



SHOULD YOU HAVE ANY QUESTIONS, PLEASE CONTACT US:

 requests@donstu.ru

 +7 908 516 94 96



**FOR MORE INFORMATION, PLEASE VISIT
WWW.DONSTU.RU/EN**



SPECIALIST'S DEGREE PROGRAMME

Pharmacy

DSTU: PERFECT HERITAGE OF HIGH QUALITY NOVATIONS

Today DSTU is the largest scientific and educational center in the South of Russia, successfully combining the fundamental traditions of Russian academic education with advanced technologies and teaching methods. DSTU is a university with long-standing traditions. We are proud of our history and achievements.

DSTU IS YOUR PRAGMATIC CHOICE

- We are the biggest university in the South of Russia
- We offer an extensive range of study programs in all major subject groups
- We provide the close inter-relationship between teaching, research and scholarship
- We are constantly enhancing the existing partnerships and establishing new ones with commercial and public organisations
- Strong support is provided for individual researchers as well as research groups
- More than 175 foreign universities world-wide are our partners
- The great opportunities are open for broadening the experience of our students and staff through participation in sport, music, theatre, the visual arts, and other cultural activities



WHY STUDY PHARMACY?

The degree program is focused on training pharmaceutical chemists able to carry out self-dependent pharmaceutical practice. Training is practice-oriented and is aimed at formation of common cultural and professional competencies.

“Pharmacy” is training of professionally-oriented qualified personnel in the field of pharmacy, who possess scholarly knowledge, state-of-the-art technologies and professional competences associated with the readiness to implement set goals and objectives and allowing for a specialist pharmacist to be competitive and highly-demanded in the labor market.

The objects of the graduates’ professional activities involve medicinal products for human and veterinary use, other pharmacy goods, medicinal plant raw materials, biologically active substances, biological fluids and tissues, pharmaceutical activities, engineering processes in pharmaceutical production, legal entities, individuals.

Types of the graduates’ professional activities:

- pharmaceutical;
- expert and analytic;
- organizational and managerial

FACULTY & DEPARTMENT

Faculty of Bioengineering and Veterinary Medicine

Department of Pharmacology and Pharmacy

CONTACTS

Programme Leader

Prof. Aleksey Ermakov

Tel.: +7 (863) 23-81-309

e-mail: spu-45@donstu.ru

Department location

Building 6, room 303

Gagarin sq. 1, Rostov-on Don,
344000, Russia

International Education and Tuning Center

Tel.: +7 (863) 238-13-96

e-mail: center-tuning@donstu.ru

NAME OF THE BROAD FIELD OF EDUCATION & CODE

33.00.00 Pharmacy

PROGRAMME NAME & CODE

33.05.01 Pharmacy

CURRICULUM FOR THE 1ST AND THE 2ND TERMS

Course	Hours	ECTS
General and inorganic chemistry	216	5
Latin language	108	4
Fundamentals of Project Activities	108	4
Physical training	72	5
English language	144	4
Botany	108	5
Morphology	144	4

CURRICULUM FOR THE 3RD TERM

Course	Hours	ECTS
Physical and colloidal chemistry	108	4
Physiology and Experimental Medicine	108	5
Microbiology	144	5
Philosophy	108	5
Organic chemistry	180	4
Analytical chemistry	180	4
Life safety	108	4

LEARNING OUTCOMES

Upon graduation, you will be able:

- demonstrate evidence-based knowledge of the scientific foundations of medication research, approval and development
- classify the pharmaceutical forms and routes of administration for drugs
- apply scientific knowledge and principles of biological sciences, medicinal chemistry, pharmacology, pharmaceuticals, pharmacokinetics, and pharmacogenomics to generate hypotheses
- apply quantitative principles in the calculations of doses, concentrations, molarities, standard curves and of pharmacokinetics.
- accurately and safely prepare, store and use drugs and chemicals in accordance to applicable environmental health and safety to carry out clinical laboratory research using products for in vitro diagnostics, technological processes and technologies
- collaborate and communicate with other members of an interdisciplinary laboratory research
- explain the drug action on signal transduction systems
- express the mechanisms of drug action: non-specific and specific mechanisms (sites of action for drugs), receptors, ion channels, ion pumps, enzymes etc.

LANGUAGE OF STUDY

English

WORKLOAD IN ECTS

300

PROGRAMME DURATION

Full-time, 5 years

HOSTELS AND CANTEENS



SPORTS FACILITIES



CREATIVE ENVIRONMENTS



FOR YOUR NOTES
