
INSTITUTE OF ENGINEERING AND DIGITAL TECHNOLOGY

MATERIALS SCIENCE AND TECHNOLOGY

The program gives students an opportunity to expand knowledge about modern materials, their research and production methods, as well as the development of technological processes for the production of modern materials based on the use of up-to-date methods and tools. A master's student gets an opportunity to master modern and high-tech equipment. Students can take courses of lectures by leading specialists of the Russian Federation in the field of materials science and technology.



БелГУ
BELGOROD STATE
UNIVERSITY (BSU)

LEVEL Master

DEPARTMENT

Institute of Engineering and Digital Technology

DURATION 2 years

START DATE 1st September

LOCATION 308015, building 17, st. Pobedy, 85, Belgorod

LANGUAGE Russian/English

PROGRAM COORDINATOR

Zherebczov Sergej
Valerevich

TUITION FEES

4420 USD (Russian-taught)

3600 USD (English-taught)

- currency of payment is ruble

WEB

bsuedu.ru/bsu/

ACADEMIC-RELATED ENQUIRIES

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8(4722)58-54-57

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

Master course students study a foreign language, philosophical problems of science and technology, computer technologies in science and technology from the range of general subjects. The most extensive subject of an overview nature – Non-conventional structural and functional materials – is designed for three semesters.

Principal subjects in the 1st year of study are: Materials Science and technologies of modern non-conventional materials, Mathematical modeling and modern problems of materials and process sciences, Special chapters of solid state physics, Planning and processing of a scientific experiment.

In the 2nd year of study there are such subjects as: Non-conventional structural and functional materials and Physics of large plastic deformations. Master course students are offered 6 elective courses. The main types of educational activities are lectures and laboratory classes. Practical training is 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.