APPLIED MATHEMATICS AND INFORMATION SCIENCE

Nowadays, highly qualified specialists capable of independently solving complex mathematical problems, such as study and solution of differential equations, are of particular value. Today in many areas of human activity there is a shortage of specialists with fundamental mathematical training in the best traditions of classical education.

We see such professionals as bachelor program's graduates of Applied Mathematics and Computer Modeling Department. Professional preparation allows our graduates to conduct professional scientific and pedagogical activity, and also to work as experts and analysts at the industrial enterprises and in various organizations and the state structures of management.

НИУ БелГУ
BELGOROD STATE
UNIVERSITY (BSU)

APPLIED MATHEMATICS AND INFORMATION SCIENCE

LEVEL Bachelor

DEPARTMENT
Institute of Engineering and Digital Technology

DURATION 4 years

START DATE 1st September

LOCATION 308015, building 15, st. Pobedy, 85, Belgorod

LANGUAGE Russian

PROGRAM COORDINATOR
Vladimir Borisovich Vasilyev

TUITION FEES
2380 USD
• currency of payment is ruble

WEB
bsuedu.ru/bsu/

ACADEMIC-RELATED ENQUIRIES
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8(4722)30-13-00_4267

ENTRY REQUIREMENTS

Admission of foreign citizens to study under contracts for the provision of educational services is carried out on a competitive basis (based on the results of entrance tests conducted by the university).

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

Of the general disciplines, bachelors study
✓ Mathematical analysis;
✓ Algebra and geometry;
✓ Algorithmization and programming;
✓ Architecture of computers and computer systems;
✓ Integrated programming environments;
✓ Intelligent data analysis;
✓ High-level programming languages;
✓ Theory of functions;
✓ Ordinary differential equations;
✓ Operating systems;
✓ Probabilistic models and statistical data processing;
✓ Databases;
✓ Numerical methods for solving applied problems;
✓ Object-oriented modeling;
✓ Computer games development;
✓ Linear integral equations;
✓ Calculus of variations.

CAREER OPPORTUNITIES

Bachelors have the opportunity to enter a master's program and then a postgraduate program. They are prepared for research work and will be able to work in such prestigious positions as: mathematical engineer; mathematician (researcher); system and applied analyst; database and web-programmer; higher education teacher; head of analytical department. They can also work in financial, analytical, economic and information departments of enterprises and organisations; scientific and scientific-technical organisations related to the development and implementation of modern knowledge-intensive technologies.