



МЕДИЦИНСКИ ФАКУЛТЕТ
УНИВЕРЗИТЕТА БЕОГРАД
ТОМАСЛОВИЊИ ФОНУАТУ
УНИВЕРЗИТЕТА БЕОГРАД

School of Medicine

Medicine

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

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

Study program content

Specialist Academic Studies enable obtaining of knowledge for scientific research in the field of medicine. Study program lasts for two semesters.

During the first semester the basics of scientific research are taught through four compulsory subjects (of 3 ECTS) and 4 elective courses (3 ECTS), except for statistics, which brings 9 ECTS. During the second semester students continue to study the electoral areas-modules. Study program of specialist academic study consists of 37 modules. Each module consists of two compulsory subjects (of 5 ECTS credits) and one elective course (5 ECTS). Constituencies-modules are oriented to medical science as a whole, including basic science, clinical branches of medicine and public health. Knowledge from specific areas of medicine is obtained.

Students finish studies by presenting written paper, which brings 5 ECTS credits, which together with the compulsory and optional subjects makes 60 ECTS. Studies end with a public defense of this paper.

Study program goals

The main objective of the study program - specialist academic studies- is to prepare students for competent research in a particular area of medicine. Students are trained for research in basic medical sciences, clinical medicine and public health.

Study program outcomes

Mastering general scientific and methodological courses students gain knowledge relevant to medical science, such as: basis of scientific research, the methodology of the scientific research, statistics for the researchers in the fields of medicine and ethics.

Subject-specific competencies provide specific skills for a larger number of electoral areas-modules that include pre-clinical-basic, clinical and public health disciplines. After completion of specialist academic studies of different modules, students will be able to successfully deal with the scientific work.

Graduate students will learn about the achievements of modern science and medicine that will be the basis for their further education at the PhD level.

Admission requirements

English - speaking and PC literate students who previously acquired 240 ECTS - obtained degree at the integrated studies of medicine at the accredited institution, can enroll at specialist academic studies.

Contact

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Medical Sciences

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

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

Study program content

PhD programs in the field of Medical Sciences (in basic, internal, surgical and preventive medicine) are based on the European Credit Transfer System (ECTS) which is determined by the program of studies, and bring 180 ECTS points along with previously completed Integrated Academic Medical Studies in Medical Studies which bring 360 ECTS, or Graduate Academic Studies in appropriate areas which bring at least 300 ECTS points.

A doctoral student obtains:

1. 30 ECTS points by acquiring knowledge and skills in fields of basic science, research ethics, methodology of science and in courses of importance to the doctoral dissertation;
2. 30 ECTS for individual effort in previously mentioned fields validated through essays, presentations and other means of public presentation of the student's performance;
3. 15 ECTS points for individual effort achieved through research in the field of the study program, the results of which should be presented in form of one original paper prepared for publishing and one paper representing a thorough review of historic development of a problem and analysis of the current status (last 5 years) of the problem which is of the student's research interest; the papers will be deposited in the Faculty's Library and will be available to the public after the doctoral dissertation has been defended;
4. 60 ECTS points through individual work which will be empirical basis for its doctoral dissertation;
5. 15 ECTS points by publishing the results achieved within the study program as original paper in scientific journals;
6. 30 ECTS points by writing and defending the doctoral dissertation.

Study program goals

The goals of the doctoral studies can be grouped into three categories:

1. The development of theoretical concepts for solving current medical problems, or in other words mastering the quantitative approach to medical research, which will be achieved through education relating to design of experimental, clinical or epidemiological studies, their planning, conducting and evaluation, the development of a system of supervision, the implementation of statistical methods in the assessment and interpretation of study results, as well as the critical analysis of research studies;
2. Applying the results of experimental, clinical or epidemiological research in everyday practice, achieved through the development of practical skills required to organize research in the laboratory, clinical setting or population whether they consist of experimental animals, healthy subjects or patient groups;
3. Education of the staff at universities, research institutes and other specialized institutions which have the need for conducting and application of different types of research.

Study program outcomes

After completing the doctoral studies in the field of Medical Sciences, researchers should be capable of designing and conducting various types of experimental, clinical or epidemiological types of research, database management, statistical analyses and research result interpretation, written or oral communication, research protocol development, including the preparation of a project proposal, critical analysis and interpretation of medical expert and scientific literature, and should become competent in a field of research which will be the subject of their research project or doctoral dissertation.

Modules

Skeletal Biology
Physiological Sciences
Public Health
Endocrinology
Neurology
Surgery
Cardiology

Admission requirements

Previously completed Integrated Academic Medical Studies as part of the undergraduate studies, with the total of 360 ECTS points, or Graduate Academic Studies in appropriate areas with minimum 300 ECTS points.

Contact

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Molecular Medicine

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

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

Study program content

Ph.D. programs in the field of Medical Sciences (molecular medicine, internal medicine, surgery and public health) are based on the European Credit Transfer System (ECTS) which is determined by the program of studies and bring 180 ECTS credits, with previously completed Integrated Academic Medical Studies which bring 360 ECTS credits or Graduate Academic Studies in appropriate areas which bring at least 300 ECTS credits. A doctoral student obtains:

1. 30 ECTS credits by acquiring knowledge and skills in fields of basic science, scientific ethics, methodology of science and in courses of importance to the doctoral dissertation;
2. 30 ECTS credits for individual effort in previously mentioned fields validated through essays, presentations and other means of public presentation of the student's performance;
3. 15 ECTS credits for individual activities achieved through research in the field of the study program, the results of which should be presented in form of one original paper which is of the student's research interest; the papers will be deposited in the Faculty's Library and will be available to the public after the doctoral dissertation has been defended;
4. 60 ECTS credits through individual work which will be empirical basis for its doctoral dissertation;
5. 15 ECTS credits by publishing the results achieved within the study program as original article in scientific journals;
6. 30 ECTS credits by writing and defending the doctoral dissertation.

Study program goals

The goals of the doctoral studies can be grouped into three categories:

1. The development of theoretical concepts for solving current medical problems, or in other words mastering the

quantitative approach to medical research, which will be achieved through education relating to design of experimental, clinical or epidemiological studies, their planning, conducting and evaluation, the development of a system of supervision, the implementation of statistical methods in the assessment and interpretation of study results, as well as the critical analysis of research studies;

2. Applying the results of experimental, clinical or epidemiological research in everyday practice, achieved through the development of practical skills required to organize research in the laboratory, clinical setting or population whether they consist of experimental animals, healthy subjects or patient groups;
3. Education of the staff at universities, research institutes and other specialized institutions which have the need for conducting and application of different types of research.

Study program outcomes

After completing the doctoral studies in the field of Medical Sciences, researchers should be capable of designing and conducting various types of experimental, clinical or epidemiological types of research, database management, statistical analyses and research result interpretation, written or oral communication, research protocol development, including the preparation of a project proposal, critical analysis and interpretation of medical expert and scientific literature, and should become competent in a field of research which will be the subject of their research project or doctoral dissertation.

Modules

Molecular Medicine and Epidemiology.

Admission requirements

Previously completed Integrated Academic Medical Studies of Medicine or Graduate Academic Studies in appropriate areas with minimum 300 ECTS points achieved.

Contact

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