



Факультет
Организационных
Наук

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: SPECIALIST

Study program content

Specialized academic study program in Management is the continuation of Master's studies at the Faculty of Organizational Sciences, University of Belgrade and the preparation of candidates for the doctoral studies in Management. The program is also intended for those candidates whose primary academic education is not directly related to this scientific discipline, and who have completed their integrated graduate or Master's studies in some other institution, but which are related to the study group the student chose. The study program is designed to enable students to expand their knowledge in both management and specialized professional disciplines they focused on during their graduate and Master's studies. The program duration is one year, or two semesters, with a total of 60 ECTS. Upon the completion of this study program, students receive the academic degree of Professional Science Master in Management / Health Management / Management in Pharmacy / Public Relations and Multimedia Communications / Marketing Management.

Study program goals

The objectives of the specialized academic study program in Management are:

- Creation of professionals capable to independently solve complex professional and scientific problems in management using the appropriate quantitative and quantitative methods, economic and organizational models, information technology and knowledge of social sciences;
- Development of competent professionals capable of applying modern theoretical and practical knowledge successfully;
- Acquisition of theoretical knowledge and practical skills that will enable students to successfully continue their academic education at the third level studies;
- Education in line with market needs and with contemporary trends in industrial sectors;
- Creation of professionals with advanced managerial, leadership and entrepreneurial characteristics.

Study program outcomes

Through the specialized academic study program in Management a student receives skills such as:

- Use of methods, procedures and processes of research and analysis of complex organizational systems in the public sector and the industry;
- Implementation of problem analysis and synthesis, prediction and proposing solutions;
- Taking the initiative to achieve goals and active participation in business processes;
- Decision-making through the development of alternative directions of action, taking into consideration resources, constraints and organizational values;
- 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;
- Capability for critical thinking, creative and independent action;
- Subject-specific competencies that students acquire by mastering a specific study group.

Modules

There are several study groups in this program: Management, Marketing Management, Health Management, Management in Pharmacy, Public Relations and Multimedia Communications.

Admission requirements

Admission is available to every person that has completed the appropriate basic academic studies.

Contact

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Engineering in Organizational Sciences

at Faculty of Organizational Sciences, 154 Jove Ilića, 11000 Belgrade, www.fon.bg.ac.rs

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

Study program content

The specialized academic study program in Organizational Sciences is the continuation of Master's studies at the Faculty of Organizational Sciences, University of Belgrade. To enroll in this program, students need to have acquired 300 ECTS. Before the thesis presentation, the students are required to apply for and present a practical work (project) showing that they possess the knowledge and skills in the chosen field of specialization necessary for independent research in the narrower scientific field. By doing and by presenting the thesis, students are to demonstrate an enhanced ability to automatically connect to the acquired knowledge and skills by solving complex problems, and are capable of keeping step with the advances and the results of research in the field of specialization. The studies last for one year, or two semesters. During the specialized academic study program, students are to acquire at least 60 ECTS.

Study program goals

This study program goal is to obtain highest professional competence and skills and the academic title of a specialist in one of the following sub-areas: Information Systems, Operations Research, Management, Software Engineering, E-business, System Management, Quality Management and Operations Management. The goal is to master the practical knowledge and skills needed for professional performance at work and a successful career. Another important goal is to develop teamwork skills and to participate enable students to participate in research and present their research results. The overall objective of these studies is to educate a high quality professional in the field of organization and management, with an extensive knowledge and skills in the field of information and communication technologies necessary for electronic commerce or quality systems. The knowledge gained allows an engineering approach in the construction and implementation of complex solutions.

Study program outcomes

Bachelor of Science Engineer - Specialist in the

field of organizational sciences needs to demonstrate an increased ability to explore new and unfamiliar problems in the field of the chosen module, to connect the acquired knowledge and skills in solving complex problems, and the ability to observe research results and to follow the advances in their fields. Mastering these abilities and skills necessary to strengthen the creative potential candidates in solving practical problems in new or unfamiliar environment. Students who gain from these sub-areas of specialization may, either individually or in teams, solve the most complex problems, for deepening previously acquired academic knowledge and skills, understanding and skills. Through mandatory practice, making access to practical work (the project) and specialist work in the relevant sub-fields, students are trained for complex tasks of designing, production organization and quality management systems. They may also perform independent tests, perform statistical analysis of results, draw conclusions, write and present the results of their work. The final outcome of the learning process is to prepare students for independent research in institutions and organizations engaged in scientific work.

Modules

There are eight modules, including: Information Systems / Operations Research / Management / Software Engineering / E-Business / Systems Management / Quality Management / Operations Management.

Admission requirements

Admission is available for any person that has earned at least 300 ECTS in undergraduate and graduate academic studies in the field of organizational or related sciences. Students who have previously enrolled in a study program of doctoral studies related to this program can also transfer to these studies.

Contact

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Cyber Forensics

at Faculty of Organizational Sciences, 154 Jove Ilića, 11000 Belgrade, www.fon.bg.ac.rs

ECTS: 90/ LANGUAGE OF INSTRUCTION: ENGLISH/ DEGREE: SPECIALIST

Study program content

Advanced Master in Cyber Forensics is multidisciplinary study program developed jointly by Faculty of Organizational Sciences and School of Engineering and Information Sciences, Middlesex University, London. This study program is continuation of graduate academic studies at the Faculty of Organizational Sciences and preparation for PhD candidates. Program is also intended for candidates whose previous education is not strictly linked to these scientific disciplines but their graduate studies in similar field.

Program enables students to develop knowledge and skills necessary to understand phenomenon of cyber crime and to discover, investigate and prevent these specific misconduct. Enabling students to use specific forensic tools raises the competence for practical problem solving and presentation of digital evidence acceptable for the court. After completion, graduates are able to perform specialist's tasks in judicial bodies organizations that design information systems and databases, e-commerce and e-banking, public administration and other organizations that are in need of specific cyber forensic's skills and knowledge.

Study program goals

- Understanding and linking theory and practice of methods and techniques of cyber forensics in investigation for discovering the perpetrators of cyber-crime;
- Development of capabilities for risk analysis of communication systems security, accurate prediction of future threats and design of new security systems;
- Qualifying for application of specific instruments for problem analysis and knowledge synthesis in the areas of forensics, security and crime;
- Introduction to forensic processing of crime scenes and the role of a forensic agent;
- Development of capabilities and skills for correct application of quantitative and qualitative research methods;
- Development of capabilities for individual research work and autonomous solving of more demanding professional and scientific

- problems;
- Fostering teamwork in the research of cyber-crime phenomena and the application of methods and techniques of cyber forensics;
- Qualifying for professional work as forensic scientists on court and other in other jobs in the field of cyber forensics.

Study program outcomes

On completion of this program graduates will:

- Have gained knowledge and understanding of the theoretical concepts, methods and techniques necessary for investigating cyber-crimes;
- Have practical skills from cyber-crime cases and collection of evidence for the court;
- Have gained experience in team work and in carrying out research necessary for criminal pursuit of cyber offenders, as well as for security of computer networks and systems. The competence is verified also in the form of scientific papers which must be written and published by the candidate before the defending the doctoral dissertation, among which, at least one scientific paper should be published in the international journal listed in SCI list.

Admission requirements

Open to candidates who have previously completed 300 ECTS of undergraduate and graduate studies at the Faculty of Organizational Sciences or similar study program. Candidates with less than 300 ECTS are eligible to apply for tailored program before enrolment to this study program.

Contact

Head of the study program:

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Information Systems and Management

at Faculty of Organizational Sciences, 154 Jove Ilića, 11000 Belgrade, www.fon.bg.ac.rs

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

Study program content

The purpose of the study program is the education of students so that they are capable of high-quality and independent scientific research in the field of organizational sciences and management, computer science and other related disciplines.

The study program has been designed so as to introduce students to the latest scientific achievements, to train them for their own critical evaluation of publicly available scientific results in order that they themselves then can propose, organize and lead scientific research projects and teams, and draw relevant conclusions on the basis of conducted research and published works in the areas of organizational and related scientific fields. Graduates of doctoral studies need to upgrade their previously acquired engineering positions with new knowledge and skills, and so to acquire skills that are socially justified and useful contribution to the further development of society, whether in the field of education, scientific research or development of new technologies, processes, products and services.

The program integrates the areas of organization and management system (management), whose task is to fulfill the purpose and goals, bearing in mind first of all, almost inevitable use of information and communication technologies in contemporary society. Within a single curriculum, elective courses allow profiling of organizational sciences to meet specific social needs in the areas of organization and management systems, management, operational research, information systems, software engineering and e-business in general.

Study program goals

The main objective of this PhD study program is for students to gain the highest scientific abilities and academic skills in the field of Organizational Sciences and Management, Computer Science and the related disciplines. Mastering of these abilities and skills is necessary for strengthening the creative potential candidates to spot, identify

and analyze problems in practice, to develop the capacity of critical and constructive thinking and formulate proposals able to withstand scientific criticism - all of which is achieved by mastering the methodology of scientific research. Also, an important goal is to develop skills of team work or conducting a scientific research, but also to master the practical skills necessary for performing work tasks professionally and achieving a successful career.

Thus, the overall objective of this study program is to establish high quality professionals in the field of Organization and Management who possess the deepest knowledge and skills offered by Information and Communication Technologies in the automation of business or setting up quality systems, that enable them to apply engineering approach in identifying and analyzing problems, e.i. in the design and introduction of complex solutions to such problems.

Study program outcomes

The general characteristic of doctoral study graduates in Organizational Sciences is that they possess the knowledge, skills and competencies that enable them to think critically, work creatively and independently. Therefore they are able to identify specific problems, and if necessary, to abstract an original phenomenon and replace it with another, more representative but simpler system, in which they can perform a quantitative analysis of the problem and construct a solution, simulating the behavior of the system and following the introduction of selected solutions in which they can carry out quantitative analysis of the problem and construct the solution, as well as to simulate the system's behavior after the introduction of the chosen solution and identify benefits and drawbacks of the proposed approach, and, in the end, if they decide so, to introduce the system into the practice and maintain the system in the regime of required performances.

Graduated PhD students have the knowledge and skills needed for publication of scientific-research work and participation in international research projects.

Doctors of Organizational Sciences acquire highest competences in the areas of the organization, management and information technology, based primarily on the meaningful use of ICT.

Depending on the selected study group, the candidates are qualified to meet specific social needs of organizational systems in management, information systems, electronic business, operations research and management systems.

Modules

- Information systems
- Management
- Operational researches
- Software engineering
- Management of systems
- Electronic business

Admission requirements

Master degree with Grade Point Average 8,00 (eight) and higher.

Contact

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