

Biomedicine

About program:

The Master's program Biomedicine is aimed at graduates of Bachelor's and Specialist's degrees in natural sciences. The program, which combines disciplines related to the study of modern methods of diagnostics of human diseases.

The central place in this program is occupied by disciplines on hematology, biochemistry of human biological fluids, immunology, clinical microbiology and virology, functional diagnostics.

The special place of the program is connected with the research of mechanisms of human diseases development and possibilities of homeostasis estimation in norm and at development of pathological states, and also use of new strategies of pathological states correction.

Program details:

Language of Instruction: English

Entrance Exams: English, Biology

Tuition fee: 250 000 roubles per year

Duration: 2 years



Curriculum:

Selected Chapters in Cell Biology

History and methodology of biology

Management and marketing in bioecological technologies

Philosophical problems of natural science

Theory of the biosphere, modern ecology and global environmental problems

Methods of teaching biology and ecology

Genetics and biotechnology of plants

Fundamentals of molecular oncology

Modern technologies in biology

Biomedical aspects of human pathology

Radiologic methods of diagnostics

Biomedical aspects of human central nervous system activity

Physiological basis of functional diagnostics