



Specialist program abstract 31.05.01 «General Medicine»

Program Title: General Medicine

Course of training: 6 years

Campus: Moscow

Qualification: medical doctor

The aim of the program: to provide the students with the major cultural, professional and specialized competences in accordance with the requirements of Federal state higher education standard in the field of study 31.05.01 General medicine ensuring the competitiveness and the demand for graduates of the MEPhI Institute of Engineering Physics for Biomedicine, on the domestic and foreign labour market. Training of a graduate who is able to perform the professional tasks according to the professional standard "Medical doctor (district physician)" and to get further education in clinical residency, study for Master's degree, Ph.D, etc.

Professional field:

Healthcare (Providing medical care in accordance with the established requirements and standards in the field of healthcare. Disease prevention, diagnostics and treatment of diseases)

Education and science (in the field of scientific research)

Administrative, managerial and office activities (in the field of healthcare institutions' activities)

Professional tasks:

Medical activity: providing medical care to adults in outpatient conditions. Providing emergency care; conducting clinical examination for diagnostics; prescribing treatment and monitoring its effectiveness and safety; conducting and monitoring medical rehabilitation, assessing temporary disability; conducting and monitoring the effectiveness of preventive measures for the promotion of a healthy lifestyle.

Organizational and managerial activities: medical record-keeping and management of the activities of the nursing staff; analysis of statistical indicators of morbidity, disability and mortality in population; telemedicine technologies.

Research activities: scientific literature analysis and official statistical reviews, statistical analysis and public presentation of the results obtained; participation in the implementation of particular research and scientific-applied tasks in the field of health care for diagnostics, treatment, medical rehabilitation and prevention.



Specialist program abstract 31.05.01 «General Medicine»

Program Title: General Medicine

Course of training: 6 years

Campus: Moscow

Qualification: medical doctor

Features of the curriculum:

The implementation of the educational program is carried out jointly with the Obninsk Institute of Atomic Energy affiliated to MEPhI.

For the first two years of mastering the program 'General medicine' a Russian language course for the foreign citizens who do not speak Russian is provided. The language of instruction for this course is English. From the third year of study, the education program 'General medicine' continues in Russian, as it implies (along with other skills and knowledge) the acquisition of practical skills for mastering clinical disciplines in hospitals and clinics, as well as direct interaction with patients.

The educational program "General Medicine" is based on a competency-oriented principle. The consideration of the level of the acquired knowledge and the evaluation of it allows to transfer it in the European education system.

Individualization of training is achieved through the possibility to study electives along with the basic disciplines and through the scientific research.

The practical orientation of the educational program is provided by the disciplines aimed at providing practical skills, emergency care skills, nursing and medical treatment, diagnostics, as well as by the use of new training technologies: interactive, using electronic phantoms, moulages, manikins, virtual professional activity conditions.

The competitive advantage of the educational program is based on the use of material, technical and research resources of MEPhI, which provide an in-depth training in the field of nuclear medicine, information technology and artificial intelligence. The curriculum, in addition to fundamental theoretical and practical medical disciplines, includes such disciplines as "Artificial Intelligence in Medicine", "Radiobiology", "Radiopharmaceuticals", "Medical Radiology", "Radiation Therapy".