# CHEMICAL TECHNOLOGY

The program provides professional skills in the methods, techniques and means of drug production by means of physical, physico-chemical and chemical processes, production of finished pharmaceuticals The program enhances knowledge of the development of the latest pharmaceutical technologies, pharmaceutical quality system, pharmaceutical development in modern conditions within the GMP system.

Lecture courses by leading Russian experts in the field of production and standardisation of pharmaceuticals are available to the trainees.



LEVEL Masters

DEPARTMENT Institute of Pharmacy, Chemistry and Biology

DURATION 2 years

START DATE 1st September

**LOCATION** 308015, building 14, st. Pobedy, 85, Belgorod,

LANGUAGE Russian

PROGRAM COORDINATOR

Elena Zhilyakova

WEB

bsuedu.ru/bsu/

TUITION FEES

2740 USD

• currency of payment is ruble

ACADEMIC-RELATED ENQUIRIES

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## ENTRY REQUIREMENTS

Applicants with a bachelor's degree, as well as people 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 (chemistry interview).

## 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

Thestructure of the program is a logical sequence of disciplines: Year 1 - from the disciplines of general nature, master students philosophical problems of science and technology; theoretical and experimental methods of research in chemistry; business foreign language; basics of industrial drug technology; Year 2 - professional disciplines of technological, analytical profile within the pharmaceutical quality system: validation of pharmaceutical productions; technology of manufacturing of dosage forms (solid, soft, sterile, phytopreparation).

The Master's degree students are offered 8 elective disciplines. The main types of learning activities are lectures and laboratory classes. Practical and research work is provided in each semester.

#### CAREER OPPORTUNITIES

As part of the Belgorod Region's pharmaceutical cluster development, there is a shortage of production and technological specialists to work in the region's chemical and pharmaceutical companies, as well as in research and production laboratories, higher and secondary specialised educational institutions, and opportunities have for postgraduate studies.