

01.04.03 Mechanics & Mathematical modelling

Mode of Attendance: Full-time

Length of course: 2 years

Language: Russian/English

The educational Master's programme focuses on the training of graduate students for professional research applying mathematical methods and computer technology, as well as finding solutions using mathematical models of processes and objects, and developing effective methods problems in the areas of natural science, technology, economics and management, software and information support of scientific research.

It is a practice-oriented programme that aims to give the knowledge and problem-solving skills, to develop necessary professional competencies and qualities.

Academic Staff: doctors and candidates of sciences, academicians of the Russian Academy of Sciences, leading specialists in Mechanics and Mathematical modelling.

Features: we apply the latest technologies and teaching methods (interactive lectures, group projects, individual and group presentations, research seminars) and provide an opportunity to study courses of interest from a wide range of disciplines.

Potential and current business partners:

- medical and pharmaceutical organisations;
- research organisations related to solving mathematical problems

Graduates of the programme will become experts in Mechanics and multidisciplinary disciplines (Biomechanics, Nanotechnology, Mechanics of Materials and Space Mechanics).