APPLIED IT

The purpose of the program is to train qualified specialists for the productive use of modern information technologies and systems in project and research activities.

The graduate is able to do:
· modeling of various objects and
processes for solving application tasks;
· development of projects for automation and
informatization of applied processes
·creation of information systems using innovative technologies;
· research work for the development and improvement of information technologies

НИУ БелГУ
БЕЛГОROD STATE UNIVERSITY (BSU)

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

Zajceva Tatyana Valentinovna

TUITION FEES

2630 USD

- currency of payment is ruble

WEB

bsuedu.ru/bsu/

ACADEMIC-RELATED ENQUIRIES

8(4722) 30-12-94

lomakin@bsu.edu.ru

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

For the first year students study a foreign language, general and principal subjects, such as Information Society and problems of applied informatics, Marketing in the field of ICT, Formal languages, Object-oriented programming, Modeling of complex systems, Methodologies for developing IT projects, Knowledge bases and expert systems.

The principal subjects in the second year are:
Modern information resources and ICT, Mathematical and instrumental methods of decision support, Machine learning and data analysis, Information security in the socio-economic field. Master course students are offered 4 elective courses.
The main types of educational activities are lectures and laboratory classes. After each semester, educational or industrial practices and research work are provided.
In the fourth semester, a master's thesis is written.

CAREER OPPORTUNITIES

Graduates can use their knowledge in conducting research. They can work as system analysts, IP specialists, IT project managers. Masters have an opportunity to continue their postgraduate studies.