A / Architecture, U/ Urban planning and urbanism and AT/ Architectural Technology.

The studies are based on the studio-driven method which emphasis the teaching within studio design work, through which students individually or in group would have gained necessary knowledge, skills and competencies working on specific project.

Studio design consists of two parts: practical, which includes work on defined terms of reference and theoretical, which consists of seminars with specific theoretical content that is necessary for the project.

The unity of practical and theoretical is supposed to reflect on the final master project that contain theoretical / master thesis and practical / architectural and urban design project.

Classes are conducted by different methods, through lectures, short exercises, research and design studio, seminars, consultations, educational and scientific and artistic work, professional training, independent study and research, as well as other forms of educational and scientific work.

Study program goals

The main objectives are:

- Students learn to develop and apply scientific, professional and artistic achievements in the fields of architecture, urban planning and architectural technology,
- The acquisition of professional qualifications (input for a license) in the field of urban and regional planning, architectural and urban design, implementation and building realization,
- Acquiring the opportunity to continue education at doctoral studies in the fields of architecture, urban planning or related scientific and artistic fields.

Study program outcomes

The outcome of the learning process is the acquisition of appropriate knowledge, skills and competencies, as well as professional qualification that allow independent and responsible practicing and interfering in the architectural profession, in accordance with national and EU regulations.

Modules

During the second and third semesters students choose one of the offered directions:

A (Architecture),
U (Urban/Urbanism) or
AT (Architectural Technology).

Admission requirements

Completed the appropriate graduate academic studies and achieved minimum of 180 ECTS.

Contact

Head of the study program:
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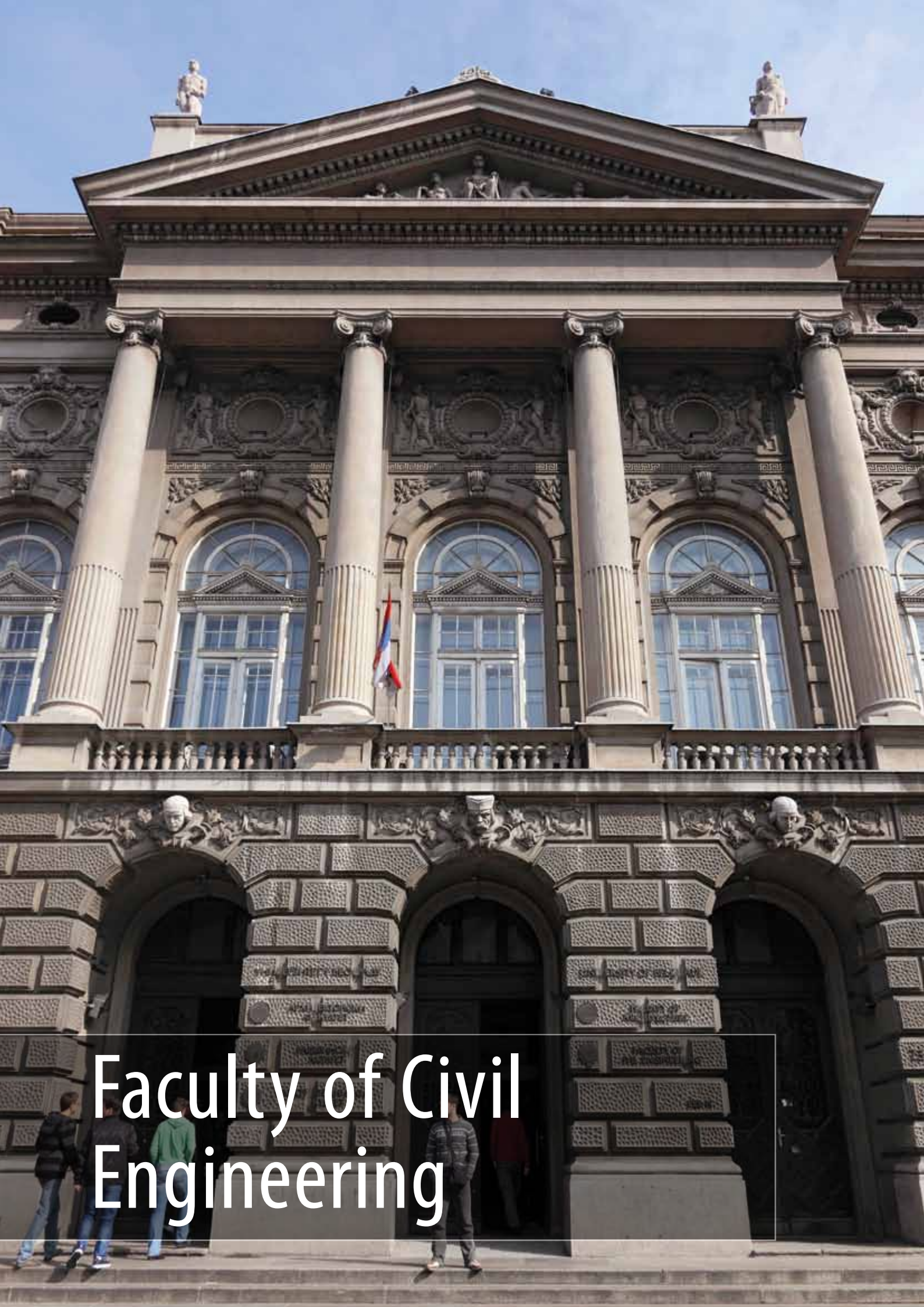

Faculty of Civil Engineering

Geodesy

at Faculty of Civil Engineering, 73 Bulevar kralja Aleksandra, 11000 Belgrade, www.grf.bg.ac.rs

ECTS: 120/ LANGUAGE OF INSTRUCTION: SERBIAN/ DEGREE: MASTER

Study program content

The master studies in Geodesy are perceived to upgrade academic competences of students who have completed the first-degree academic studies in geodesy. Courses in all modules cover specific problems of geodesy that require additional knowledge and capabilities for their analysis.

Study program goals

The master studies in Geodesy aim at:

1. Providing students with the knowledge and skills that will allow them to solve specific problems in geodetic practice such as those arising in the:
    - Basic geodetic works (Earth's shape and dimensions, gravitational field, navigation, geodynamics); · state survey and real estate cadastre;
    - Cartography;
    - Various engineering fields;
    - Real property law;
2. Providing students with the necessary knowledge in geoinformatics,
3. Development of the organizational and research skills and abilities for the team work,
4. Qualifying students for the advanced - doctoral studies and 5- qualifying students to work in the country and abroad.

Study program outcomes

Upon completion of the second-degree academic studies in geodesy the student should be able to design, organize and supervise:

- Geodetic works in the course of establishing reference geodetic networks (national active and passive networks, local reference networks, leveling and gravimetric networks),
- Geodetic works on establishment of the reference geodetic planes, i.e. determination of the outer gravitational field (regional gravimetric surveying, geoid, quasi-geoid),
- Geodetic metrological works and their standardization,
- Geodynamic investigation and determination of displacement of the Earth's crust in space,
- Aerial photogrammetric surveying of the terrain and terrestrial photogrammetric surveying of building faces, archaeological excavation sites and terrestrial photogrammetric surveying in geologic investigations, surveying in industry, mining and protection of cultural monuments,
- Activities and works on the development and maintenance of geospatial digital databases,
- State surveying, establishment and maintenance of real estate and infrastructure cadastre,
- Geodetic and technical works in the course of land development by land consolidation and expropriation,
- Cartographic works on preparation of topographic maps and thematic maps,
- Works in engineering fields (i.e. civil engineering, architecture, space planning, industry, agriculture, forestry and others).
- In addition to the above competencies, a graduate geodetic engineer is able to:
- Participate in research projects,
- Teach students in lower educational levels (geodesy, civil engineering, architecture and forestry),
- Perform real estate evaluation,
- Manage and develop real property market,
- Develop and maintain geospatial information systems,
- Analyze and interpret geospatial data.

Modules

Second-degree/master academic studies in Geodesy are organized in three modules:

- Geodesy - theory of satellite positioning, physical geodesy, geodetic reference networks, geodetic astronomy, satellite and inertial navigation, quality assurance in surveying, geodetic reference systems, numerical methods in physical geodesy, geodetic geodynamics, optimization in surveying, quality criteria for geodetic networks, surveying design, analysis of engineering structures

deformation, design of geodetic works in engineering, geodesy in industry, information systems of engineering, remote sensing, digital image processing, electronics in geodesy, engineering mechanics, object oriented programming, advanced adjustment of calculus, design methodology in geodesy, project management in geodesy;

- Geoinformatics - in this module students gain necessary knowledge for the design and management of projects in geodesy, application of advanced techniques and technologies for collection and processing of large quantities of geospatial data, development of spatial databases and for geospatial analysis. The knowledge of electronics and digital signal processing, adjustment of calculus, positioning, project design and management, programming and development of information systems, photogrammetry and remote sensing, geographic information systems, cartography, land development, real estate cadastre and real property management, acquired in the first-degree academic studies, is further upgraded during the master studies.
- Land Law and Economy - this module offers studies in real property law, environmental and planning law, property market, real property investment analysis and real property valuation and taxation. Artistic studies have one main research field – architectural and urban design. Specific scientific research can be changed within the same study program at the beginning of each school year, without changing the final number of ECTS.

In the second year, students are choosing basic /narrow field of scientific and artistic research, while the third study year is devoted exclusively to doctoral dissertation.

Admission requirements

A candidate who has completed the first-degree academic studies in geodesy with a minimum of 180 ECTS credits can apply for the second-degree studies in a geodesy.

Contact

Head of the study program:
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Telephone: +381 11 321 85 53
Contact e-mail: nastava@grf.bg.ac.rs

Civil Engineering

at Faculty of Civil Engineering, 73 Bulevar kralja Aleksandra, 11000 Belgrade, www.grf.bg.ac.rs

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

Study program content

The studies are meant to upgrade academic competences of a student who has completed previous level of civil engineering studies. Courses in all modules include specific problems of civil engineering that require additional knowledge and capabilities for analysis and design.

Study program goals

The master academic studies in Civil Engineering aim at:

- Providing students with the professional competences in different fields of civil engineering that will allow them to participate in complex civil engineering projects;
- Qualifying students for research in the chosen civil engineering field;
- Training students to use advanced computational models in the analysis of engineering problems;
- Encouraging and development of students' creativity and critical approach in analyzing engineering problems;
- Qualifying students for further doctoral or specialist academic studies.

Study program outcomes

By completion of the second-degree (master) academic studies the student acquires the following competences specific to civil engineering:

- Design and construction of all types of civil engineering structures – buildings, roads and hydraulic engineering structures,
- Design and execution of works on rehabilitation and reconstruction of structures,
- Design and construction of hydraulic engineering structures and infrastructures of all types and capacities,
- Application of up-to-date methods for the analysis of transport processes in surface and ground waters,
- Implementation of planning and design methodologies for urban roads, airports, railway stations and traffic nodes at all design levels in all phases,
- Design and construction of all types of geotechnical structures,
- Preparation and implementation of projects for construction and equipment management,
- Preparation of pre-feasibility studies, bill of quantities and priced bill of quantities,
- Application of the methods for environmental impact assessment of civil engineering structures and technical measures for environmental protection in planning, design, construction and maintenance phases.

Modules

The studies are organized in five modules:

1. Structural Engineering (KON) - includes courses that qualify engineers for the design and construction of non-standard structures such as bridges, water towers, dams, underground structures, etc.;
2. Hydraulic and Environmental Engineering (HVE) - the knowledge is extended to the ground water problems with a special emphasize on the ground water quality, the hydropower engineering and waterways and ports. Advanced courses in Hydraulic Engineering Structures and Municipal Hydraulic Engineering are offered;
3. Road, Railway and Airport Engineering (PŽA) is focused on planning, design and construction of urban roads, railway stations and airports. The students develop their ability to work on more complex projects through the courses in geoinformation systems, system optimization, and others.
4. Management, Technology and Informatics in Civil Engineering (MTI) offers numerous elective courses intended to upgrade basic knowledge on project management, construction management and implementation of informatics in civil engineering. The student acquires not only the competence that allows him/her to participate in complex civil engineering projects, but also a broad basis for research in various civil engineering fields; and

5. Engineering Geotechnics (GGT) broadens students' basic knowledge in structural engineering towards specific geotechnical problems such as protection of foundation pits and landfill management.

Admission requirements

A candidate who has completed the first-degree academic studies in civil engineering with a minimum of 240 ECTS credits can apply for the second-degree studies in a civil engineering.

Contact

Head of the study program:
Doc. Dr. Vladan Kuzmanović
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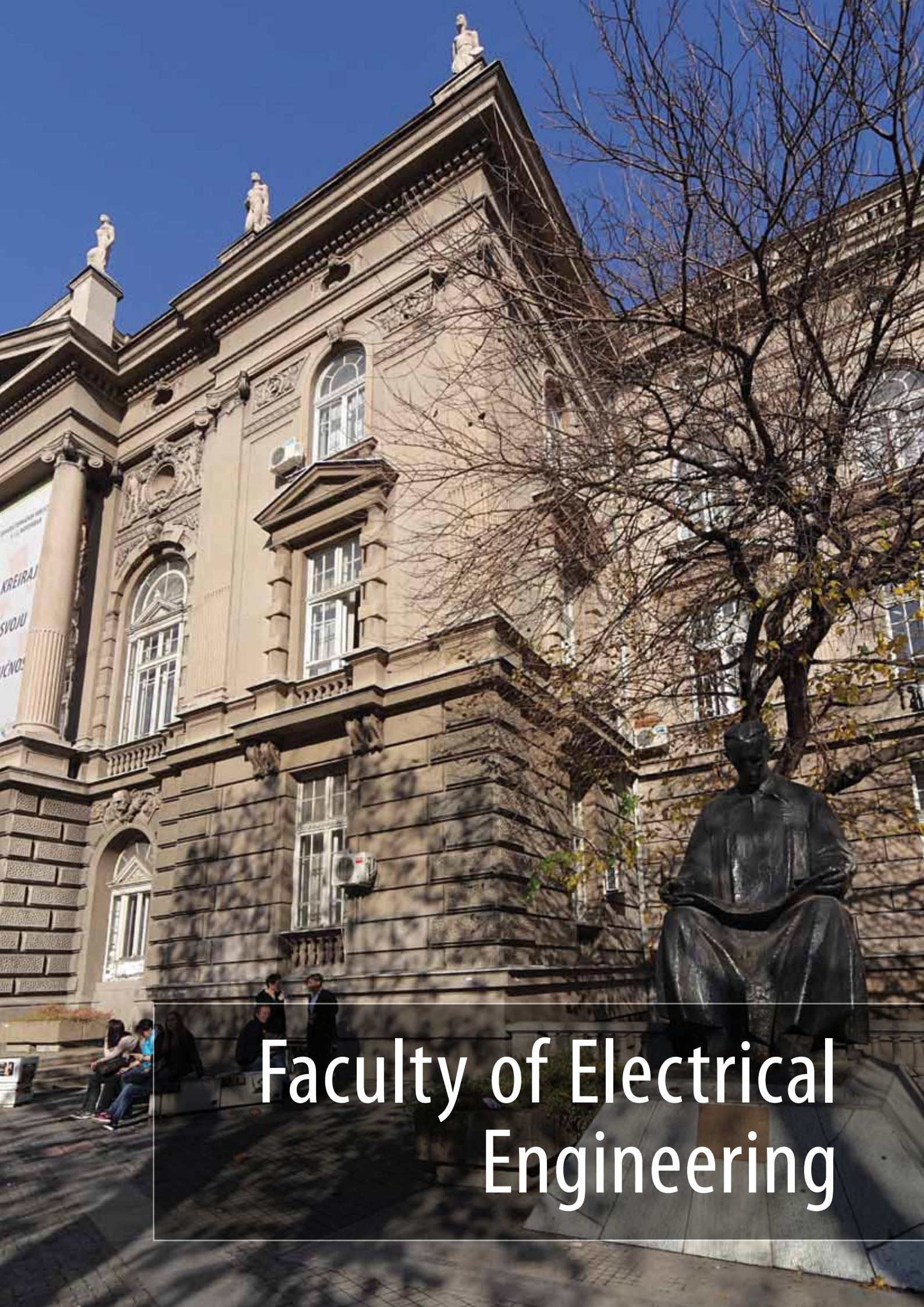

Faculty of Electrical Engineering

Electrical and Computer Engineering

at School of Electrical Engineering, 73 Bulevar kralja Aleksandra, 11000 Belgrade, www.etf.bg.ac.rs

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

Study program content

The duration of Master academic studies at the School of Electrical Engineering is one year and is equal to 60 ECTS points. The total number required for obtaining the academic title Master of Electrical Engineering is 300 ECTS points, so that these studies can be applied for only by candidates who acquired at least 240 ECTS points during their undergraduate studies, and these candidates should exclusively be either from the School of Electrical Engineering or from the other related faculty.

During the Master studies a candidate chooses 5 courses (subjects). Within each module students have obligatory and optional subjects, which are selected from among the list of optional subjects.

The instruction process is carried out through lectures and study research program. During the lectures, the professor delivers the stipulated course orally, accompanied by computers and state-of-the-art projection equipment. Within the study research work, which is exclusively related to the completion of the final (Master) thesis, the following activities are performed: practice, laboratory practice, consultations, term papers, projects, etc.

Study program goals

The basic objective of the Academic Master studies program of Electrical Engineering and Computer Science is to additionally educate engineers who are competent for analysis, maintenance, development and design of the parts of the system, as well as complex systems, and also dealing with scientific work.

Experts educated in such a way should be capable of coping with team work, as well as capable of presenting their results to the expert and scientific community and wider audience.

The second objective of the study program is to provide the fundamental knowledge necessary for following the latest scientific achievements in technical field, as well as following the fast technological development in the field of audio and video technology, biomedical and ecological engineering, electronics, power systems, energy converters and drives, microwave technology, nanoelectronics, optoelectronics, and laser technology, applied mathematics, computer science and information theory, signals and systems, system engineering and radio communication and software engineering.

The study program objective is also aimed at providing the high competence and academic skills in the above stated fields to students. This also includes the development of creative capabilities of observing the problem and critical thinking capabilities, developing capability for team work and mastering specific practical skills necessary for successful future scientific work. In accordance with contemporary aims of education, students should acquire habits for permanent education and advancement, and especially for further scientific research in the above stated fields.

Study program outcomes

Students will be competent to:

- Apply the fundamental knowledge related to electrical engineering in scientific research.
- Apply the knowledge of mathematics, physics and engineering disciplines in problem modeling.
- Design systems, components and processes according to the given specifications.
- Use techniques, skills and up-to-date software tools in the engineering practice and detection of their application
- Design and conduct the engineering experiments and then analyze and interpret the obtained data and publish the appropriate scientific papers.
- Notice, detect, formulate and solve new engineering problems.
- Advance their knowledge and follow the development of science and technology.
- Work in a team composed of experts of various profiles.

Modules

1. Audio and video technology,
2. Biomedical and ecological engineering,
3. Electronics,
4. Power systems,
5. Power converters and drives,
6. Microwave technology,
7. Nanoelectronics, optoelectronics and laser technology,
8. Applied mathematics,
9. Computer technology and informatics,
10. Signals and systems,
11. System engineering and radio communications.
12. Software engineering.

Admission requirements

Persons with finished bachelor studies in Electrical and Computer Engineering having 240 ECTS.

Some courses may be taught in English.

Contact

Head of the study program:
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Doc. Dr. Lazar Saranovac
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Contact e-mail: dekanat@etf.bg.ac.rs

Faculty of Mechanical Engineering

Mechanical Engineering

at Faculty of Mechanical Engineering, 16 Kraljice Marije, 11000 Belgrade, www.mas.bg.ac.rs

ECTS: 120/ LANGUAGE OF INSTRUCTION: SERBIAN OR ENGLISH/ DEGREE: MASTER

Study program content

Duration: 4 semesters, 21 elective modules in total. Elective modules are narrow orientations in the field of mechanical engineering. Each module has 17 courses (10 obligatory and 7 elective). Elective courses comprise scientific-professional and scientific-applicable knowledge required for the field of mechanical engineering studied in the respective module, while elective courses are chosen from the list of the courses offered. During the studies a single Skill Praxis is obligatory for the student. Master academic studies are completed on writing and public defense of M.Sc. thesis.

Study program goals

Education of M.Sc. Mechanical Engineers needed for economy and industry, to provide development and progress of the working environment, with transmission of contemporary scientific knowledge and skills in the field of mechanical engineering.

Study program outcomes

M.Sc. Mechanical Engineers are able to manipulate methods, procedures and processes of work and research at the acquired level of education. They are able to apply knowledge in practical work and thorough understanding of the physicality of concepts studied in the respective study program. The M.Sc. Mechanical Engineers have developed the ability to connect basic knowledge from different spheres of its application. They can design projects for the development of economy, industry, individuals and broader social community.

Modules

Biomedical engineering; Naval architecture; Aerospace engineering; Design in mechanical engineering; Railway mechanical engineering; Welding and welded structures; Engineering of biotechnical systems; Industrial engineering; Information technologies; Motor vehicles; Internal combustion engines; Food industry engineering; Production engineering; Process engineering and environment protection; Automatic Control engineering; Weapon systems; Thermal power engineering; Material handling, constructions and logistics; Thermal science engineering; Hydropower engineering; Computational engineering.

Admission requirements

Students who have completed B.Sc. studies at any of the faculties of technical-technological sciences, with at least ECTS 180, are allowed to enroll in M.Sc. studies at Faculty of Mechanical Engineering.

Contact

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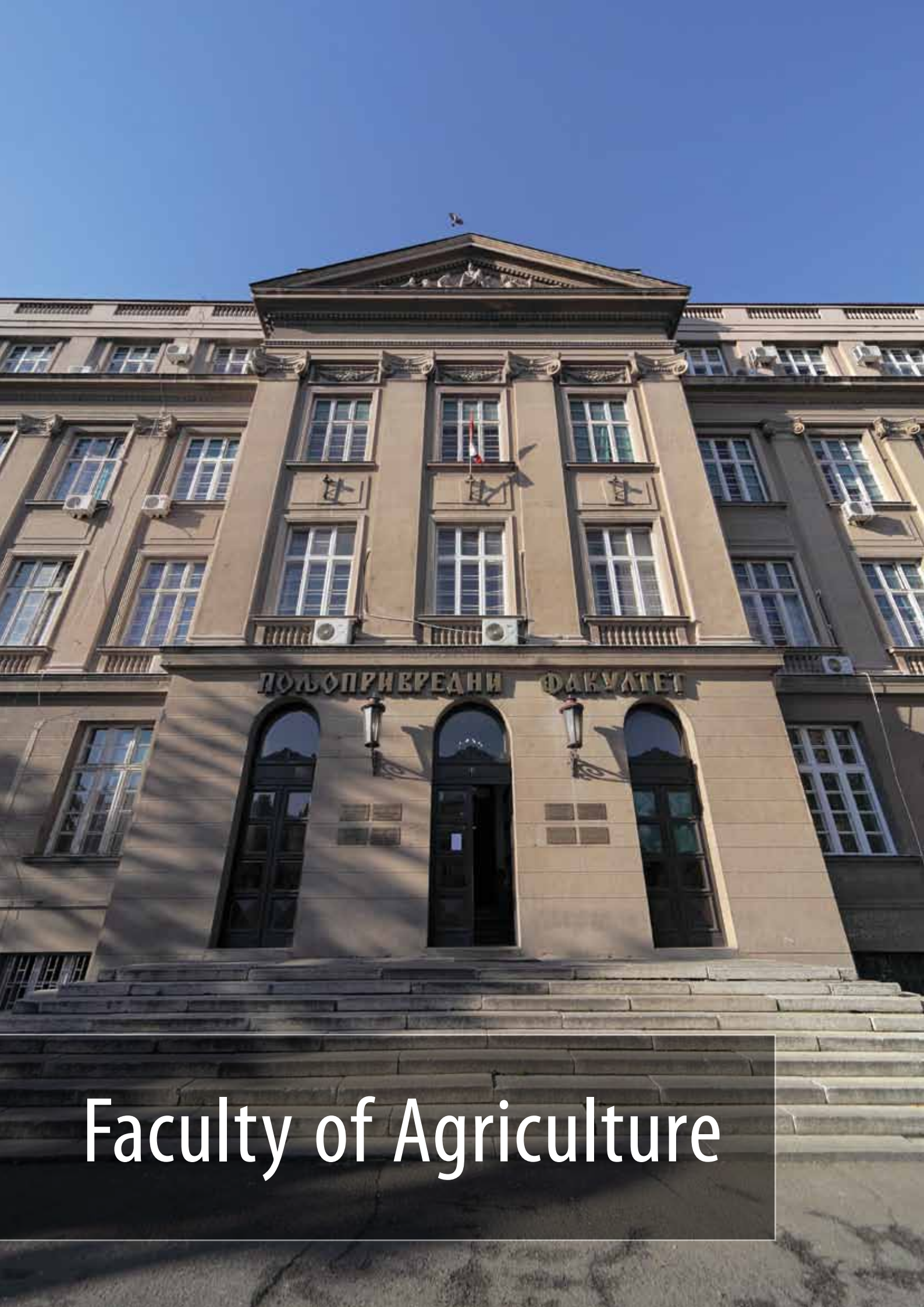

Faculty of Agriculture

Crop and Vegetable Sciences

at Faculty of Agriculture, 6 Nemanjina, 11080 Zemun, www.agrif.bg.ac.rs

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

Study program content

The study program Crop and Vegetable Sciences of the second degree of higher education represents the study program of graduate academic studies.

The study program of master academic studies lasts for 1 year that is 2 semesters. Within the study program 1 obligatory course is taught (Ecology and agroecosystems). This course is a good basis, which will be broadened by the knowledge of the areas of agroecosystems function and which will be succeeded by the courses introducing new groups of courses to the students. Beside the above-mentioned course, the student chooses another 6 courses from three different groups of elective courses.

The student obtains 5 ECTS credit points by passing the obligatory course, and by passing elective courses the student is awarded another 31 ECTS credit points. Upon completion of master's thesis, a student is awarded 15 ECTS credit points (5 in the first and 10 in the second semester). Professional practice is taken in the second semester (3 ECTS) as well as a research paper which is comprised of the practical part of the final paper (8 lessons of active teaching that is 6 ECTS) and represents an integral part of the obligatory course (2 lessons of active teaching) and two elective courses each with 1 lesson of active teaching. The total of ECTS credit points in this study program is 60.

Study program goals

The goals of the study program of master studies are achieving competences which demonstrate the completion of master academic studies, a certain level of specialization as well as qualification for research into the field of crop science, vegetable science and seed science, organic crop production and sustainable use of natural resources. It refers to the development of general competences: objective evaluation of one's own work and the work of others, communication with the experts in other fields, possession of professional ethics, ability to plan and organize production, ability to work independently, knowledge of research methods, conducting of experiments, statistical processing of data and interpretation of the results, creativity.

The goal of the program is development of course-specific competences: detailed knowledge of the structure and functioning of agroecosystems for the purpose of rational and economical use of natural resources in agriculture, detailed knowledge of specific ways the production (agrotechnical) of crop (cereals, legumes, industrial and forage crops), vegetable crops and seed crops, seed production and processing, specificities of organic cropping system, regulations and standards in the field of production, organic production efficiency, specificities implementation in the field of plant protection in this mode of production, rational use of genetic resources of cultivated plants and knowledge of biotechnology and biosafety.

Study program outcomes

Upon the completion of the study program of master studies the student acquires general competences: ability to improve the acquired knowledge and apply it in the practice; objective evaluation of one's own work and the work of others, competence in analysis and synthesis, ability to obtain and analyze information from different sources, ability to work in interdisciplinary teams and communicate with the experts in other fields, possession of professional ethics, ability to plan and organize production; ability to work independently; knowledge of research methods, conducting of experiments, statistical processing of data and interpretation of the results; creativity, developed awareness of the necessity of continuous improvement of knowledge; possession of a higher level of social responsibility concerning the production of safe food; environmental protection and conservation of natural resources in accordance with the principles of sustainable development.

Upon the completion of the study program of master studies acquires course-specific competences and thorough knowledge of: agrotechnics of cereals, legumes, industrial, forages and vegetable plants; methods, procedures and the processes of production and processing of cultivated crops seeds; specificities of organic

cropping systems; regulations and standards in the field of organic production; agroecosystems functioning and economical and rational use of natural and genetic resources in agriculture; monitoring and application of innovations in the fields of graduate academic studies, use of information and communication technologies.

Modules

Biomedical engineering; Naval architecture; Aerospace engineering; Design in mechanical engineering; Railway mechanical engineering; Welding and welded structures; Engineering of biotechnical systems; Industrial engineering; Information technologies; Motor vehicles; Internal combustion engines; Food industry engineering; Production engineering; Process engineering and environment protection; Automatic Control engineering; Weapon systems; Thermal power engineering; Material handling, constructions and logistics; Thermal science engineering; Hydropower engineering; Computational engineering.

Admission requirements

Students who have completed B.Sc. studies at any of the faculties of technical-technological sciences, with at least ECTS 180, are allowed to enroll in M.Sc. studies at Faculty of Mechanical Engineering.

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Fruit Science and Viticulture

at Faculty of Agriculture, 6 Nemanjina, 11080 Zemun, www.agrif.bg.ac.rs

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

Study program content

This is the study program of the second degree of higher education that is master academic studies of Fruit Science and Viticulture.

The study program master academic studies, which lasts one year that is 2 semesters, comprises the total of 7 courses, including 4 obligatory and 3 groups of elective one-semester courses. The elective courses are envisaged for the first and second semester, 6 in the first and 4 in the second semester. The student chooses 3 from 10 elective courses.

In each semester, a student can acquire 30 ECTS which makes the total of 60 ECTS. Teaching is both theoretical and practical, and for the course Pomology and elective course 2, research paper (2 lessons) is envisaged. Practical teaching is provided through professional practice which brings a student 5 ECTS.

Methods used in the process of teaching are ex cathedra lectures, laboratory sessions, field exercise and methods of interactive teaching. Methods of interactive teaching used are individual, group (team) collaborative and cooperative methods of active learning.

The interactive methods are used within the individual and group work. Panel discussions, formal debates, workshops, case study, keeping a research diary, writing a seminar paper, evaluation of the other student's work and active sessions of material consolidation are implemented.

Study program goals

The goals of the study program of master studies are achieving competences which mark the completion of master academic studies, a certain level of specialization as well as qualification for research into the field of fruit science, viticulture, fruit and grapevine breeding and apiculture.

It refers to the development of general competences: objective evaluation of one's own work and the work of others, communication with the experts in other fields, possession of professional ethics, ability to plan and organize production, ability to work independently, knowledge of research methods, conducting of experiments, statistical processing of data and interpretation of the results, creativity and so forth.

The goal of the program is development of course-specific competences: thorough knowledge of modes and methods of designing, exploitation and realization of fruit, grapevine and apicultural production for the purpose of a sustainable agricultural development; implementation of appropriate measures to increase efficiency and higher economic returns, controlling product quality; independent completion of studies and projects related to the fields of horticulture, viticulture and apiculture.

Study program outcomes

Upon the completion of the study program of master studies the student acquires applicable scientific and technical knowledge of the fields of fruit science and viticulture, ability to design, organize and control production, manage the processes of production as well as to continue education in the specialized academic studies or doctoral academic studies.

Upon the completion of the study program of master studies the student acquires general competences: ability to use technical literature, to implement knowledge in solving the problem in practice, to use research methods, development of critical and self-critical thinking as well as professional ethics, development of communication competences and knowledge transfer, informing professional and general public on the results of one's own work.

The course-specific competences are reflected in knowledge and understanding of planting material of fruit trees and grapevines, new cultivars and rootstocks, designing the modern orchards and vineyards, new methods and achievements in breeding of fruits and grapevine, organic production of fruits and grapes and organization of fruit and viticultural production.

Admission requirements

Admission to the first year of master academic studies is possible if:

- The candidate graduated from the Faculty of Agriculture, corresponding study program.
- The candidate who graduated from some of related faculties or related study program at the Faculty of Agriculture, after passing the additional examinations, if it is prescribed by the study program, of the courses determined by the corresponding Department Council.

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Horticulture

at Faculty of Agriculture, 6 Nemanjina, 11080 Zemun, www.agrif.bg.ac.rs

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

Study program content

The study program Horticulture of the second degree of higher education represents the study program of graduate academic studies.

The study program of master academic studies lasts for 1 year that is 2 semesters. Within the study program, 4 obligatory and 3 elective courses are taught. The elective courses occupy 33% of the whole structure. Students can choose one course from the three offered courses of each group of elective courses.

After passing obligatory courses the student acquires 23 ECTS, and after passing elective courses the student acquires another 14 ECTS. Upon the completion of the graduation thesis the students receives 15 ECTS (5 in the first and 10 in the second semester). The professional training is carried out in the second semester (5 ECTS) as well as a study research paper within which a practical part of the final paper is done (6 lessons of active teaching that is 3 ECTS). The total of ECTS credit points in this study program is 60.

Study program goals

The goals of the study program of master studies are achieving competences which mark the completion of master academic studies, a certain level of specialization as well as a qualification for the research into the field of horticultural production. It refers to the development of general competences: objective evaluation of one's own work and the work of others, communication with the experts in other fields, possession of professional ethics, ability to plan and organize production, ability to work independently, knowledge of research methods, conducting of experiments, statistical processing of data and interpretation of the results, creativity. The goal of the program is development of course-specific competences: thorough knowledge of the production technology of fruit and vine planting material, production of ornamental trees and shrubs and use of management practices in the nursery production, knowledge of the principles of growing horticultural crops (vegetables, flowers, fruits, aromatic plants and herbs) in the protected area, detailed knowledge of specific methods of production grasslands and their role in land planting and garden planning, knowledge of production technology of fruits, vegetables and grapevine according to the organic principles and knowledge of regulations and standards of this area. Also, the goal of the program is recognition of the important segments of economic business operations on farms, knowledge of new cultivars of fruit species, knowledge of the specificities of fruits and vegetables processing and knowledge of the methods of horticultural plants breeding.

Study program outcomes

Upon the completion of the study program of master studies of Horticulture the students acquire applicable knowledge of the field of horticultural production, and they are qualified for: the production of planting fruit and vine materials and ornamental trees, the production of horticultural plants (, flowers, fruits, aromatic plants and herbs) in the protected area, establishment and protection of ornamental grasslands, production of fruits and vegetables according to the organic principles as well as continuation with studies in specialized academic or doctoral academic studies.
Upon the completion of the study program of master studies the student acquires the following general competences: ability to use technical literature, to implement knowledge in solving the problem in practice, to use research methods, development of critical and self-critical thinking as well as professional ethics, development of communication competences and knowledge transfer, informing professional and general public on the results of one's own work.

Admission requirements

Admission to the first year of master academic studies is possible if:

- The candidate graduated from the Faculty of Agriculture, corresponding study program.
- The candidate who graduated from some of

related faculties or related study program at the Faculty of Agriculture, after passing the additional examinations, if it is prescribed by the study program, of the courses determined by the corresponding Department Council.

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Phytomedicine

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

Study program content

The study program Phytomedicine of the second degree of higher education represents the study program of master academic studies.

Upon the completion of master academic studies the student acquires the academic title of Master Engineer in Agriculture for Phytomedicine. The group of elective courses is provided in Diploma supplement. On the basis of the chosen courses, the research area is determined, which can comprise: phytopathology, agricultural entomology and zoology, pesticides, herbology and of multidisciplinary character.

The program of master academic studies lasts for on year that is two terms. Within the study program four obligatory courses are taught (Agricultural toxicology with ecotoxicology, Ecology in plant protection, Basics of pesticide toxicological chemistry, Anatomy and physiology of sick plants). Apart from the above-mentioned obligatory courses, the student chooses another three courses from the total of 9 elective courses. After passing obligatory courses the student acquires 23 ECTS, and after passing elective courses a student is granted another 19 ECTS.

After completing master thesis the student acquires 10 ECTS. Professional practice is taken in the second semester (3 ECTS) as well as a research paper which comprises the practical part of the final paper (10 lessons of active teaching that is 5 ECTS) and represents an integral part of one obligatory course and two elective courses each with 2 lesson of active teaching.

Study program goals

The goals of the study program of master studies comprise achieving competences which mark the completion of master academic studies, a certain level of specialization as well as qualification for research into the field of phytomedicine. It refers to the development of general competences: objective evaluation of one's own work and the work of others', communication with the experts in other fields, possession of professional ethics, ability to plan and organize works in the field of phytomedicine, creativity and ability to work independently, knowledge of laboratory and field research methods, statistical processing of data and interpretation of the results.

The goal of the program is development of course-specific competences: detailed theoretical knowledge of the target groups of organisms, of practical techniques, ecological framework of the functioning of agroecosystems, rational and economical use of natural resources in agriculture, detailed knowledge of specific ways of protecting plant species, production of healthy seed and planting material, the toxicological properties of pesticides, phytosanitary regulations and standards, specificities in the field of plant protection within the organic food production, knowledge of biotechnology and biosafety.

Study program outcomes

Upon the completion of the study program of master studies the student acquires general competences: ability to improve the acquired knowledge and apply it in the practice; objective evaluation of one's own work and the work of others', competence in analysis and synthesis, ability to obtain and analyze information from different sources, ability to work in interdisciplinary teams and communicate with the experts in other fields, possession of professional ethics, ability to plan and organize professional activities, ability to work independently; knowledge of research methods, conducting of experiments, statistical processing of data and interpretation of the results; creativity, developed awareness of the necessity of continuous improvement of knowledge; possession of a higher level of social responsibility concerning the production of safe food; environmental protection and conservation of natural resources in accordance with the principles of sustainable development.

Upon the completion of the study program of master studies acquires course-specific competences and thorough knowledge of: detailed theoretical knowledge of the target groups of organisms, of practical techniques, ecological framework of the functioning of agroecosys-

tems, safe, rational and economical use of pesticides, detailed knowledge of specific ways of plant species production (agrotechnics), production of seed and planting material, knowledge of phytosanitary regulations and standards, specificities in the field of plant protection within the organic food production, knowledge of biotechnology and biosafety, monitoring and application of innovations in the fields of graduate academic studies, use of information and communication technologies. The knowledge acquired must be sufficient basis for further education, which essentially consists of the capacity for research work in specialized areas.

Admission requirements

Admission to the first year of master academic studies is possible if:

- The candidate graduated from the Faculty of Agriculture, corresponding study program.
- The candidate who graduated from some of related faculties or related study program at the Faculty of Agriculture, after passing the additional examinations, if it is prescribed by the study program, of the courses determined by the corresponding Department Council.

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Soil Management

at Faculty of Agriculture, 6 Nemanjina, 11080 Zemun, www.agrif.bg.ac.rs

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

Study program content

The study program comprises two obligatory courses (Degradation of agricultural soils and Ecological engineering of agricultural soils). Both courses are multidisciplinary courses in which students acquire knowledge of various soil sciences from the point of the process of degradation and protection of the soil, in order to evaluate the complex relationships between the various processes in the soil, as well as complex understanding of different measures of soil protection from degradation.

Apart from the above-mentioned courses, the student chooses 4 courses from four groups of elective courses. After passing obligatory courses the student acquires 12 ECTS, and after passing elective courses another 24 ECTS are granted. The total of lessons envisaged for each course is 3 lessons of lecture and 2 lessons of sessions that is 6 ECTS. Upon the completion of the graduation thesis the student acquires 15 ECTS (6 in the first and 9 in the second semester).

Professional training is provided in the second semester (3 ECTS), as well as research paper within which a practical part of the final paper is conducted (12 lessons of active teaching that is 6 ECTS). The list of obligatory and elective courses and credit points value for each course is expressed in accordance with European Credit Transfer and Accumulation System (ECTS). The methods used in teaching are ex cathedra lectures, laboratory sessions, field practices and methods of interactive teaching. Methods of interactive teaching comprise individual, group (team) collaborative and cooperative methods of active teaching.

The interactive methods are used within the individual and group work. Panel discussions, formal debates, workshops, case study, keeping a research diary, writing a seminar paper, evaluation of the other student's work and active sessions of material consolidation are implemented.

A special significance for both teaching and learning is attached to discussion, cooperative learning, mutual learning, organizing teams for learning and learning based on experience, conceptual mapping and mapping of concepts or conceptual maps, method of simulation, research proposals and projects. Within each course, a continuous monitoring of the acquisition of knowledge is provided by checking through tests and knowledge tests and through a final exam at the end of the semester.

Study program goals

The goals of the study program of master studies are achieving competences which mark the completion of master academic studies, a certain level of specialization as well as a qualification for research into the field of soil science and measures for improving soil quality. It refers to the development of general competences: objective evaluation of one's own work and the work of others', communication with the experts in other fields, possession of professional ethics, ability to plan and organize production, ability to work independently, knowledge of research methods, conducting of experiments, statistical processing of data and interpretation of the results, creativity and so forth.

The goal of the program is development of course-specific competences: detailed knowledge of the ways and methods of testing and mapping of soil and determination of its state; independent conduct of measures for soil protection for the purpose of sustainable agricultural development; implementation of appropriate measures to improve soil quality and the appropriate measures to increase water infiltration efficiency and productivity of crops; rational use of organic and mineral fertilizers in accordance with a system of control of soil fertility and plants, as well as control of the crops quality requirements; independent completing of studies and projects in the field of agricultural and hydraulic land reclamation (Standard 4, Competences of graduate students). These goals are achieved by implementing various teaching methods (ex cathedra lectures, laboratory sessions, field practices and methods of interactive teaching.

Methods of interactive teaching comprise individual, group (team) collaborative and coop-

erative methods of active teaching.) One of the goals of the study program is development of specific skills related to the strategic approach to perceiving elements of the planning of agricultural soil in terms of long-term development of agricultural production from the standpoint of environmental protection as well as conservation and rational use of land and water as natural resources of the utmost importance.

The goal of the study program is development of the ability to integrate knowledge, solve complex problems with the acceptance of ethical responsibility and understanding of complex social relations in countries in transition in which the difficulties of managing drainage systems must be viewed in the light of the process of privatization and transformation.

Study program outcomes

Upon the completion of the study program of master studies the student acquires general competences: ability to improve the acquired knowledge and apply it in the practice; objective evaluation of one's own work and the work of others', competence in analysis and synthesis, ability to obtain and analyze information from different sources, ability to work in interdisciplinary teams and communicate with the experts in other fields, possession of professional ethics, ability to plan and organize production; ability to work independently, knowledge of research methods, conducting of experiments, statistical processing of data and interpretation of the results; creativity, developed awareness of the necessity of continuous improvement of knowledge; possession of a higher level of social responsibility concerning the production of safe food; environmental protection and conservation of natural resources in accordance with the principles of sustainable development.

Upon the completion of the study program of master studies acquires course-specific competences: thorough knowledge of methods, procedures and processes of examining physical, chemical and biological soil properties as well as methods of improving water-air regime of soil, physical, chemical and biological properties, knowledge of different disciplines, and analytical understanding of the effects of soil suitability for agricultural production, application of scientific methods in solving problems of land reclamation, monitoring and implementation of innovations in agricultural and hydraulic land reclamation and self-organization and management of the operation of melioration systems, use of information and communication technologies

The knowledge acquired must be sufficient basis for further education, which essentially consists of the capacity for research work in specialized areas. Learning outcomes are: thorough knowledge and understanding of soil sciences, ability to conduct independently experiments related to physical, chemical and biological properties of soil, interpretation of results, competence in the independent application of that knowledge in solving various problems of protection and improvement of agricultural soil.

Students should be able to use scientific methods and procedures of land mapping and diagnosis of its condition by combining knowledge of various fields; to design, organize and control the application of appropriate measures to improve soil, measures to increase water infiltration efficiency and productivity of crops; to apply rationally organic and mineral fertilizers in accordance with a system of control of soil fertility and plants requirements, and control of crops quality; to lead and participate independently in the preparation of project programs, revision of investment and technical documentation, studies and projects in the field of agricultural and hydraulic land reclamation, agricultural, recreational, sports and other green spaces, to plan, organize and control the management, maintenance and use of agricultural and irrigation systems in their exploitation, to organize, coordinate and work on highly specific tasks in inspection services in the field of development and use of land and water resources; to organize and coordinate the development, maintenance, and implementation of base and information systems, protection, development and use of agricultural land area, as the basic spatial planning document of the strategic development of agriculture.

Admission requirements

All persons who completed corresponding undergraduate academic studies acquiring 240 ECTS.

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Agricultural Engineering

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

Study program content

The study program of the second degree of higher education refers to the study program of master academic studies. The study program of master academic studies, which lasts for one year that is 2 semesters, comprises 5 courses, of which 2 are obligatory, and 3 groups of elective one-semester courses. Elective courses are envisaged for the ninth and tenth semesters, two and/or three in the semester. A student chooses 3 from 8 elective courses.

In each semester of master academic studies, the student can acquire 30 ECTS which makes the total of 60. Teaching is theoretical and practical for both obligatory courses. Practical teaching is envisaged for professional training which brings a student 3 ECTS.

The main technical areas in the study program of master academic studies for agricultural engineering are: Technical systems design in plant production and Technical systems design in animal production. Apart from that, a special attention is drawn to the courses such as: Security in the exploitation of agricultural machines, Control of production conditions and processes in a protected area, Measurement systems in agricultural engineering, Energetic efficiency of agricultural production, Market and marketing of agricultural engineering, Mechatronics in agricultural engineering, Maintenance of technical equipment in agriculture, Optimization of agricultural engineering. Within the tenth semester, a student carries out a research work. In the ninth semester, a student chooses master's thesis topic, which is realized through research work and a student defends it at the end of the tenth semester.

Study program goals

The main goal of the study program is transfer of the latest scientific and technical knowledge and skills in the field of agricultural engineering for the purpose of more successful implementation in agricultural production and scientific research. The second goal is continuous and comprehensive development of all aspects of the agricultural engineering profession based on modern principles and standards. The study program is aimed at directing studies towards achieving knowledge and skills needed for profitable agricultural production primarily by using renewable natural resources along with environmental protection, preservation of rural areas resources and cultural heritage.

The next main goal of the study program is providing possibilities for acquiring various practical knowledge of all branches and areas of agricultural engineering, such as those for crop, vegetable, fruit and viticultural and animal production. The third goal is the inclusion of students in the research.

One of the high priority goals is further development of the concept of students' education which offers a qualified expert ready for all challenges in the field of agricultural engineering of new age, along with creating the conditions for obtaining specialized knowledge, what is needed for a competitive agricultural production.

Basically, this study program is aimed at harmonization of the education system in accordance with the Bologna process that is gradual enabling of students to be involved in European Higher Education Area and the realization of European Common Agricultural Policy.

Study program outcomes

Upon the completion of the studies the student is qualified for: Knowledge of agricultural engineering from the standpoint of machinery and equipment choice and the formation of aggregates and the rational and optimal use of performing of technological operations, monitoring the development of modern technologies and technical means, analysis and adoption of measures for their implementation, knowledge of methods and procedures for the rational use of all forms of energy in agriculture, knowledge of contemporary trends in the field of markets and marketing of agricultural engineering, knowledge of the possibility of using the natural conditions for organizing and improving agricultural production; Knowledge of technical and legal regulations and standards in the field of agricultural engineering, knowledge of meth-

ods and procedures for testing and certification of agricultural engineering, reclamation and utility machines, basic technological and technical design of technical systems in crop and livestock production, the ability to organize teamwork and critical thinking.

Admission requirements

Admission to the first year of master academic studies is possible if:

- The candidate graduated from the Faculty of Agriculture, corresponding study program.
- The candidate who graduated from some of related faculties or related study program at the Faculty of Agriculture, after passing the additional examinations, if it is prescribed by the study program, of the courses determined by the corresponding Department Council.

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Food Technology

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

Study program content

Master academic studies are realized within one group, namely: food technology. The group comprises 3 main courses (18 ECTS credit points) and 3 elective blocks (21 ECTS credit points).

Within these studies a technical training is envisaged (3 ECTS credit points) and master's thesis of 15 ECTS, in the ninth and tenth semester (5+10).

The first elective course is chosen from a total of 5 offered within one elective block I. Within the elective block I, there are the following courses: Heat and mass transfer phenomena, Application of enzyme preparations in food production, Bacteriology of food, Structure, composition and post-mortem changes in animal tissues, Advanced course of chemistry and physics of milk. The second and third elective course is chosen from the elective block II that is the elective block III. Within the group of the elective block II, the following courses are offered: Modeling and optimization of procedures for heat conservation, Modeling and optimization of fermentation processes, Food Mycology, Functional and technological properties of animal tissues. Within the group of the elective block III, 16 courses are offered: Advanced course of cooling and freezing technology of food products, Advanced course of technology of fruit and vegetables, Advanced course of technology of prepared meals, Advanced course of beer technology, Advanced course of wine technology, Advanced course of spirits technology, Advanced course of processing of wheat and flour, Advanced course of confectioneries technology, Advanced course of technology of oil and fat, Advanced course of technology of sugar and starch, Advanced course of technology of growing and processing tobacco, Advanced course of meat technology, Advanced course of ancillary products in meat production, Advanced course of processing technology of milk, Advanced course of microbiology of animal products, Advanced course of microbiology of plant products, Advanced course of food biochemistry.

Study program goals

The main goal of the study program is the expert with high level of fundamental and applicable knowledge of the fields of different food technologies whose Master's degree (together with undergraduate degree) will be recognized by all European institutions and which enable students find their places in food technology or to continue doctoral studies in the fields of some of food technologies enrolling on domestic or some university courses in the world.

Master studies should offer specific knowledge needed for determination and quick identification of micro-organisms originating from food, specific knowledge of the field of analytical methods needed for modern chemical analysis of food products, specific knowledge needed for management of food safety and quality in production processes of a chosen technology, as well as competence in critical thinking and ability to present acquired knowledge.

Study program outcomes

Upon the completion of master academic studies, students acquire thorough knowledge and technical skills in the fields of chosen food technologies and they are able to apply them to solving problems in partly new or unknown professional environment.

Apart from that, students acquire knowledge and skills necessary for teamwork, and they are able to integrate information, as well as reasoning and drawing conclusions on the basis of the same. Students are qualified for efficient monitoring and adopting of innovations in the field of food technology, analytics and food microbiology.

After completing these studies, students are able to transfer clearly knowledge and conclusions to professional and general public. Also, upon the completion of these studies the competences needed for higher level of studies (doctoral studies) are developed.

Admission requirements

Admission to the first year of master academic studies is possible if:

- The candidate graduated from the Faculty of Agriculture, corresponding study program.
- The candidate who graduated from some of related faculties or related study program at the Faculty of Agriculture, after passing the additional examinations, if it is prescribed by the study program, of the courses determined by the corresponding Department Council.

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Agricultural Economics

at Faculty of Agriculture, 6 Nemanjina, 11080 Zemun, www.agrif.bg.ac.rs

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

Study program content

The main purpose of master academic studies is achieving educational, technical and research goals and accomplishing tasks in the fields of agricultural economics. The type and mode of study adapted to the needs of strategic development as an important unifying part of agricultural production and society as a whole. The main purpose of the study is schooling of experts for the direct involvement in various fields and forms of agricultural production (farming, animal husbandry, fruit growing and viticulture) and food industry.

The study program of agricultural economics offers knowledge and skills necessary for achieving short-term and long-term goals in the field of agrobusiness management in Serbia, since graduate students are, by means of appropriate methods of teaching and learning, qualified for creative and innovative work and successful use of knowledge and skills of agricultural economics in agricultural production and food technology.

Study program goals

The main goal of the study program is to transfer the latest scientific and technical knowledge and skills in the field of agricultural economics. Another important goal is the continuous comprehensive development of all agroeconomic aspects of agricultural production and food processing industry based on modern principles and standards.

The study program is aimed at directing studies towards the acquisition of knowledge and skills necessary for profitable agricultural production and food industry by taking advantage of renewable natural resources, along with environmental protection, conservation of the resource of rural areas and cultural heritage.

One of the priorities is the further development of the concept of students' education that offers a complete professional, ready for the challenges of agricultural production of the new age, while creating conditions for the acquisition of specialized knowledge needed for competitive agricultural production (of all its branches and forms).

Study program outcomes

Upon the completion of master academic studies students acquire profound knowledge and technical skills in the field of agricultural economics and they are able to apply them to solving problems in partly new or unknown professional environment.

Apart from that, students acquire knowledge and skills necessary for teamwork, and they are able to integrate information, as well as to reason and draw conclusions on the basis of the same. Students are qualified for efficient monitoring and adopting of innovations in the field of agricultural economics. Upon the completion of master academic studies students acquire applicable knowledge of the field of agricultural economics, and are qualified for using literature, knowledge transfer and continuing studies in specialized academic and doctoral studies.

In addition, students gain general and course-specific skills for the purpose of quality performance of professional activities in agricultural economics.

The course-specific competences are reflected in knowledge of: concepts, categories, methods and procedures in planning and preparing and resolving accounting and financial aspects of agriculture and rates of investment, commercial and foreign trade business systems of agriculture and food industry, including organizational and economic aspects of rural development, cooperatives and markets, transportation and marketing of agricultural products.

Here, content of management is included as well as of leadership, planning, design and consulting of business systems of agriculture and food industry.

Admission requirements

Admission to the first year of master academic studies is possible if:

- The candidate graduated from the Faculty of Agriculture, corresponding study program.
- The candidate who graduated from some of related faculties or related study program at the Faculty of Agriculture, after passing the additional examinations, if it is prescribed by the study program, of the courses determined by the corresponding Department Council.

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Environmental Protection in Agriculture - WUS program

at Faculty of Agriculture, 6 Nemanjina, 11080 Zemun, www.agrif.bg.ac.rs

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

Study program content

The program of master academic studies lasts for 1 year that is 2 semesters. Within the study, the first group of the courses of the field of Applied ecology it taught, and there are the following obligatory courses: Ecology and Agroecosystems, Applied Ecophysiology, Ecotoxicology and Ecological microbiology. This group of courses provides a good basis, which will enable acquiring profound knowledge of the fields of applied ecology and which will be succeeded by the courses, introducing students into specialized knowledge.

The second group of courses of the field of Economics and management of environment in agriculture introduces the students into economic part of the studies, where they will have the opportunities to meet the basics of macroeconomics of natural resources and environment; of techniques and methods of economic evaluation of natural resources and environment; of economic aspects of evaluation of the effects on environment.

The third unit of these studies refers to the study and protection of natural resources in agriculture: soil, water and biodiversity. Knowledge of GIS technologies and precise agriculture is needed for suitable use of resources employed in agriculture. Depending on interest and direction, at the end of the studies the student chooses the course from the field of environmental protection in different agricultural systems (crop and vegetable, fruit and viticultural, livestock, aquaculture or ecological right). Passing of each obligatory course as well as one elective course a student is awarded 4 ECTS, and passing the second elective courses a student is granted 6 ECTS each which makes a total of 50 ECTS. By conducting technical training a student acquires 2 ECTS and after producing master's thesis a student can acquires 8 ECTS, which makes a total of 60 ECTS.

Study program goals

The goals of the study program of master studies are achieving competences which mark the completion of master academic studies, a certain level of specialization as well as qualification for research into the field of environmental protection in agriculture and sustainable use of natural resources.

It refers to the development of general competences: objective evaluation of one's own work and the work of others', communication with the experts in other fields, possession of professional ethics, ability to plan and organize production, ability to work independently, knowledge of research methods, conducting of experiments, statistical processing of data and interpretation of the results, creativity.

The goal of the program is development of course-specific competences: detailed knowledge of the structure and functioning of agroecosystems, principles of ecotoxicology, ecological microbiology and plant ecophysiology, knowledge of natural resources used in agriculture (soil, water and biodiversity), their protection and remediation, principles of economics and management of natural resources, regulations and standards in environmental protection, use of information technologies in this field and the methods and procedures in all areas of agriculture, which will not lead to distortion and contamination of environment.

Study program outcomes

Upon the completion of the study program of master studies the student acquires general competences: ability to improve the acquired knowledge and apply it in the practice; objective evaluation of one's own work and the work of others, competence in analysis and synthesis, ability to obtain and analyze information from different sources, ability to work in interdisciplinary teams and communicate with the experts in other fields, possession of professional ethics, ability to plan and organize production; ability to work independently; knowledge of research methods, conducting of experiments, statistical processing of data and interpretation of the results; creativity, developed awareness of the necessity of continuous improvement of knowledge; possession of a higher level of social re-

sponsibility concerning the production of safe food; environmental protection and conservation of natural resources in accordance with the principles of sustainable development.

Admission requirements

Admission to the study program Environmental Protection in Agriculture is possible for candidates of all profiles who completed undergraduate academic studies.

Contact

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Zootechnics

at Faculty of Agriculture, 6 Nemanjina, 11080 Zemun, www.agrif.bg.ac.rs

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

Study program content

The study program is comprised of one obligatory and four elective courses, which are chosen from the group of elective courses. The study program of master academic studies is established in accordance with the needs for the profiles of experts who will solve problems in the agricultural (zootechnics) practice and in science in our country, and on the basis of experience and related academic programs in the EU and the countries in the world.

The teaching is composed of active (lectures and sessions) as well as of interactive teaching. During the process of teaching, the focus is on the independent and research work of the students, who are pointed out the research trends in the relevant area.

During the sessions, succeeding the lectures, concrete problems are solved, and the examples are presented in order to illustrate theoretical part of the curriculum, and sessions regarding the way of carrying them out and their content can be theoretical with practical examples, making of different plans (simulation) as well as field practices.

Preliminary examination requirements can also comprise producing of seminar papers and project assignments, evaluated according to the rules adopted by the Faculty. Each course offers a certain number of ECTS credit points, and the studies are considered completed when student fulfils all requirements, prescribed by the study program and acquires 60 ECTS.

Study program goals

The goal of the program is the development of learning skills, as well as general and technical competences, which will enable the continuation of education in a way of qualifying for research work in specialized areas. The study program of the academic (master) studies is aimed at educating and qualifying cadres for technical and scientific work in the areas of basic branches of livestock production (cattle, sheep, goat, pig, horse breeding and poultry raising), as well as fishing, hunting economy and beekeeping.

Study program outcomes

Upon the completion of the study program of master studies the student acquires the following competences (skills):

- Understanding and solving problems in the field of Biotechnology-Zootechnics in different situations and circumstances;
- Ability to apply knowledge and skills to solve problems in different conditions;
- Multidisciplinary and holistic approach in solving problems in the field of zootechnics, and which are in the context of other areas within the field of technical and technological sciences;
- Ability to integrate knowledge to solve complex problems;
- Ability to reason logically on the basis of available information;
- Formulating one's own opinions, assumptions, and drawing conclusions;
- Ability to present and publish various scientific and technical information, give opinions and exchange ideas;
- Ability to apply the acquired fundamental knowledge of biotechnological and related natural sciences;
- Ability to work independently as well as to be a good team player;
- Ability to plan and carry out experiments;
- Competence in scientifically based interpretation of experimental data;
- Competence in effective scientific communication;
- Ability to manage research teams and organizations;
- Adoption of the attitude about the necessity of permanent training.

Admission requirements

Admission to the first year of master academic studies is possible if:

- The candidate graduated from the Faculty of Agriculture, corresponding study program.

- The candidate who graduated from some of related faculties or related study program at the Faculty of Agriculture, after passing the additional examinations, if it is prescribed by the study program, of the courses determined by the corresponding Department Council.

Contact

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Faculty of Mining and Geology

Geology

at Faculty of Mining and Geology, 7 Đušina, 11000 Belgrade, www.rgf.bg.ac.rs

ECTS: 120/ LANGUAGE OF INSTRUCTION: SERBIAN/ DEGREE: MASTER

Study program content

Study program in geology has a flexible curriculum that represents a logical continuation of the undergraduate program of academic studies in geology. Students have gained the general knowledge in geology and created the level and type of specialization according to their wishes and affinities, during their undergraduate academic studies. At the master academic studies of geology they are offered to enlarge their knowledge and skills in certain specialties. Graduated students of the study program in geology are receiving the uniform diploma of master geologist, bur the diploma supplement contains the information of their specialization – module. Graduated students have a possibility to continue their education on PhD studies, but they also gain clearly profiled competences that make them competitive at the labor market. Program has a clear structure and it is divided into modules.

Study program goals

Main goal is to organize and carry out the educational process that will enable graduate students – master geologists to acquire skills and competences suitable to a chosen specialization in the field of geo-sciences. Methods that are used to fulfill this goal include modern and interactive forms of education, totally integrated with cabinet, laboratory and field works. Graduate students of master academic studies in geology are complementing their fundamental geological education by specializations in regional and dynamic geology, paleontology, mineralogy and crystallography, petrology and geochemistry and economic geology. The goal is to enable students with master geologist diploma to understand complex aspects of various geological processes and to solve highly complex geological problems on the base of integration of theoretical knowledge with field and laboratory investigations. Special attention is directed to the importance of understanding the ambivalence context of the natural resources, in regard to understanding that the need for investigation and exploitation of geological resources also includes a need for preservation of those resources. The goal of the study program is to enable professionals to achieve the ability for interdisciplinary and multidisciplinary approach to researches, to be able to be involved in researches in fields that are connected to geo-sciences, such as ecology, petro-archeology, geo-archeology, medicine and others. Graduate students will develop the sense for multidisciplinary research, important for solving global environmental problems.

Study program outcomes

Study program outcomes are defined by the theoretical knowledge and practical skills that the graduate students of the master academic studies in geology will posses, while the specialties are defined by the choice of the certain module. Master geologists will be able to conduct independent and team research work to solve problems in fields of regional and dynamic geology, stratigraphy, remote sensing, micropaleontology, paleobotany, paleo-ecosystems, instrumental methods in mineralogy and petrology, structure of crystalline matter of different origin, gemology, quality and usage of building and architectural stone, geochemistry of ore deposits and environment, reserves calculation and evaluation of metallic, non-metallic and energy resources, creating of metallogenic prognoses maps, planning of different geological researches.

Modules

Students select one of the five offered modules: 1) geology, 2) paleontology, 3) mineralogy and crystallography, 4) petrology and geochemistry and 5) economic geology.

Admission requirements

Completed Undergraduate academic studies in corresponding or related scientific field, with total amount of 180 ECTS credits, at least.

Contact

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Geotechnics

at Faculty of Mining and Geology, 7 Đušina, 11000 Belgrade, www.rgf.bg.ac.rs

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

Study program content

Master academic studies are an extension of the undergraduate academic studies. They are more open than the undergraduate studies. Almost all courses are elective. Which courses will the student choose depends on the student's interest and the themes he wishes to study more. In that way, studies have a scientific character. Completed master academic studies allow master engineers access to doctor academic studies. Considering that geotechnics is a discipline applicable in a wide economic context, many tasks in our program are being solved on real constructions and in association with the leading experts and scientific institutions in Serbia which deal with this matter. That is why we consider that geotechnics is a challenging scientific field of great importance, which allows investigation of the interaction between nature and engineering activities, so future master engineers have the opportunity to show themselves and their creative talent.

Study program goals

General goals for the geotechnics study program are:

- Transferring scientific knowledge and skills, and opening possibilities for enrolling the doctor academic studies,
- Continuous development in the field of profession and science and securing updates of the study program
- Making the evaluation system closer to the one in the European Union and getting employment opportunities at the world labor market,
- Modernization of the program content and making the acquire knowledge more applicable for professional engineering in geotechnics,
- Closer relationship with students, seeing their affinities and helping them with further specialization,
- Providing of young specialists and scientists.

The goal of the study program is to provide a basic academic knowledge enough for continuing professional and scientific work in related areas such as civil engineering, mining, urbanization, space planning or ecology.

Study program outcomes

When students finish master academic studies the engineers get qualifications to do any kind of work in the field of geotechnics - independently or in a team. Students of the study program for geotechnics are qualified for complex geotechnic research, to conduct efficient field investigations and laboratory testing, to perform analysis and interpretation of the data and to solve specific problems based on the results of investigations. Master engineers of geotechnics are the only ones competent for the design and conduction of geotechnical investigations: field, laboratory and cabinet, as well as for the development of geotechnical background, as the basis for the projects. They are also the only ones competent for the supervision of geotechnical works and the control of geotechnical projects. Practical skills involve qualifying students for numerical data processing and using modern information technologies. That means that the master engineers - after completing their master studies, will have knowledge and skills for processing and storing data, while taking care of the selection and quality of data, as well as the accuracy of analytical procedures, in order to secure the level of reliability needed. Systematical storing of reliable information affects the economical aspect of the future field investigations

Admission requirements

Completed Undergraduate academic studies in corresponding or related scientific field, with total amount of 240 ECTS credits, at least.

Contact

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Geophysics

at Faculty of Mining and Geology, 7 Đušina, 11000 Belgrade, www.rgf.bg.ac.rs

ECTS: 120/ LANGUAGE OF INSTRUCTION: SERBIAN/ DEGREE: MASTER

Study program content

Organization of the teaching at the study program in geophysics is accomplished in association with the other study programs of Faculty of Mining and Geology. The study program consists of compulsory and elective courses that enable students to achieve knowledge and skills necessary for master level title.

Student's workload is consisted of lectures, exercises, scientific research, tests, exams, professional practice and field course and graduation thesis. Study program coordinator helps students to select elective courses. Students of master academic studies attend compulsory field course, as well as professional practice conducted at the research institutes and commercial companies, in order to obtain high quality education and competences for professional work.

The theme and the mentor of graduation thesis are chosen according to affiliation and wishes of student. Study program is conducted by the application of contemporary educational methods, including available computer presentations, application of modern computer programs, usage of geophysical equipment, laboratories and sample collections in practical exercises, following of newest scientific achievements through publications and internet, visits to research institutes and commercial companies.

Teaching stuff is cooperating with colleagues from other universities in order to get introduced to a good practice of corresponding study programs. They also organize lectures of guest – professors from other universities and participate in exchange programs.

Study program goals

The goal of the study program in geophysics is to enable students to learn to use different methodological approaches for solving problems and to apply acquired knowledge adequately, by offering them the spectra of different courses they attend during the studies. Students are given a possibility to use their creative abilities, to develop critical approach to the results of their work and to acquire different practical skills, necessary for the professional work. That is the way to accomplish the main goal of the study program – to provide high quality education that enables students to acquire competences and academic skills, necessary for professional work in geophysics or for continuation of education at the higher level of studies.

The goals include:

- Acquirement of theoretical knowledge from different fields of science, necessary for solving theoretical and practical problems in geology and geophysics;
- Acquirement of theoretical knowledge and practical skills from the wide range of geological and different related scientific fields, in order to enable students to acquire competences and academic skills needed for understanding and solving different geological problems;
- Acquirement of theoretical knowledge and practical skills from the field of geophysics (through the different forms of lectures, field and professional practice), in order to enable students to acquire competences and academic skills, necessary for planning and conduction of geophysical research in the various fields of application;
- Acquirement of the right to get licenses for managing professional projects;
- Acquirement of basis for the further education at the PhD studies.

Study program outcomes

Graduated student of the master studies in geophysics acquires general competences:

- To analyze the problem, decide which methods to apply to solve the problem and to anticipate the outcomes and the consequences;
- To apply acquired knowledge in professional practice to solve problems using critical approach in analysis and synthesis of research results;
- To work in the team, to lead the team, to communicate and to exchange data with

the other professionals, to correct the procedures in order to achieve higher efficiency;
- To lead and manage professional projects;
- To apply the acquired knowledge and the innovations in the profession using innovational, informational and communicational technologies;
- To follow, apply and introduce the innovations in the profession.

Admission requirements

Completed Undergraduate academic studies in corresponding or related scientific field, with total amount of 180 ECTS credits, at least.

Contact

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Hydrogeology

at Faculty of Mining and Geology, 7 Đušina, 11000 Belgrade, www.rgf.bg.ac.rs

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

Study program content

Master studies are a continuation of undergraduate studies. They are more open than undergraduate studies. Specifically, almost all courses at these studies are elective. Which courses the student will choose, depends on his immediate interests and themes that he wants to deal with.

This way, studies are given more of a scientific character. Narrowly vocational subjects on master academic studies are designed to follow the latest developments in the field of hydrogeology. Completed master studies allow engineers access to the PhD studies.

Study program goals

The objectives of the master degree program of academic studies are:

- Transfer of scientific knowledge and skills of senior specialist level and the possibility of continuing education at the doctoral studies level,
- Continuous development of the profession and science and providing the program to be up-to-date,
- Arrangement of the evaluation system in accordance to systems of EU countries and employment opportunities at the world labor market,
- Modernization of program contents and increase of the application of acquired knowledge for professional engineering work in the field of hydrogeology,
- Providing of young specialists and scientists.

Study program outcomes

Upon completion of academic studies, master engineers acquire competence to a work in a team or independently perform all types of work in the field of hydrogeology.

Master engineers have been trained to design fundamental, detailed and complex hydrogeological investigations, to conduct efficient field investigations and laboratory testing, to perform analysis and interpretation of the data and to solve specific problems. In our educational system, they are the only one competent in the design and conduction of hydrogeological investigations: field, laboratory and cabinet, as well as in the development of hydrogeological background, as the basis for the design, conduction and supervision of various hydrogeological facilities.

Master engineers of hydrogeology are expected to work in following areas:

- Projects of detailed and fundamental hydrogeological research for all types of underground water and geothermal energy;
- Studies on the reserves of all types of underground water and geothermal energy;
- Study the feasibility of building a factory for the production of bottled underground water;
- Hydrogeological studies and reports for the opening of underground water sources;
- Projects for deep hydro and geothermal wells;
- Projects for exploitation of geothermal energy;
- Projects for hydrogeological monitoring;
- Preparation of hydrogeological maps of all scales;
- Testing of groundwater quality;
- Thermal-physical tests of rocks and building materials;
- Hydrogeological and hydro-chemical prospecting for different purposes;
- Studies of the mine drainage;
- Economic evaluation of water sources and springs of all kinds of underground water and geothermal energy;
- Project documentation related to the use of geothermal energy;
- Consulting services regarding the exploration, exploitation and protection of all types of ground water;
- Hydrogeological mathematical simulation models;
- Geothermal simulation models;
- Geological and hydrogeological information systems;
- Forensics and so on.

Admission requirements

Completed Undergraduate academic studies in corresponding or related scientific field, with total amount of 240 ECTS credits, at least.

Contact

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Petroleum Engineering

at Faculty of Mining and Geology, 7 Đušina, 11000 Belgrade, www.rgf.bg.ac.rs

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

Study program content

Master degree program focuses on the academic needs of its industry audience. Our program provides a core body of knowledge of advanced topics in petroleum engineering with the objective to prepare our graduates for leadership positions in drilling, reservoir, and production engineering, as well as economics and evaluation.
Student chose one of 3 possible majors:
Drilling Engineering - static and dynamic design of borehole construction, dynamics of drilling processes, planning, supervision and evaluation of deep drilling projects under technical end economic aspects;
Petroleum Production Engineering - planning, design and maintenance of production systems (from reservoir to tank), HSE, assessment of projects (profitability, consideration of technical progress);
Reservoir Engineering - Detailed characterization of storage capacity and flow properties of hydrocarbon reservoirs, gas storage facilities, estimation of reserves and recovery. Design and development planning for new discoveries and mature fields in the light of modern enhanced oil recovery techniques. Computer-aided construction and parameterization of three-dimensional reservoir models; numerical simulation of multiphase flow patterns, mechanical, thermal and chemical behavior of reservoirs and prediction of reservoir performance.

Study program goals

Goals are intensification and scientification of knowledge in petroleum engineering, a well-balanced combination of professional education on top level with special fundamental principles, additionally project work with use of industry data and commercial software packages. To cover the future demand for petroleum and natural gas there are efforts worldwide to tap new reservoirs and to improve the utilization of already existing reservoirs, for example by improved reservoir management. The complexity of the problems that have to be solved requires that the professionals not only possess technical universality but also sound background knowledge in economics and information technology as well as management skills. The education for petroleum engineers is designed to meet this qualification profile. Petroleum industry acts globally and demands that employees can work in an international environment. The aim of this study program is that professionals acquire the ability for interdisciplinary and multidisciplinary studies of complex natural, industry and business processes and systems.

Study program outcomes

Upon completion of the degree, students are able to perform advanced-level tasks in drilling, production, and reservoir engineering. Graduate studies move from the general overview of the industry that undergraduate programs provide to in-depth knowledge of specific areas. Graduate courses provide skills and tools for solving tough engineering problems, and graduate research projects help solve some of those problems. The combination of increased understanding of the problems with the skills and tools to solve them provides the path to developing the technology of the future. It is expected that graduates are capable of applying knowledge for the understanding of complex industrial systems in different contexts and in different proportions. Students should be trained in qualitative and quantitative data interpretation by using appropriate software packages, computer solving numerical problems and numerical modeling of different processes. The ability to use modern literature and modern means of communication, and all opportunities for continued career development are the essential learning outcomes that enable graduates for further academic education at the PhD level.

Admission requirements

Completed Undergraduate academic studies in corresponding or related scientific field, with total amount of 240 ECTS credits, at least.

Contact

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Mining Engineering

at Faculty of Mining and Geology, 7 Đušina, 11000 Belgrade, www.rgf.bg.ac.rs

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

Study program content

Mining Engineering Study Program is distinguished by flexible curriculum, which represents logical continuation of the Undergraduate Academic Studies. Students, which have gained general engineering education during Undergraduate Academic Studies and which have created level and character of specialization according to their aspiration and aptitude, are offered further in depth knowledge and certain specialized skills during Master Studies. Graduate students of this study program, in relation to module, are receiving diploma of master engineer of mining and simultaneously are gaining clearly profiled competences, which make them relevant on a labor market. Program lasts for one year (two semesters) or 60 ECTS, has a clear structure and it is divide into seven modules.

Study program goals

Basic goal is to organize and perform educational process in order to provide to graduate students, master engineers of mining, skills and competences, which are suitable to selected specializations in mining. Methods applied to achieve this goal are including modern and interactive tuition forms, which are completely integrated with teaching in classrooms and laboratories and with field practice. Graduated students of Mining Engineering master academic studies are supplementing undergraduate engineering education with suitable specializations within selected module.

The goal is to enable master students to understand complex aspects of myriad industrial processes and to provide them with theoretical knowledge, as well as field and laboratory research, which are base for solving practical problems. Special attention is given to understanding of ambivalent context of natural resource problems, i.e. understanding of necessity for research and exploitation with simultaneous conservation of mineral resource, which are bases of the sustainable development. The goal of this study program is to provide experts with capability for interdisciplinary and multidisciplinary approach to examination of complex natural, business and economical processes and systems.

Study program outcomes

Expected outcomes are defined by theoretical knowledge and practical skills, which graduate students of Mining Engineering master academic studies will possess, where specific details will be defined by selection of suitable module. Regardless to selected discipline, it is expected that graduate students will be capable to independently formulate proofs for given hypothesis, to apply knowledge to understand complex industrial systems in different contexts and scale.

Students should be qualified for quality and quantity data processing by using suitable software packages, computer aided solving of numerical problems and numerical modeling of various processes. Capability for using of new references, modern communication devices and any career development possibilities are necessary outcomes for further education on doctoral studies.

Modules

1. Surface Mining of Mineral Deposits
2. Underground Mining of Mineral Deposits
3. Underground Construction
4. Mine Surveying
5. Mine Mechanization
6. Mineral Processing
7. Computing and Systematic Engineering in Mining

Admission requirements

Completed Undergraduate academic studies in corresponding or related scientific field, with total amount of 240 ECTS credits, at least.

Contact

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Environmental and Safety Engineering

at Faculty of Mining and Geology, 7 Đušina, 11000 Belgrade, www.rgf.bg.ac.rs

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

Study program content

Environmental and Safety Engineering Program is distinguished by flexible curriculum, which represents logical continuance of Undergraduate Academic Studies. Students, which have gained general engineering education during Undergraduate Academic Studies and which have created level and character of specialization according to their aspiration and aptitude, are offered further in depth knowledge and certain specialized skills during Master Studies.

Graduate students of this study program, in relation to module, are receiving diploma of master engineer of environmental protection engineer or master engineer of safety and simultaneously are gaining clearly profiled competences, which makes them relevant on labor market. Program lasts for one year (two semesters) or 60 ECTS, has a clear structure and it is divide into two modules.

Study program goals

The goal is to enable master students to understand complex aspects of myriad industrial processes and their impact on safety and environment and to provide them with theoretical knowledge, as well as field and laboratory research, which are bases for solving practical problems. Special attention is given to understanding of ambivalent context of natural resource problems, i.e. understanding of necessity for research and exploitation with simultaneous conservation of mineral resources, which are the bases of sustainable development.

The goal of this study program is to provide experts with capability for interdisciplinary and multidisciplinary approach to examination, i.e. to enable their active participation in the activities that have partial program overlapping with geosciences.

Study program outcomes

Expected outcomes are defined by theoretical knowledge and practical skills, which graduate students of Environmental and Safety Engineering master academic studies will possess, where specific details will be defined by selection of suitable module. Graduated students of this program will have practical knowledge and skills for working on waste management, design and performing of remediation, industrial waste recycling, waste water treatment, design of air protection systems, design and development of protection against noise and vibrations. Safety Engineering Module will enable students to plan and organize safety measures on machines and equipment, to plan and manage fire and explosion protection, to organize safety functions and protection within mining technological processes.

Regardless to selected discipline, it is expected that graduate students will be capable to independently formulate proofs for given hypothesis, to apply knowledge to understand complex industrial systems in different contexts and scale. Students should be qualified for quality and quantity data processing by using suitable software packages, computer aided solving of numerical problems and numerical modeling of various processes. Capability for using of new references, modern communication devices and any career development possibilities are necessary outcomes for further education on doctoral studies.

Modules

1. Environmental Engineering
2. Safety Engineering

Admission requirements

Completed Undergraduate academic studies in corresponding or related scientific field, with total amount of 240 ECTS credits, at least.

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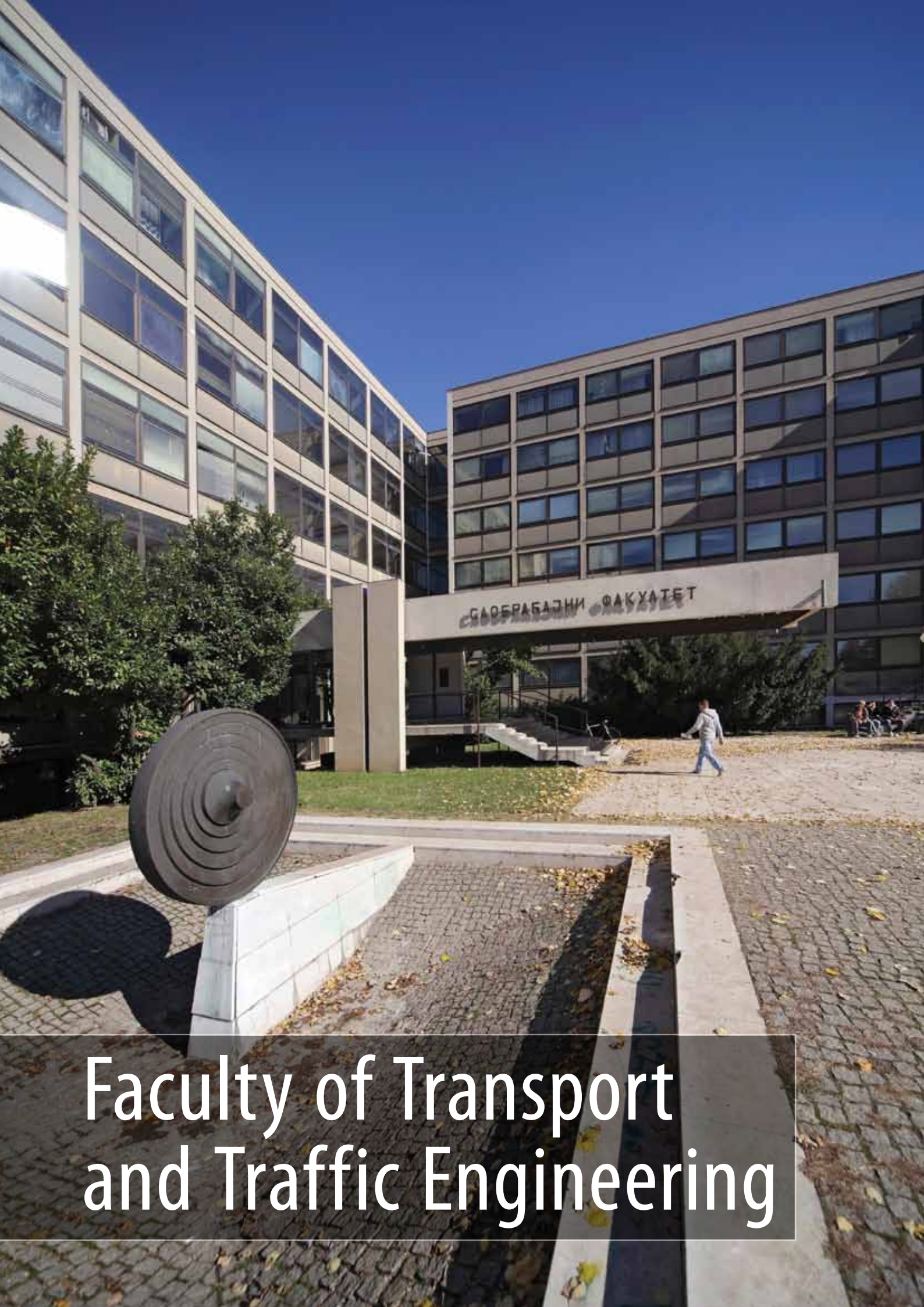

Faculty of Transport and Traffic Engineering

Traffic

at Faculty of Transport and Traffic Engineering, 305 Vojvode Stepe, 11000 Belgrade, www.sf.bg.ac.rs

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

Study program content

Development of traffic, transport, logistics and communication are necessary conditions for technological development with huge impact on economic and social progress of any country.

The purpose of this master study program is to train and qualify students for research and practical work in the area of traffic, transport, logistics and communications. Master degree program is designed to provide scientific and professional staffs, which should actively participate in Serbian progress in this area.

Study program goals

The main goals of master study programs include planning and engineering of transport, traffic, logistics and communications systems.

Master traffic engineers should have all the necessary skills for further education at a higher level of study and to following the technological progress in traffic. In addition, study programs should include the monitoring, maintenance and management of traffic, transport, logistics and communications networks and systems.

Master students should acquire the necessary knowledge using scientific methods and techniques for creatively solving the complex problems in practice and for further scientific research. Study program have to train students for teamwork and presentation of results through scientific and conference papers.

Study program outcomes

Master traffic engineers should have all the necessary skills for further education at a higher level of study. The main outcomes are: planning and designing traffic and transport networks, traffic engineering, transport engineering, planning traffic process, planning transport process, planning and engineering of logistics process, safety traffic strategies, environment protection, operational research and modeling of traffic and transport systems, developing methods and models, developing of software tools, marketing and management of traffics and transport process, optimization methods for solving different problems in traffic, transport, logistics and communications, etc.

Modules

Railway traffic and transport; Traffic engineering; Waterway traffic and transport; Transport engineering; Road traffic safety; Air traffic and transport; Logistics; Telecommunication traffic and networks; Management and economy in transportation and communications; Postal traffic and networks; Operation research in traffic.

Admission requirements

Basic studies graduates with 240 ECTS.

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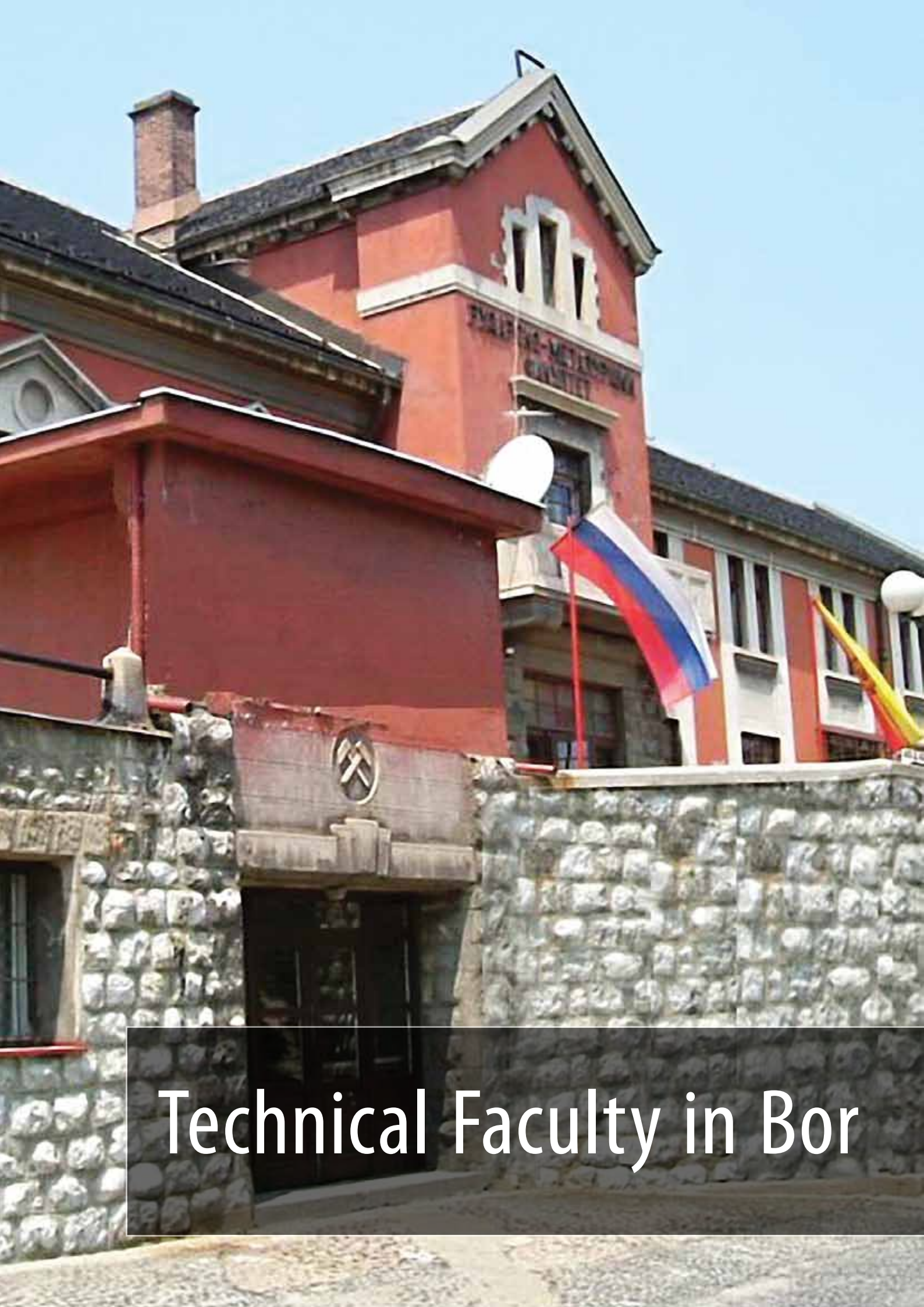

Technical Faculty in Bor

Engineering Management

at Technical Faculty In Bor, 12 Vojske Jugoslavije, 19210 Bor, www.tf.bor.ac.rs

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

Study program content

This academic master studies program which lasts two semesters brings 60 ECTS credits. Through curriculum realization students acquire knowledge in four compulsory subjects, two sets of optional subjects and writing a final master's paper. Through optional subjects and final master's thesis students opt for fields and topics according to their affinities. In all subjects teaching is realized in three ways: lectures, practice and research work of the students. Some additional methods are writing seminary papers and doing projects in actual problem situations which is realized through academic coaching.

Study program goals

The aims of the study program Master in Engineering Management, which is realized at the Technical faculty in Bor, can be defined through several statements:

- Acquiring knowledge in the field of management science (planning, organizing, guiding and controlling) on a higher level, compared to the first level of basic academic studies, from the aspect of the general insight into company functioning as a complex system,
- Development of complex portfolios of production and services economic systems from the standpoint of their continual growth and development,
- Development of creative abilities, critical thinking and systems approach to problem solving,
- Development of the ability for team work and mastering the tools and techniques needed for performing professional duties,
- Development of awareness for implementation of the highest international standards in all the activities in companies, and especially for the implementation of the quality of living standard and environment protection,
- Development of the project approach to solving problems and to realization of activities in companies.

Study program outcomes

By completing the master's program in Engineering Management, students are able to apply general and specific knowledge in certain subjects which enables them to perform their tasks effectively within their field of study. General competences of masters in Engineering Management can be applied in systematic approach to business system through logistics of its functioning with the special reference on the role of technology and anticipation of changes. Subject characteristics of masters in Engineering Management consist of capabilities and competences of planning short-term and long-term (strategic) needs of a company through a development of continual improvements system, which enables a continual growth and development of a company. Students are specially enabled to use a process approach to solving practical problems using updated tools and techniques and information-communication technologies. Masters in Engineering Management are capable to elaborate and present results of their work. Development of research potential is one of the recognizable competences of these students, which enables their involvement in the science-research projects and continuation of their education at doctoral studies.

Admission requirements

The right to apply for the master's academic studies is granted to a student who has acquired a diploma which is equivalent to the first degree of academic studies, with at least 240 ESPB points. The right to enroll into a program of Engineering Management is granted to candidates who have finished basic academic studies in the field of management, economy and organization sciences (Bachelor's degree). The other students take differential subject exams in the field of marketing, entrepreneurship, management and strategic management according to the program of four year academic studies.

Contact

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Metallurgical Engineering

at Technical Faculty In Bor, 12 Vojske Jugoslavije, 19210 Bor, www.tf.bor.ac.rs

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

Study program content

This study program represents the continuation of the basic academic program with flexible curriculum. Students, who have acquired engineering knowledge in the field of metallurgy, creating the character of their studies according to their affinities, are offered the opportunity to pursue specialist studies through course work at master academic studies. Thus, graduate students of this study program acquire clearly defined competences which make them relevant for job market.

The program includes three compulsory courses and three optional sets of 2 to 4 courses, which are relevant to the profession. The program also offers students a chance to integrate their academic studies with professional practice, which takes 90 hours in the summer semester.

At the end of the course the students submit a document in support of candidature for a master's degree in which they present their research. The methods of teaching the course material are lectures, practice, research work and other additional forms which are realized through interaction.

They are created as integration of theory and practice which enables students to apply expertise to the resolution of complex practical issues, as well as to enhance their creativity and innovation.

Study program goals

The aims of the masters academic studies of Metallurgical Engineering are directed towards acquiring academic skills, developing creative abilities and achieving professional knowledge in the field of metallurgy engineering – obtaining and processing of metals, alloys and up-to-date metal materials, and are in accordance with basic tasks and goals of education at Technical faculty in Bor which are related to a continual improvement and modernization of the education system, implementation of acquired knowledge into economy and society and approaching to the world accomplishments, as well as requirements of the job market.

Study program outcomes

Through this program students acquire adequate competences:

- They achieve adequate professional foundation for the opportunity of easy and fast upgrading of the acquired knowledge at the first level of academic education
- Opportunity to suggest solutions and anticipate consequences based on problem analysis,
- Ability of direct application of theoretical knowledge in practice,
- Ability to create and do the projects,
- High responsibility in a process of making decisions and ability to work independently
- High level of readiness to work in multi- and interdisciplinary teams
- Readiness to take a leading position in a group
- Ability to work in international surrounding - ability to deal with complex problems in the field using up-to-date scientific methods and approaches,
- Acquired feeling for continual pursuit and application of novelties in the field,
- Ability to use information-communication technologies in mastering the knowledge in special fields.

The stated competences enable graduate academic students for successful work in their profession and further academic education in doctoral studies.

Admission requirements

The person who is granted the right to enroll has a Bachelor's degree in Mining Engineering, Metallurgy Engineering and Engineering Technology, with 240 ECTS at least.

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Mining Engineering

at Technical Faculty In Bor, 12 Vojske Jugoslavije, 19210 Bor, www.tf.bor.ac.rs

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

Study program content

Master degree program lasts two semesters (one year), comprises 60 ECTS credits and consists of three modules. It is characterized by flexible curriculum which represents an adequate continuation of the basic academic studies program. Students, who have acquired general engineering education at basic academic studies, are offered the opportunity to pursue specialist studies through course work at master academic programs.

The suggested list of optional subjects, student load for each subject and the final paper project are accorded to the European System. Courses at the masters degree program in Mining metallurgy implies traditional teaching, practicing calculation techniques in the laboratory sessions and compulsory professional practice of economic activities in the surroundings - in the Mining Metallurgy Complex Bor ("RTB Bor"). The completion of the master academic studies includes writing a final paper.

Study program goals

The main aim of the study program Mining engineering is a continual improvement of the education process in all levels and the development of the study program which is adjusted to up-to-date accomplishments in science and the development of education worldwide.

The aim of the study program is its own quality and the possibility of its adequate realization through application of contemporary interactive methods with associated laboratory sessions and practice in the plants of the industrial complex "RTB Bor", which is in the close vicinity.

Also, the aim of the study program is to make complementary modules, so that the students after acquiring this degree, Masters of Mining engineering, can have an insight into complex, multidisciplinary problems on the whole, not in segments. Thus, they will be able to deal with problems successfully with maximum economical performance in ecologically acceptable environment.

Study program outcomes

Competences of the masters of Mining engineering, in addition to the acquired general engineering knowledge in Bachelor's degree, are developed skills to have an integrated outlook on solving the problems, to approach them analytically, to synthesize causative/consequence phenomena and information; the ability to deal with problems individually; anticipation of the consequences and results; mastering the methods and procedures of research as well as direct implementation of theoretical knowledge into practice. They should have the ability to work in international teams, to express creativity, to be venturous, to have a positive attitude to a quality of work and the wish to succeed, to follow an ethical code in business dealings.

Professional competences of the Masters in this field are:

- Good and detailed knowledge of elected narrow specialty in the field of mining, which is directly upgraded on the general engineering knowledge, acquired in basic academic studies;
- Feeling of need for continual pursuit for new scientific findings and accomplishments;
- Ability to use information-communication technologies in mastering the knowledge of the elected special field.

Apart from a specialty, graduate Masters are expected to have the ability for independent formulating the hypothesis, to have the ability to understand complex processes and systems and their flexibility in the function of variables.

They should also have the ability to state qualitative and quantitative changes in the processes and systems, as well as their adequate processing using adequate software, computer processing of data and modeling of the processes.

The graduate Masters have the ability to use up-to-date means of communication for following the latest scientific and professional accomplishments in the elected field; they speak foreign languages for the purpose of communication

and following the scientific literature worldwide, which is a precondition for continual development of their career in the direction of further academic education in PhD level.

Modules

Mining engineering has a clearly defined structure which consists of three modules:

- Exploitation of mineral resources,
- Preparation of mineral resources,
- Recycling technologies and sustainable development

Admission requirements

The right to apply for the Master's academic studies is granted to candidates who have finished basic academic studies in the field of technical - technological sciences, such as Mining engineering, Engineering metallurgy and Engineering technology, with at least 240 ECTS credits.

Contact

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Chemical Engineering

at Technical Faculty In Bor, 12 Vojske Jugoslavije, 19210 Bor, www.tf.bor.ac.rs

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

Study program content

The program of master academic studies - Chemical Engineering represents a continuation of basic academic studies. The program lasts one year (two semesters), i.e. 60 ECTS credits. Students, depending on the previous knowledge and personal affinities, can choose between courses related to the environment protection or inorganic chemical technology. In each case, through compulsory subjects, they will acquire knowledge which will enable them to opt for a career in their preferable field.

At this study program, through compulsory and optional subjects students study theoretical basics of the phenomenon of transfer, thermodynamics and kinetics of chemical reactions which take place in technological processes in the environment. They also study about the influence of technological processes on the environment pollution, industrial sources of polluting the environment, structure and characteristics of inorganic materials, basics of electrochemical engineering etc. Besides compulsory and optional subjects, at master academic studies there is a subject in the second semester called Theoretical basics for writing a final diploma paper.

Within this subject students analyze and formulate hypothesis of research, present of plan of research, collect literature data, do experiments discussing the results. This subject represents the introduction to the final master's paper which brings 10 ESPB. The masters in Engineering technology includes tutorials, lectures, laboratory practice and research work.

Study program goals

The main aim is organization and realization of education process which will enable the masters in Chemical Engineering to acquire competences necessary for work. Methods which are used to realize this goal include up-to-date and interactive approaches to courses, which are completely integrated with laboratory and research work. During writing the final master paper, students learn how to interpret the obtained experiment results with a suitable discussion. Such work of masters in Engineering Technology, with previously acquired knowledge on basic academic studies, provides them with good fundamental engineering education in certain fields such as phenomena of transfer and technological operations, thermodynamics and kinetics of chemical reactions which take place in technological processes, the influence of technological processes on the state of the environment etc. All this aims at successful understanding, that masters in this field should have, of very complex aspects of wide range of industrial processes and their influence on the environment. With such integrated theoretical knowledge and laboratory researches they can deal with very complex issues in practice.

Study program outcomes

After they have completed their studies, masters in Chemical Engineering acquire the following competences:

- Application of knowledge, understanding and dealing with problems in new and unknown surroundings in wider or multidisciplinary contexts connected with technical-technological field,
- Understanding and dealing with problems in various situations which arise during the work connected to technical-technological field of work,
- Logical reasoning based on available data, formulating their own opinions, presumptions and making deductions
- Analyzing, synthesizing and anticipating solutions to problems and consequences
- Mastering of the methods, procedures and processes of research
- Placement and publishing various scientific and professional information, giving opinions and exchanging ideas,
- Professionally based interpretation of experimental data and application of knowledge in practice,
- Managing professional teams and organizations
- Forming an attitude on the necessity of permanent improvement and ability to apply professional ethics.

Apart from it all, students will be able process data using adequate software and they will be able to search and use up-to-date literature in different data bases. Besides, they will acquire extended knowledge in the field of environment protection. This will make it possible for them to continue their studies in PhD level.

Admission requirements

The right to apply for the master's academic studies is granted to a student who has acquired a diploma which is equivalent to the first degree of academic studies, with at least 240 ESPB points. The right to enroll into a program of Engineering Management is granted to candidates who have finished basic academic studies in the field of management, economy and organization sciences (Bachelor's degree). The other students take differential subject exams in the field of marketing, entrepreneurship, management and strategic management according to the program of four year academic studies.

Contact

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Faculty of Technology and Metallurgy

Biochemical Engineering and Biotechnology

at Faculty of Technology and Metallurgy, 4 Karnegijeva, 11000 Belgrade, www.tmf.bg.ac.rs

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

Study program content

The full course workload of the master academic study program has been assigned 60 ECTS credits. The study program comprises active teaching and research work towards the master thesis.

Active teaching is delivered in the first semester of study and encompasses compulsory and elective courses in a total workload of at least 30 ECTS credits. In the second semester of studies, work towards the master thesis is carried out and is equivalent to a workload of 30 ECTS credits.

The master thesis represents the student's scientific research in the field of the study program. The goal of the thesis is that the students gain experience and competence to conduct scientific research independently. The defense of the master thesis is public, and both the thesis and defense are evaluated by a committee composed of the supervisor and at least two members.

Study program goals

The primary objective of the master academic study program Biochemical Engineering and Biotechnology is directed towards the education of highly qualified engineers with a broad fundamental and engineering basis in the field of biotechnology that are capable of transferring their knowledge into industrial practice, i.e. that are able to independently or in a team participate in the realization, optimization, control and management of biotechnological processes.

Besides, master engineers of this study program should be capable to work in design and R&D institutions in this area for the purpose of developing and optimizing new contemporary biotechnological procedures with small amounts of waste materials, based on the principles of integrative energy savings. In addition, the program is intended to enable students, through elective courses, to gain knowledge in concrete biotechnological processes used in food technology in order to be capable to apply them in industrial practice.

Study program outcomes

By completing the master academic study program in Biochemical Engineering and Biotechnology the students gain the following general knowledge and competences:

- Communication and social skills for explicit formulation of a problem and approaches to problem solving as well as for the presentation of results and conclusions to fellow professionals and the general public;
- Competences for independent work and the ability for team work.
- The students also gain specific professional abilities in the field of biotechnology:
- Professional knowledge for work in industry, which is based on biotechnological production processes;
- Knowledge and social and ethical competences for analyzing the effects of biotechnological processes on the environment and the health of humans;
- Professional knowledge and academic skills needed for the analysis, synthesis and optimization of novel and existing biotechnological processes;
- Professional knowledge needed for the design of biotechnological processes and devices.

Admission requirements

Graduates in academic study programs of at least 240 ECTS.

Materials and consultations in English

Contact

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Materials Engineering

at Faculty of Technology and Metallurgy, 4 Karnegijeva, 11000 Belgrade, www.tmf.bg.ac.rs

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

Study program content

The full course workload of the master academic study program has been assigned 60 ECTS credits. The study program comprises active teaching and research work towards master thesis. Active teaching is delivered in the first semester of study and encompasses compulsory and elective courses in the total workload of at least 30 ECTS credits. In the second semester of studies, the work towards master thesis is carried out and is equivalent to a workload of 30 ECTS credits. Master work represents a student's scientific-research work in the field of the study program. The goal is that the students gain experience and competence to conduct scientific research independently. The defense of master thesis is public, and both the thesis and defense are evaluated by the committee composed of the supervisor and at least two members.

Study program goals

The study program Materials Engineering at the master level is intended to educate master engineers to be able to manage production processes, to solve current problems in the production as well to design new materials and new production processes. An expert of this profile perfectly knows properties of materials and processes by which they are produced. Besides, the objective of the program is that a student masters ecological aspects of materials production, as well as knowledge needed for a successful prediction of the impact that these materials and processes might have on the environment, with a particular emphasis on the degradation of materials and possibilities of their recycling.

Study program outcomes

Graduate engineers of the study program Materials Engineering are competent for the following:

- Qualification for managing production as well as for the use of wide range of materials and control of their properties not only during production and processing but also during the period of use;
- Expertise in the fields of ceramic, polymeric, metallic and composite materials;
- Capacity to head multidisciplinary teams in industry;
- Possibility of further education at the level of doctoral program of study both in the specific field of materials engineering and in other related fields.

Admission requirements

Graduates in academic study programs of at least 240 ECTS.

Materials and consultations in English

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Chemical Engineering

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

Study program content

The full course workload of the master academic study program has been assigned 60 ECTS credits. The study program comprises active teaching and research work towards master thesis. Active teaching is delivered in the first semester of study and encompasses compulsory and elective courses in the total workload of at least 30 ECTS credits. In the second semester of studies, the work towards master thesis is carried out and is equivalent to a workload of 30 ECTS credits.

Master work represents a student's scientific-research work in the field of the study program. The goal is that the students gain experience and competence to conduct scientific research independently. The defense of master thesis is public, and both the thesis and defense are evaluated by the committee composed of the supervisor and at least two members.

Study program goals

The study program is intended to educate master chemical engineers, with specialized professional knowledge, who will assume a leading role in economy and society. Besides, the program is aimed that these professionals will have a basic knowledge of scientific-research methodology as the basis for further education at doctoral studies.

The program is also designed to be flexible, various and accordingly accessible to engineers of different disciplines, such as environmental, materials and mechanical engineers, for broadening their basic, previously gained knowledge. In addition to compulsory courses of basic sciences, offered is a wide range of elective courses providing specialization in chemical processing, pharmaceutical, polymer and electrochemical engineering, organic and inorganic chemical technology, and quality control. Offered are courses in the fields of economics, management and environmental engineering intended to train the students for the development of cleaner processes on the principles of sustainable development and environmental protection.

The objective is to acquaint the students with the methodology of scientific research, to develop their capacity for the critical analysis and synthesis of various ideas as well as their communication skills to present in writing and orally their ideas, results, and conclusions as well as relevant problems and approaches to problems solving. The ultimate objective is that the study program provides professionals needed for economic progress of the society on the principles of sustainable development as well as professionals who will be able to advance in scientific research.

Study program outcomes

By completing the master academic study program in Chemical Engineering the students gain the following general knowledge and competences:

- Ability to analyze the problems and independently devise approaches to problem solving on the basis of integrating knowledge from various disciplines with their own judgments;
- Ability to apply methods and procedures of scientific research;
- Capability for applying new ideas and solutions in practice;
- Knowledge of professional ethics.
- Students also gain specific professional abilities in the field of chemical engineering:
- Specialized theoretical and professional knowledge in certain fields of chemical engineering such as chemical processing, pharmaceutical, polymer and electro-chemical engineering, organic and inorganic technology and quality control ;
- Ability for solving complex problems in chemical engineering practice;
- Professional knowledge and abilities needed for monitoring, critical analysis and application of innovations in the field of chemical engineering;
- Competence for the creation and implementation of principles of sustainable development of economy and society.

Admission requirements

Graduates in academic study programs of at least 240 ECTS.

Materials and consultations in English

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Environmental Engineering

at Faculty of Technology and Metallurgy, 4 Karnegijeva, 11000 Belgrade, www.tmf.bg.ac.rs

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

Study program content

The full course workload of the master academic study program has been assigned 60 ECTS credits. The study program comprises active teaching and research work towards master thesis. Active teaching is delivered in the first semester of study and encompasses compulsory and elective courses in the total workload of at least 30 ECTS credits. In the second semester of studies, the work towards master thesis is carried out and is equivalent to a workload of 30 ECTS credits.

Master work represents a student's scientific-research work in the field of the study program. The goal is that the students gain experience and competence to conduct scientific research independently. The defense of master thesis is public, and both the thesis and defense are evaluated by the committee composed of the supervisor and at least two members.

Study program goals

The aim of this study program is that students, through a series of courses, gain knowledge required to monitor environmental quality, decrease the pollution in the environment and work place, design systems for purification and remediation of polluted waters, air and soil and treat solid and hazardous waste. Students are trained to understand causes of environmental pollution and to undertake control measures for the pollution prevention or decrease, as well as to manage purification and remediation processes.

Basic fields of the study program include: underground and surface waters quality control, water treatment for the appropriate purposes, waste waters purification; solid and hazardous waste management, waste materials recycling and use; air quality control, exhaust gases purification; monitoring of soil quality and remediation of contaminated soil; energy efficacy, renewable energy sources and sustainable development. In addition, students are provided with knowledge in the areas of economics, management and legal regulations in this field aiming at appropriate environmental protection with minimal costs.

The objectives of this study program are directed towards gaining academic skills and specific knowledge in accordance with current international master academic study programs in environmental engineering. Graduate students of the study program Environmental Engineering, thanks to knowledge and skills gained, are competent to recognize and solve problems of environmental protection in practice.

Study program outcomes

The knowledge that graduate students gained enable them to plan and conduct experiments, as well as to analyze and interpret data within the framework of appropriate disciplines (air, water, soil quality, waste management, resources preservation and use of materials). It must be pointed out that they are acquainted with the most recent achievements in this field and thus capable, through continual education, to improve the knowledge gained and contribute to the development of this field.

After completion of the study they are able to plan, design, and supervise operation of the systems, equipment and processes that are optimized from the standpoints of quality, costs, time, work safety, and environment and workplace protection.

Admission requirements

Graduates in academic study programs of at least 240 ECTS.

Materials and consultations in English

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Metallurgical Engineering

at Faculty of Technology and Metallurgy, 4 Karnegijeva, 11000 Belgrade, www.tmf.bg.ac.rs

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

Study program content

The full course workload of the master academic study program has been assigned 60 ECTS credits. The study program comprises active teaching and research work towards master thesis. Active teaching is delivered in the first semester of study and encompasses compulsory and elective courses in the total workload of at least 30 ECTS credits. In the second semester of studies, the work towards master thesis is carried out and is equivalent to a workload of 30 ECTS credits. Master work represents a student's scientific-research work in the field of the study program. The goal is that the students gain experience and competence to conduct scientific research independently. The defense of master thesis is public, and both the thesis and defense are evaluated by the committee composed of the supervisor and at least two members.

Study program goals

The master academic study program Metallurgical Engineering is intended:

- To provide educated engineers, possessing developed organizational capabilities, independence and self-initiative in organizing and managing production processes in the field of metallurgy;
- To stimulate students of the master study program to creative and logical thinking;
- To provide to future master engineers of metallurgy capacities to apply successfully their professional knowledge and specific practical skills gained for solving relevant complex problems;
- To establish stronger links between educational institutions and industry, with the aim of creating specialized engineers in the field of metallurgy;
- To effectively monitor and adopt new technological achievements in the selected areas of metallurgy.

Study program outcomes

By completing the master academic study program Metallurgical Engineering the students gain the following knowledge and competences:

- Improved knowledge, understanding and specific professional skills in the field of development, production, characterization, and application of new, contemporary, as well as construction metallic materials and products;
- Capacity for the analysis, synthesis and prediction of certain problems in practice, which might have various consequences, as well as for proposing solutions in the field of metallurgy;
- Knowledge and skills for an independent and team work when solving complex problems;
- Ability for integrating the gained knowledge and specific practical skills and dexterities, to help in more prompt solving of problems that might arise in the profession;
- Qualification for efficient monitoring and adoption of new achievements in the field of development, production and application of contemporary, construction metallic materials and products;
- Capability for applying information technology to automation of production processes of new metallic materials;
- Skills for presenting the knowledge gained in the field of metallurgy to fellow professionals and broader public;
- Capability for critical and self-critical thinking and approaches to the profession, with the aim of improving the existing state.

Admission requirements

Graduates in academic study programs of at least 240 ECTS.

Materials and consultations in English

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Textile Engineering

at Faculty of Technology and Metallurgy, 4 Karnegijeva, 11000 Belgrade, www.tmf.bg.ac.rs

ECTS: 120/ LANGUAGE OF INSTRUCTION: SERBIAN/ DEGREE: MASTER

Study program content

The full course workload of the master academic study program has been assigned 120 ECTS credits. The study program comprises active teaching and work towards the master thesis. Active teaching is delivered in the first three semesters and encompasses compulsory and elective courses in a total workload of at least 90 ECTS credits. In the fourth semester work towards master thesis is conducted, the workload being 30 ECTS credits.

The master thesis represents the student's scientific research in the field of the study program. The goal is that the students gain experience and competence to conduct scientific research independently. The defense of the master thesis is public, and both the thesis and defense are evaluated by a committee composed of the supervisor and at least two members.

Study program goals

The master academic study program Textile Engineering is intended to provide engineers with expanded competences, skills and capabilities as well as with specialized knowledge, in particular by studying disciplines in elective modules, so that they might successfully apply their knowledge both in industrial practice and in scientific research.

By solving concrete problems, through the use of scientific methods and procedures, along with the development of critical and self-critical thinking and approaches, the graduates should be able to greatly contribute to the development of the textile and clothing industry.

Study program outcomes

By completing the master academic study program Textile Engineering a student gains new general and course-specific specialized capacities, such as:

- The understanding and mastering of physicochemical and mechanical processes, procedures and methods in the production and exploitation of textile materials and products;
- The ability for the work in industrial conditions in the production of textile materials and products;
- The capability for independent research and scientific work;
- A "scientific-engineering" approach to solving technical and technological problems;
- Communication skills to present results and conclusions clearly as well as to formulate problems and approaches to problem solving;
- The ability to work in a team;
- The ability for improving technological processes through the application of alternative processing equipment and more efficient and cleaner technological solutions.

Admission requirements

Graduates in academic study programs of at least 180 ECTS.

Materials and consultations in English

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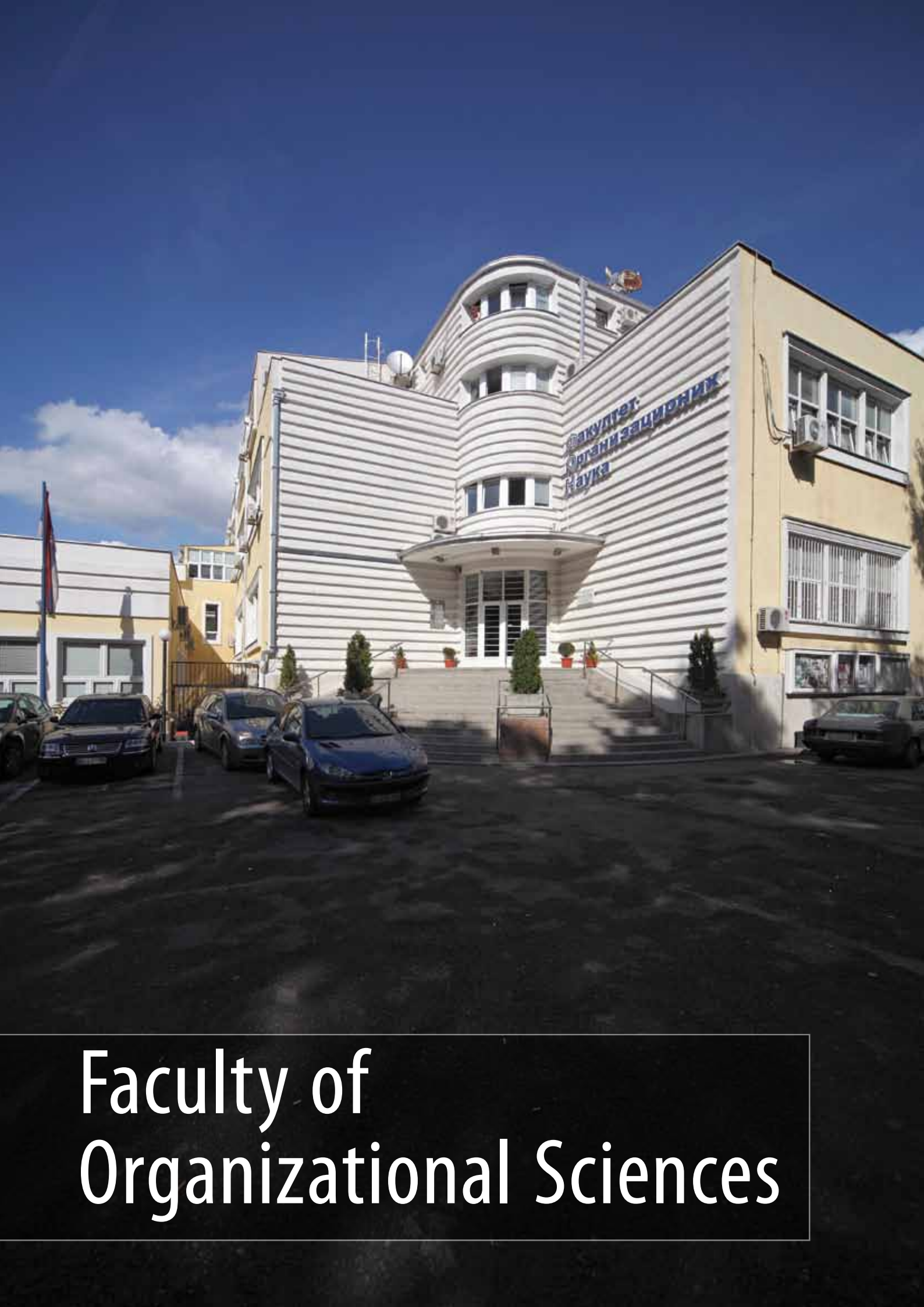

Faculty of Organizational Sciences

Management

at Faculty of Organizational Sciences, 154 Jove Ilića, 11000 Belgrade, www.fon.bg.ac.rs

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

Study program content

The Master's degree study program of Management is the continuation of undergraduate studies at the Faculty of Organizational Sciences, University of Belgrade. Students have the option to continue academic training through the third cycle of academic studies - PhD studies after these studies. The program is directed towards the use of synergistic benefits, combining social side of management and information systems and technologies. It lasts for two semesters and allows students to gain 60 ECTS in the course of one year and the academic title of Master of Arts in Management.

Study program goals

The goals of Management Master's degree study program are to provide students with the knowledge, skills and competences in the field of modern management, including general management and functional management, taking the multidisciplinary nature of this program as its essential feature into account. The program goals are also for students to acquire the knowledge and skills necessary for them to formulate and understand practical problems and find ways to solve them adequately by achieving strategic and operational objectives of the organization, while also being aware of their relationship with the environment. Finally, the aims of the program are to facilitate and prepare students to continue education at higher study levels.

Study program outcomes

By completing this degree program, a student gains the following general capabilities:

- Analysis, synthesis and forecasting solutions in complex business situations;
- Mastery research methods in management and business models;
- Development of critical thinking and original approach;
- Application of new knowledge in practice;
- Business communication and cooperation with domestic and international environment;
- Starting initiatives and creative action in conditions of rapid change;
- Knowledge and understanding of management process as a whole and individual functional management;
- Connecting knowledge from different fields and their applications;
- Continuous monitoring and acquisition of new knowledge and application of new competencies;
- Presentation of research results and activities;
- Communication in the process of decision implementation;
- Analysis and forecasting of domestic and international environment;
- Decision-making under uncertainty and management of specific types of risk.

Modules

There are seven modules, namely: Management, Marketing Management, Marketing Management and Public Relations, Human Resource Management, European Management and Globalization, Financial Management and Financial Risk Management, Project Management and Management in Education.

Admission requirements

Admission is available to every person that has earned at least 240 ECTS.

Contact

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International Business and Management

at Faculty of Organizational Sciences and Middlesex University School of Business,
154 Jove Ilića, 11000 Belgrade, www.fon.bg.ac.rs

ECTS: 90/ LANGUAGE OF INSTRUCTION: ENGLISH/ DEGREE: MASTER - DUAL DIPLOMA

Study program content

Master Degree in International Business and Management comprises compulsory and elective subjects, with a total of 90 ECTS for the period of three semesters. The program comprises four compulsory subjects, two electives and the dissertation. Items carry 10 ECTS, and the thesis 30 ECTS. The dissertation contains of: Access work with 8 ECTS, Professional Practice with 4 ECTS and Final Course Work with 18 ECTS.

The structure of curriculum is aligned with the partner institution to match the requirements of master degree and a point system in the UK.

Study program goals

The main focus of master's studies is education in the field of international business - business and management in order to obtain current theoretical and practical knowledge and mastery of techniques and skills relevant to this area.

This is achieved through:

1. Dissemination of knowledge and understanding of concepts, models, methods and techniques of international business and management,
2. Developing of the decision-making capacities in the company in all relevant areas related to the complex international business environments,
3. Monitoring and understanding of changes in the domain of theory and practice of international business and management.

Study program outcomes

On completion of this program, students, based on their acquired knowledge, will be able to understand and apply basic concepts, methods, models and techniques in solving strategic and operational business issues and management in an international environment - primarily in the manufacturing and service companies with international business operations.

In addition, they acquire analytical skills, critical thinking, teamwork, and develop conclusions. They acquire a basis for inclusion in further academic training programs, and a double degree allows them to continue education both at home and abroad.

Admission requirements

- Candidates with BSc/BA awards with an equivalent of 240 ECTS
- Candidates with proficiency in English language, minimum IELTS score of 6.5
- Computer literacy

Contact

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Engineering and Operations Management (EOM)

at Faculty of Organizational Sciences, 154 Jove Ilića, 11000 Belgrade, www.fon.bg.ac.rs

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

Study program content

EOM study program combines both technical and business courses in four study areas. It educates graduate engineers to create, launch, operate and improve management practices (managing businesses, operating functions, resources and production and service operations), qualifying them for practical work and further education in doctoral studies in the areas of work (organized, creative, innovative, teamwork) and management (synchronized and harmonized) - planning, organizing, transforming and controlling through contemporary / interactive combination of models, methods, technical equipment and organizational tools and business resources.

Study program goals

EOM study program has clearly defined objectives; they are reflected in the goals of individual study areas:

- Training of young and talented students for independent and team work in solving problems in manufacturing and service business systems through the implementation of process, systematic and engineering approach;
- Training of candidates for further personal improvement through the unique combination of quantitative models and methods and qualitative conceptual approaches for the successful resolution of engineering and management problems in the CIM and CIL environment;
- The acquisition of academic "tools" - the ability to create and use models, methods and techniques, technical resources and appropriate organizational aids for engaging in entrepreneurship (creation - generating and /or "findings" as well as validation and realization of potential business ideas) and management (establishment and leadership of) SMEs;
- Understanding of the leading ecological theories, concepts, principles and experiences in order to: define and solve environmental problems, analyze environmental objectives and risks, use standards for environmental management (EMAS and ISO standards), understand political, economic, legal, international and social implications of human interactions with the environment, manage the impact of products/services on the environment and implement sustainable development strategies.

Study program outcomes

Graduate students can design and start up integrally (in business, technical, environmental sense, etc..) optimized systems and manage them, as well as promote badly resolved phenomena in the field of engineering and operations management; They know how to devise a research plan, conduct research, process the results statistically, prepare well documented reports in order to ensure efficient and effective use of resources - along with the preservation of the environment.

This study program provides students with the competence to:

1. Forecast, plan, and determine the status, as well as to analyze and improve the practice - through innovation, recognition of environmental aspects of operations, rationalization, cost reduction and cycle time;
2. Create and evaluate entrepreneurial ideas, gather and engage the resources, establish enterprises (SMEs);
3. Manage systems: plan, organize, and control the transformation of resources and results in systems that integrate people, equipment, materials, energy and information for production and service provision;
4. Apply process approach (engineering process), ISO standards, integrated management systems, set up and improve performance systems;
5. Apply modern information technology in the integration of logistics and manufacturing processes and in designing, organizing and monitoring the performance of logistic and flexible production systems. Students are also being prepared for their further theoretical work (PhD studies).

Modules

The study program Engineering and Operations Management consists of four study areas: Engineering Management, Computer Integrated Manufacturing and Logistics, SMEs Entrepreneurial Management and Environmental Management.

Admission requirements

Admission is available to every person that has earned at least 240 ECTS.

Contact

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Management and Organization

at Faculty of Organizational Sciences, 154 Jove Ilića, 11000 Belgrade, www.fon.bg.ac.rs

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

Study program content

Management and Organization Master's degree program is a response to the growing demand, both nationally and globally, for personnel able to apply management and organizational skills and methods in the management of organizational systems. After finishing this program, the candidates are left with the possibility to continue their academic education through the third cycle of academic studies - PhD studies. The program is directed towards the use of synergistic combination of advantages of both management and information systems and technologies. The program lasts for two semesters and allows students to gain 60 ECTS in the course of year and the academic degree of Master of Science in Organizational Sciences.

Study program goals

The objectives of Management and Organization Master's degree program are:

- To develop the skills for using quantitative and qualitative methodology of data collection, analysis, interpretation of data on organizational systems and their environment in order to make decisions;
- To develop the skills for self-understanding and the formulation, modeling, analysis and solving of a a problem;
- To enable students to understand the changes in the environment of organizational systems not only at national but also international level, especially in the context of European business space;
- To develop students' abilities of team work and work in multicultural environments;
- To transfer the best practices of domestic, foreign and international companies and institutions;
- To teach students to work in accordance with domestic and foreign regulations, standards and legal regulations;
- To create highly educated professionals with managerial, leadership and entrepreneurial characteristics;
- To enable students to continue their further education at higher study levels.

Study program outcomes

Through the Management and Organization Master's degree program, a student develops skills such as:

- Use of methods, procedures and processes of research and analysis;
- Implementation of problem analysis and synthesis, prediction and proposing solutions;
- Taking the initiative to achieve goals and actively participate in business processes;
- Making complex decisions, delegating responsibility, implementation of tasks and efficient utilization of potential employees;
- Written and oral communication through clear presentation and communication in accordance to the needs;
- Independent application of acquired knowledge and solve practical problems;
- Critical thinking, creative and independent action;
- Research, analysis, design and implementation of business processes and organizations;
- Planning, organizing, managing and controlling business processes, enterprise functions and organizations;
- Monitoring and application of modern knowledge in this area;
- Using the most advanced information and communication technology and software support;
- Knowledge of political, economic, social, technological and legal environments for businesses;
- Conducting the statistical analysis of results and the formulation and adoption of its findings independently;
- Decision-making through the development of alternative courses of action, taking into consideration resources, constraints and organizational values.

Modules

There are nine study groups in this program: Management, European Business and Management, Public Relations and Multimedia Communication, Organization and Restructuring of Business Systems, Business Intelligence, Financial Risk Management, Human Resource Management, Project and Investment Management.

Admission requirements

Admission is available to every person that has earned at least 240 ECTS.

Contact

Head of the study program:
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Information Systems and Technologies

at Faculty of Organizational Sciences, 154 Jove Ilića, 11000 Belgrade, www.fon.bg.ac.rs

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

Study program content

Master's degree program of academic study of information systems and technology is a natural extension of undergraduate studies. In this sense, the program allows the deepening of the acquired and acquiring new knowledge in databases, information systems development, information technology, computer networks and various aspects of IT management.

The content of studies is suitable for students who have completed undergraduate studies in another field of technical and technological sciences, and who want further professional training and graduation in the field of information systems and technologies.

Study program goals

The objectives of the master's degree program of academic studies in the field of information systems and technologies include:

- Improvement of theoretical and practical knowledge, needed for an engineer of information systems and technologies to work in the software industry, on the tasks that belong to the development, maintenance and administration of information systems of different kind;
- Deepening of the knowledge in the field of information systems, information technologies and IT management, as well as mastering the current applications in the field of databases, information systems development, integrated software solutions, software architecture, computer networks, the human-computer interactions, management information systems development, risk management, etc.
- Enabling students, who have received undergraduate diploma at the Faculty of Organizational Sciences or some other Faculty in the field of technical or technological sciences, to gain additional knowledge in the field of information systems, information technologies and IT management;
- Providing practical experience in working on designing, implementing and managing the information systems development, both in the individual engagement, and the teamwork, through involvement of students in existing and new practical projects, and through mandatory work placement.

Study program outcomes

The study program outcome is mastering some of the possible combinations of the following knowledge and skills:

- Design, usage and administration of databases;
- independent and team work on the development, administration and maintenance of information systems, management of IS development and management of IS operational work, research in IST area, as well as in education;
- Analysis of user requirements in different applicative domains and modeling software that will support such requirements
- Use of modern software environments and tools for the development of modern information systems;
- Establishing and ensuring software quality;
- Ensuring the protection of data in information systems from unauthorized usage, attacks from the network, viruses, etc..;
- Management of information systems development, risk management and providing consulting services in development;
- Work in multidisciplinary teams that require information systems and technology support;
- Mastering of concepts and theoretical principles of computer sciences, which will enable him to work independently, as well as participation in the information and interdisciplinary teams;
- Knowledge necessary for the selection, design, implementation, integration and administration of information technology.

Modules

Information Systems;
Information Technologies;
IT Management

Admission requirements

Admission is available to every person that has earned at least 240 ECTS.

Contact

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Operations Research and Computational Statistics (ORCS)

at Faculty of Organizational Sciences, 154 Jove Ilića, 11000 Belgrade, www.fon.bg.ac.rs

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

Study program content

Master's degree academic program in Operations Research and Computational Statistics was made on the basis of the previous three modules: Operations Research, Computational Statistics and Quantitative Methods in Management. The program of Operations Research and Computer Statistics was developed within two main areas, given the very name of the program, which is why it is of interest not only to undergraduate studies of FOS, but also to engineers from all other technical schools, as well as to economists and mathematicians who want to expand their knowledge in these areas.

The development of information systems and technology and the role of management in modern economy have increased the importance of operations research as the basic scientific discipline dealing with the analysis and selection of optimal management decisions (which is why the Anglo Saxon literature interchangeably uses the terms Operations Research and Management Science) and the importance of computational statistics as a modern branch of applied statistics based on the intensive use of modern information technologies that provide quick and easy access to a large number of data. This has increased the need for qualified decision analysts who are expert in methods and techniques of operations research and statistics.

Study program goals

The purpose of the ORCS program is the education of students qualified for the practical application of both classical and the latest mathematical and statistical methods in the planning and managing of organizational systems. In addition to mastering the skills for practical problem solving in the ORCS study program, the knowledge required for further academic study of theoretical and practical open problems is also broadened.

Study program outcomes

Students acquire general skills necessary for the analysis of management problems, creation of potential solutions, predicting consequences, and optimal decision choice. They are competent to solve management problems by using Operations Research and Computational Statistics methods and techniques.

Special qualifications include: Developing mathematical models for management problems; Understanding, studying and modeling of stochastic processes; Collecting and analyzing data; Statistical processing and analysis; Making forecasts; Experimenting with mathematical models of decision problems; Choosing optimal decision by solving the corresponding optimization problem; Implementing solution in practice; Applying knowledge to solve problems in new or unfamiliar environment as well as in multidisciplinary areas; Working with modern software packages for optimization; Working with modern software packages for statistics. In addition, students are trained for research and independent study of new theoretical and technological achievements so that they can easily continue their education on doctoral studies.

Modules

Operations Research, Computational Statistics.

Admission requirements

Admission is available to every person that has earned at least 240 ECTS.

Contact

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Quality Management

at Faculty of Organizational Sciences, 154 Jove Ilića, 11000 Belgrade, www.fon.bg.ac.rs

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

Study program content

The study program of Quality Management is based on three modules: Quality Management, Quality Engineering and Quality System of Environmental Management System. Teaching methods used in this study program are lecturing, active learning methods (workshops, case studies and discussion groups) and practical exercises.

Study program goals

The goals of Quality Management study program are:

- Development of academic skills and knowledge in the area of Quality Management, Quality Engineering and Environmental Management System.
- Development of specific critical and analytical thinking skills for quality management
- Development of problem-solving skills in area of Quality management, Quality Engineering and Environmental Management System.

Study program outcomes

Students graduating with the degree in Quality Management study program will:

- Be capable of understanding complex phenomena in the area of Quality Management, Quality Engineering and Environmental Management System,
- Acquire excellent problem-identification and problem-solving skills for today's changing work environment in the area of Quality Management, Quality Engineering and Environmental Management System,
- Acquire theoretical and practical knowledge in the area of Quality Management which can be used in critical analysis within organizations for the quality improvement,
- Be fully capable of solving quality issues within an organization and partly capable of solving problems of complex products quality,
- Be capable of implementing system and process approach in organizations, define basic subsystems of organizational systems, identify core inputs and outputs and processes of Quality Management
- Be capable of understanding quality infrastructure and the role of national and international organizations in this area and
- Be capable of implementing quality management systems requirements.

Modules

The study program of Quality Management is based on three modules: Quality Management, Quality Engineering and Environmental Management System.

Admission requirements

Students need to possess a BSc degree (the list of eligible universities can be found at http://master.fon.rs/) and to have acquired at least 240 ECTS.

Contact

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Electronic Business and System Management

at Faculty of Organizational Sciences, 154 Jove Ilića, 11000 Belgrade, www.fon.bg.ac.rs

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

Study program content

Master's degree study program in the area of Electronic Business and System Management enables students to gain new and practical experiences, as well as to improve and upgrade the previously gained knowledge and skills in the areas within the scope of this program.

The study program is composed of three modules: Electronic Business, Cyber Crime and System Management. At admission, students choose one of this program's three modules.

Teaching methods include: lectures, practical exercises, experimental laboratory work, case studies, etc.

Study program goals

The main goals of Electronic Business and System Management study program include: achieving competences and academic skills in the area of E-business, System Management and Cyber Crime. These skills comprise knowledge from the following areas:

- Design of E-business systems and business via the Internet
- Mastering of various software tools for electronic and Internet business system implementation
- Mastering of technologies needed for doing business via the Internet
- Web application design and implementation
- Design and implementation of electronic commerce systems, electronic banking systems, electronic learning systems, and electronic government systems
- Application of CRM in electronic business
- Mobile business
- Organizational system management
- Identifying the need for providing information system and computer network security
- Comprehension of the legal systems and procedures related to electronic evidence and their usage in forensic investigation
- Prevention and repression of different categories of most dangerous crime acts in society
- Provision of the necessary instruments for problem analysis and synthesis of knowledge within the area of forensics, security, crime
- Students' works on projects

Study program outcomes

Completing E-business and system management study program students gain the following specific skills:

- Thorough knowledge and understanding of e-business
- Thorough knowledge and understanding of Internet technologies
- Planning business presence on Internet
- Corporative portal design and implementation
- Design and implementation of electronic commerce system
- Design and implementation of electronic government system
- Design and implementation of electronic banking system
- Design and implementation of electronic education system
- Risk management in e-business
- Customer relationship management in e-business
- Using electronic education system for permanent education
- Design and implementation of dynamic organizational systems
- Understanding of changes in competences and essential principles in forensics
- Ability for identification of necessity for providing security in information systems and computer networks
- Analysis of collecting electronic evidence principles and their usage in judicial process
- Applying the legal concepts of protection
- Understanding jurisdictional techniques for implementation procedures of criminal prosecution and punishment of offenders in the area of computer data and networks.

Modules

Electronic business, Cyber crime, System Management

Admission requirements

Admission is available to every person that has earned at least 240 ECTS.

Contact

Head of the study program:
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Software Engineering and Computer Science

at Faculty of Organizational Sciences, 154 Jove Ilića, 11000 Belgrade, www.fon.bg.ac.rs

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

Study program content

Software engineering and computer science study program is divided into two modules:

- Software Engineering and
- Computer Science

The purpose of education and specialization of students in the field of software engineering and computer science is the training of experts for the profession of software engineers, or for an occupation related to software development, ie. for analysis, design, implementation, testing and maintenance of all types of software.

The curriculum of this program is such that it reflects the vision of software engineering and computer science development and involves the proper balance between the thematic areas of software engineering, computer science and other areas of computing. The teaching methods are in the form of lectures, exercises, laboratory exercises, case studies etc.

Study program goals

The objectives of this study program include:

- Improvement of theoretical and practical knowledge required for a software engineer to work on the development, maintenance and administration of various kinds of software in software industry;
- Deepening of the knowledge in the field of theoretical and algorithmic computer science basics, as well as the mastering of their current application in intelligent systems, computer graphics, soft-computing, human-computer interaction etc;
- Sharing practical experience in both independent and team work on software design and software implementation, by means of involving students in the existing and new practical projects, and obligatory professional training;
- Providing a foundation for research work, as well as for continuing education in the relevant doctoral study programs.

Study program outcomes

- Maintenance and quality assurance of software by using current frameworks for that purpose, and compatible frameworks in software development;
- Ensuring the protection of data in software systems from unauthorized attacks from the network, viruses, etc.;
- Managing software projects and providing consulting services in software development;
- Work in multidisciplinary teams that require the development of software or technical support of software engineers;
- Mastering the concepts and theoretical principles of computer science that enable a student to work independently, as well as to participate in information and interdisciplinary teams;
- Acquiring the ability to perform complex programming tasks and leadership in programming teams;
- Acquiring the ability to develop effective solutions of various problems in computer science.

Modules

Software Engineering and Computer Science.

Admission requirements

Admission is available to every person that has earned at least 240 ECTS.

Contact

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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

Head of the study program:

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Multidisciplinary Graduate Studies

Preventive Conservation

at University of Belgrade, 1 Studentski trg, 11000 Belgrade, www.bg.ac.rs

ECTS: 60/ LANGUAGE OF INSTRUCTION: SERBIAN, ENGLISH OR FRENCH/ DEGREE: MASTER

Study program content

The academic Master program in Preventive Conservation is dedicated to the study of the concept of preventive conservation of cultural heritage, which represents an important part of the practice of different institutions specialized in protection and care of collections and funds. Preventive conservation involves creating and maintaining an appropriate environment for collections and funds, whether it comes to storage, display or transport of works of art.

Preventive conservation makes it possible to reduce or eliminate various risks, to reduce the costs of conservation-restoration, or to avoid conservation-restoration completely.

The implementation of the principles of preventive conservation is the responsibility of everyone working in the field of protection of cultural heritage. Education in the field of preventive conservation is a priority, given the current state of affairs in heritage protection in Serbia, and taking into account the inadequate level of training of professionals in museums, libraries and archives, which may compromise the integrity and preservation of objects.

The study program lasts one year, divided into two semesters. The program will consist of theoretical and practical parts: in addition to lectures, students will have practical exercises in institutions for protection and work on case studies. In this way, students will have the opportunity to learn about the different aspects and issues in preventive conservation. The emphasis of practical exercises will be on teamwork, interactivity and exchange with professors and professionals.

The practical part of the program is concluded with a two-month internship in one of the institutions for protection, which is mandatory for all the students. During the internship, the students will have to demonstrate that they acquired knowledge and are able to apply it independently in a professional context.

Study program goals

The objectives of the program are to:

- Transfer knowledge to students in the field of preventive conservation, the application of which will ensure control of existing risks that lead to deterioration and destruction of the cultural heritage.
- Educate students to assess the needs of conservation institutions related to protection, application of appropriate methodology for analysis and evaluation of storage and exposure conditions, and taking into account the resources available, providing them with appropriate knowledge, competencies and skills.
- Provide students with a basis for strategic planning in the field of conservation, in collaboration with colleagues at the institution. In this way, the appropriate modification of ways the institution functions is achieved, and conditions for conservation of objects is improved.
- Improve the students' presentation skills and their ability to interpret information related to applications of preventive conservation.
- Develop various research disciplines and achieve technical and theoretical progress on international level, including studying of a foreign language (English / French).

Study program outcomes

At the end of the program, students will be able to:

- Understand and apply principles of preventive conservation, as an integrated system of care and protection of cultural heritage and identify different levels of its use in museums, libraries and archives.
- Analyze and evaluate the processes that lead to decline of collections and funds in museums, archives and libraries.
- Identify and apply appropriate techniques that allow control and mitigate or eliminate the process of deterioration.

- Make appropriate decisions in the field of preventive conservation, whether in terms of daily activities in the institution or through participation in institutional projects.
- Plan and implement preventive conservation projects in specialized institutions.
- Apply different communication techniques on presentation, justification and discussion of results achieved in conservation institutions, as well as with experts from other institutions.

Admission requirements

Master in Preventive Conservation accepts English-speaking candidates of all profiles who completed their undergraduate studies under pre-Bologna regulations, within four years (240 ECTS). Knowing French is recommended.

Contact

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Terrorism, Organized Crime and Security

at University of Belgrade, 1 Studentski trg, 11000 Belgrade, www.bg.ac.rs

ECTS: 120/ LANGUAGE OF INSTRUCTION: SERBIAN/ DEGREE: MASTER

Study program content

Master program Terrorism, organized crime and security are conceived with the idea to provide graduate university students, including reporters and journalists, private enterprises as well as CSOs necessary preparation for professional dealing with European and international policies, good government and strategic management in domain of security, especially in prevention and combating terrorism and organized crime.

Master program Terrorism, organized crime and security has evolved from experiences of Faculty of Political Science and Faculty of Law, which had, during past decade, organized specialist courses (executive master) dealing with these issues. Large number of candidates interested in this kind of program, fact that many of them aim to promote their knowledge and get higher degree in this field of study – mainly political, judicial and security aspects. This proved the need for establishing a master program that would provide them with adequate knowledge and skills, in a theoretical and analytical, but also in a practical and applicable manner, in the field of combating two most important threats to modern world: terrorism and organized crime.

This program should contribute to achieving higher level of security culture and increasing students' specific scientific knowledge, so that they can be efficiently engaged in contemporary international as well as internal trends in fighting terrorism and organized crime.

Study program goals

Program goal is to provide candidates with all the necessary, specific political and judicial knowledge for fighting terrorism and organized crime as well as skills necessary for managing this combat, and to make sure that this knowledge is in line with international standards. In line with this general goal, program aims to instruct candidates not only about phenomenology of terrorism and organized crime, but also about most up to date methods for fighting these destructive phenomena, both in terms of scientific research and practical prevention. Master program Terrorism, organized crime and security is designed in a way to provide its graduates necessary preparation for professional dealing – within national, regional and international institutions - with European and international policies, good government and strategic management in domain of security, especially in prevention and combating terrorism and organized crime.

Study program outcomes

By mastering the program Terrorism, organized crime and security student will gain the following general skills:

- Analysis, synthesis and predicting of solutions and consequences in complex situations;
- Mastering up to date knowledge about terrorism and organized crime and methods of combating these security challenges
- Mastering up to date methods, procedures and processes in research on terrorism, organized crime and corruption
- Mastering up to date knowledge about various aspects of security
- Involvement in the research process
- Development of critical thinking and original approaches
- Application of recently assimilated multidisciplinary knowledge in solving specific problems
- Development of communication skills and skills for cooperation with local and international factors
- Taking initiative and creative acting in rapidly changing environment
- Adopting professional ethics and raising of security culture
- Student will also gain following specific skills:
- Knowledge and understanding of the essential issues and characteristics of political violence, concept of security, as well as terrorism, organized crime and corruption as security challenges
- Understanding of importance of criminal law procedure and its elements in fighting terrorism
- Understanding of importance of developing high level of security culture

- Capability to be up to date with and apply innovations in one's line of work
- Interconnecting of knowledge from various fields: Political science, Law and jurisprudence, Security studies
- Mastering use of ICTs (databases, technical and scientific texts, legislation etc.) in gaining knowledge from the fields of study included in this program
- Application of gained knowledge in practice (during internship).

Admission requirements

Eligible candidates are university graduates with degree from three year-long bachelor programs (180 ECTS).

Contact

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Terrorism, Organized Crime and Security

at University of Belgrade, 1 Studentski trg, 11000 Belgrade, www.bg.ac.rs

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

Study program content

Master program Terrorism, organized crime and security are conceived with the idea to provide graduate university students, including reporters and journalists, private enterprises as well as CSOs necessary preparation for professional dealing with European and international policies, good government and strategic management in domain of security, especially in prevention and combating terrorism and organized crime.

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Study program goals

Program goal is to provide candidates with all the necessary, specific political and judicial knowledge for fighting terrorism and organized crime as well as skills necessary for managing this combat, and to make sure that this knowledge is in line with international standards. In line with this general goal, program aims to instruct candidates not only about phenomenology of terrorism and organized crime, but also about most up to date methods for fighting these destructive phenomena, both in terms of scientific research and practical prevention. Master program Terrorism, organized crime and security is designed in a way to provide its graduates necessary preparation for professional dealing – within national, regional and international institutions - with European and international policies, good government and strategic management in domain of security, especially in prevention and combating terrorism and organized crime.

Study program outcomes

By mastering the program Terrorism, organized crime and security student will gain the following general skills:

- Analysis, synthesis and predicting of solutions and consequences in complex situations;
- Mastering up to date knowledge about terrorism and organized crime and methods of combating these security challenges
- Mastering up to date methods, procedures and processes in research on terrorism, organized crime and corruption
- Mastering up to date knowledge about various aspects of security
- Involvement in the research process
- Development of critical thinking and original approaches
- Application of recently assimilated multidisciplinary knowledge in solving specific problems
- Development of communication skills and skills for cooperation with local and international factors
- Taking initiative and creative acting in rapidly changing environment
- Adopting professional ethics and raising of security culture
- Knowledge and understanding of the essential issues and characteristics of political violence, concept of security, as well as terrorism, organized crime and corruption as security challenges
- Understanding of importance of criminal law procedure and its elements in fighting terrorism
- Understanding of importance of developing high level of security culture

- Capability to be up to date with and apply innovations in one's line of work
- Interconnecting of knowledge from various fields: Political science, Law and jurisprudence, Security studies
- Mastering use of ICTs (databases, technical and scientific texts, legislation etc.) in gaining knowledge from the fields of study included in this program
- Application of gained knowledge in practice (during internship).

Admission requirements

Eligible candidates are university graduates with degree from four year-long bachelor programs (240 ECTS).

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European and International Policies and Crisis Management

at University of Belgrade, 1 Studentski trg, 11000 Belgrade, www.bg.ac.rs

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

Study program content

Study program on European and International policies and crisis management has an international character and is organized in cooperation between University of Belgrade and University of Rome „La Spienza". It is the first joint master program in Europe and is carried out from year 2001.

Through lectures, students acquire knowledge on economic, political, geopolitical and institutional system functioning, which represents a ground for studying of emergence and development of social crisis, humanitarian problems and human rights violations. From knowledge integrated in such a way, candidates will attain a competency level which will allow them to apply their knowledge in practice or to continue their education in science.

The program is carried out with a multidisciplinary approach; lectures are interactive and conducted in English language. Also, present is the mobility of teachers and students between two universities which signed the cooperation agreement.

The courses are organized through lectures and include eight modules, three workshops, internship and preparation of a project work (master thesis). Each of the activities is assessed by a certain number of ECTS credits. A number of experts who, although without an academic title, are experienced in dealing with practical issues, also took part in this program.

Study program goals

The aim of the studies is acquiring the educational foundation and concrete knowledge that will be professionally applied in resolving the humanitarian problems of human rights and the management of social crises.

Study program outcomes

At a general level, students get an insight into the functioning of the political, economic, geopolitical and institutional system as an environment in which they would study the origin and development of social crises, humanitarian issues and human rights violations. From the entire cognitive framework students acquire knowledge and skills that enable them to deal with direct professional work or to continue further improving and dealing with science.

Modules

Modules: Economics, Geopolitics, European integration policy, International organizations and international relations, Institution building and related project management, Humanitarian affairs and human rights legislations, Crisis prevention and management and Environmental sustainability.

Admission requirements

Study program can enroll candidates of all profiles that have completed basic studies of the previous regulations and basic studies in the four year (240 ECTS), with the knowledge of English.

Contact

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Entrepreneurial Management

at University of Belgrade, 1 Studentski trg, 11000 Belgrade, www.bg.ac.rs

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

Study program content

Master studies in Entrepreneurial Management were developed as part of the TEMPUS project "Conversion Courses for Unemployed University Graduates in Serbia - CONCUR" (Reception Number: ETFJP-00051-2008). The program lasts two semesters and awards 60 ECTS and qualification Master Manager. It is designed for students who have previously graduated in technical or natural sciences and were unable to find employment. Pre-qualified students with professional knowledge and skills, which they will acquire during their studies, will significantly affect the economic development of Serbia, because their knowledge will be applicable to labor market needs.

The program offers students additional skills in management, business communications, the use of modern technologies and software packages and the use of business English. This will greatly increase their employability and create the opportunity to provide an adequate place in the society. Students who complete this program will acquire competencies that give them access to domestic and EU labor market.

Study program goals

Study Entrepreneurial Management program aims to re-training of graduates who have previously graduated in the field of technical and natural sciences. Through this program, students will master the specific theoretical and practical knowledge in management, organizational design, industrial marketing, entrepreneurship, business law and ethics, finance. The goal is to acquire skills and training management, communications, computing base, the English language.

Study program outcomes

Upon completion of the Entrepreneurial Management studies student is capable of:

- Analysis, synthesis and forecasting solutions in complex situations and their consequences;
- Mastery of traditional and modern methods of management;
- Participation in research processes;
- The development of critical thinking and original approaches;
- Put their new knowledge to resolving multidisciplinary specific managerial problem;
- Business communication and cooperation in domestic and international environment;
- Initiatives and creative activities in conditions of rapid change;
- Respect the principles of business ethics.

In addition, the student receives the following subject-specific skills:

- Knowledge and understanding of the essence and characteristics of entrepreneurship, business, establishment and development of small business;
- Understand the role of managers in small and medium-sized enterprises;
- Understanding the rules of market behavior;
- Knowing career opportunities;
- Connecting knowledge from different areas: Entrepreneurship, financial management, organizational design and management, industrial marketing, business law and ethics;
- Mastering specific skills: communication skills, management skills, using computers and information technology, the use of business English;
- Application of knowledge in entrepreneurial practice.

Modules

Economics, Geopolitics, European integration policy, International organizations and international relations, Institution building and related project management, Humanitarian affairs and human rights legislations, Crisis prevention and management and Environmental sustainability.

Admission requirements

Previously completed 240 ECTS.

Contact

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Business Performance Management

at University of Belgrade, 1 Studentski trg, 11000 Belgrade, www.bg.ac.rs

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

Study program content

Master studies in Business performance management were developed as part of the TEMPUS project "Conversion Courses for Unemployed University Graduates in Serbia - CONCUR" (Reception Number: ETFJP-00051-2008).

Program Business Performance Management lasts for two semesters during which students can acquire 60 ECTS through lectures, case studies, teamwork, research projects, group and individual study visits, visit of distinguished experts, e-learning (with appropriate software and organizational support), working in creative workshops, debates, business games, discussions via forums and other electronic services, professional practice.

Study program goals

The studies Business Performance Management program aims at retraining of graduates from humanities, social and medical sciences.

The program provides students with the necessary and applicable conceptual knowledge management, quality, marketing, organizational behavior, human resources, finances, and their inclusion in the work process.

Upon completion students are prepared for analysis, synthesis and evaluation of business performance so they can acquire the position of middle managers in different types of organizations.

Study program outcomes

Upon the successful completion of the Business Performance Management studies students are capable for:

- Analysis, synthesis and forecasting solutions in complex situations in domestic and international environment;
- Mastery of traditional and modern methods of management;
- Participation in research processes;
- The development of critical thinking and original approaches;
- Put their new knowledge to resolving multidisiplinary specific management problems;
- Business communication and cooperation in domestic and international environment;
- Initiatives and creative activities in conditions of rapid change;
- Respect the principles of business ethics.

In addition, the student receives the following subject-specific skills:

- Knowledge and understanding of theoretical approaches to management, process management as a whole and individual functional areas;
- Connecting knowledge from different areas: quality management, marketing management, organizational behavior and management, human resource management, communication skills, financial management, skills of managers, Basis of computing and IT, Business English;
- Put their knowledge into practice;
- Continuous monitoring and acquisition of new managerial knowledge from different fields and apply new skills in business practice;
- Analysis and forecasting of domestic and international environment;
- Timely obtain and use data in the mastery and application of knowledge;
- Flexible action in a turbulent environment.

Modules

Economics, Geopolitics, European integration policy, International organizations and international relations, Institution building and related project management, Humanitarian affairs and human rights legislations, Crisis prevention and management and Environmental sustainability.

Admission requirements

Previously accomplished 240 ECTS.

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