



UNIVERSITY OF BELGRADE

Faculty:	Faculty of Physics
Address:	Studentski trg 12, Belgrade
Degree:	Master of Physics
ECTS:	60
Study program name:	Applied and Computer Physics
Study program contents:	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.
Modules:	2
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.
Application deadline(s):	September 15-20
Language of instruction:	Serbian
Tuition fee:	60000 rsd
Tuition fee for foreign students:	3000 Euros
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.
Enrollment quota:	20
Head of the study program:	Ivan Dojcinovic, PhD
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