MATHEMATICAL SUPPORT AND ADMINISTRATION OF INFORMATION SYSTEMS

During their studies, students acquire skills in the development of software for computer systems (programmes, software packages and systems), as well as in the development of mathematical, information support and computer systems support.

Special attention is paid to parallel programming issues. A supercomputer "Nezhegol" and a computer lab equipped with the latest Apple computers are used in the teaching process.

Students have an opportunity to get an internship in the leading IT-organizations, which will not leave anyone without job placement. Senior students have the opportunity to get a part-time job in their field of study.

НИУ БелГУ
BELGOROD STATE
UNIVERSITY (BSU)

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

TUITION FEES

2500 USD

- currency of payment is ruble

WEB

bsuedu.ru/bsu/

ACADEMIC-RELATED ENQUIRIES

Muromtsev@bsu.edu.ru, т. (4722) 30-13-53

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

Year 1 – study of general education subjects, mathematics, computer science and the basics of C++ programming.
Year 2 – deeper study of C++ programming, data structures, databases (MySQL, PostgreSQL, PgAdmin, ERWin), computer data processing algorithms, embedded systems programming and Internet programming (HTML., JavaScript, MySQL, phpMyAdmin, PHP, Ajax).
Year 3 – Study of distributed databases (Oracle Database 10g Express Edition). Study of mathematical modelling and application of numerical methods, software development techniques learning.
Year 4 – Studying methods of paralleling programs, artificial intelligence systems, programming issues for mobile and embedded systems. Theoretical foundations of cryptography and software security methods.

CAREER OPPORTUNITIES

After completing Bachelor's degree, graduates can find employment as: Programmer, System Administrator, Android/iOS Developer, Database Administrator, Web Developer, Software Tester, etc., or continue your studies in the Master's program 02.04.01 Mathematics and Computer Science.