INSTITUTE OF ENGINEERING AND DIGITAL TECHNOLOGY

APPLIED MATHEMATICS AND INFORMATION SCIENCE

The aim of the Master's program is to train highly qualified specialists. Program trains highly qualified applied mathematicians-analysts with knowledge of information technologies. Graduates of the program capable of working in teams in predictive analytics and expert work, as well as in the field of big data analysis ("data science").

НИУ БелГУ
BELGOROD STATE UNIVERSITY (BSU)

APPLIED MATHEMATICS AND INFORMATION SCIENCE

LEVEL
Master

DEPARTMENT
Institute of Engineering and Digital Technology

DURATION
2 years

START DATE
1st September

LOCATION
308015, building 13, st. Pobedy, 85, Belgorod

LANGUAGE
Russian

PROGRAM COORDINATOR
Aleksandr Vasilievich Glushak

TUITION FEES
2740 USD

- currency of payment is ruble

WEB
bsuedu.ru/bsu/

ACADEMIC-RELATED ENQUIRIES
glushak@bsu.edu.ru
8(4722)30-13-00_4267

ENTRY REQUIREMENTS
Applicants with a bachelor's degree, as well as people with a higher professional education, confirmed by the assignment of the qualification "certified specialist", have the right to participate in the competition for places funded from the budget allocations of the federal budget. Admission is based on an entrance test.

APPLICATION
Application for acceptance of documents for enrolment (by mail)
Consent to the processing of personal data of the applicant
Letter of consent
Identity document, citizenship
Academic degree
Documents confirming the individual achievements of the applicant
An agreement on the provision of paid educational services (for admission on a contractual basis)

PROGRAM STRUCTURE
From the range of general subjects, master's students study
✓ Modern methods of computational mathematics;
✓ Mathematical and computer modelling;
✓ Applied functional analysis;
✓ Special Workshop;
✓ Foreign language professional;
✓ Organization and planning of research in applied mathematics;
✓ Intelligent data analysis;
✓ Applied problems in the theory of partial differential equations
✓ Object-oriented modelling;
✓ Applied systems analysis and systems theory
✓ Mathematical methods for coding information.

Students are offered 4 elective courses. The main types of educational activities are lectures and practical classes. Practical training and research work are provided in each semester. In the fourth semester there are no class hours, it is completely focused on the writing of the master's thesis.

CAREER OPPORTUNITIES
Masters graduates are prepared to work in research and production laboratories, in institutions of higher and secondary special education. Graduates can continue their postgraduate studies.