

2026/2027.

THE CALL



FACULTY OF PHARMACY

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UNIVERSITY OF
BELGRADE

STUDY PROGRAMME FOR WHICH A CALL HAS BEEN ANNOUNCED:

Doctoral academic studies:

Pharmaceutical Sciences – English language (180 ECTS)

NUMBER OF STUDENTS:

Pharmaceutical Sciences – English language - 10 self-financing students

CONDITIONS:

A person who has completed undergraduate academic and master's academic studies, or integrated studies with at least 300 ECTS credits, or completed at least four-year studies according to the regulations that were in force before the entry into force of the Law on Higher Education and with a general average grade of at least 8, may also apply. Persons with a general average grade of less than 8, if they have two papers published in journals of category M21, M22 and/or M23, from the list of the relevant ministry and which have an impact factor value greater than zero - provided that the candidate is one of the first three authors.

The study program of doctoral studies prescribes the appropriate completion of master's academic studies, or integrated studies as a condition for enrollment in doctoral studies.

A person who knows one world language may enroll in doctoral studies.

Special conditions for enrollment:

When applying to the Call, students choose one of the following Departments:

- Drug Analytics
- Bromatology
- Medical Biochemistry
- Microbiology and Immunology
- Pathobiology
- Social Pharmacy and Pharmaceutical Legislation
- Toxicology "Academician Danilo Soldatović"
- Pharmacognosy
- Pharmacology
- Pharmacokinetics and Clinical Pharmacy
- Pharmaceutical Technology and Cosmetology
- Pharmaceutical Chemistry
- Physiology

Drug Analytics:

Faculty of Pharmacy, Faculty of Medicine (study program: Pharmacy) and candidates who have completed study programs within the scientific field of chemistry and physical chemistry.

Bromatology:

Faculty of Pharmacy, Faculty of Medicine, Faculty of Chemistry, Faculty of Technology and Metallurgy (study program Biochemical Engineering and Biotechnology), Faculty of Agriculture (study program Food Technology). Candidates who have not graduated from the Faculty of Pharmacy or Medicine must take a differential exam. The differential exam is taken after application and submission of documents. The exam is prepared based on the Physiology subject card - selected chapters and literature suggested in the card. The scope of the differential exam is 100 points. The exam will be considered passed if the candidate has at least 51% correct answers. After passing the exam, the candidate will be ranked within the ranking list according to the call conditions.

Medical Biochemistry:

Faculty of Pharmacy, Faculty of Medicine (study program: Pharmacy, study program: Medicine and study program: Dental Medicine), Faculty of Veterinary Medicine, Faculty of Dentistry, Faculty of Chemistry (study program: Biochemistry). Candidates who have completed study programs within the scientific fields of chemistry and biology must take a differential exam in the subject Medical Biochemistry. The differential exam is taken after application and submission of documents. The exam is prepared based on the Medical Biochemistry subject card (and teaching units) and the literature suggested in the card. The scope of the differential exam is 100 points. If the candidate has 51% correct answers, he/she will be ranked within the ranking list.

Microbiology and Immunology:

Faculty of Pharmacy, Faculty of Medicine (study program: Pharmacy and study program: Medicine and study program: Dental Medicine), Faculty of Dentistry, Faculty of Biology, Faculty of Veterinary Medicine.

Pathobiology:

Faculty of Pharmacy, Faculty of Medicine, Faculty of Dentistry, Faculty of Biology.

Social Pharmacy and Pharmaceutical Legislation:

Faculty of Pharmacy, Faculty of Medicine (study program: Pharmacy, study program: Medicine and study program: Dental Medicine), Faculty of Veterinary Medicine and Faculty of Dentistry. Candidates who have not completed integrated academic studies of pharmacy must take a differential exam. The differential exam is taken after application and submission of documents. The exam is prepared based on the Pharmacy Practice subject card and the literature proposed in the card. The scope of the differential exam is 100 points. The exam will be considered passed if the candidate has at least 51% of correct answers. After passing the exam, the candidate will be ranked within the ranking list according to the call conditions.

Toxicology "Academician Danilo Soldatović":

Faculty of Medicine, Faculty of Pharmacy, Faculty of Dentistry, Faculty of Veterinary Medicine, Faculty of Biology, Faculty of Chemistry, Faculty of Technology and Metallurgy, Faculty of Agriculture.

Pharmacognosy:

Faculty of Pharmacy and Faculty of Medicine (study program: Pharmacy). Candidates who have graduated from the Faculty of Medicine (study program: Medicine and study program: Dental Medicine), Faculty of Dentistry, Faculty of Veterinary Medicine, Faculty of Biology, Faculty of Chemistry, Faculty of

Agriculture (study programs related to fruit growing, viticulture, field growing, vegetable growing and biotechnology), Faculty of Technology and Metallurgy and Faculty of Technology (study programs related to pharmaceutical engineering and biotechnology) must take a differential exam in the subject of Pharmacognosy. The differential exam is taken after registration and submission of documents. The exam is prepared based on the Pharmacognosy subject card (and teaching units) and the literature suggested in the card. The scope of the differential exam is 100 points. The exam will be considered passed if the candidate has at least 51% correct answers. After passing the exam, the candidate will be ranked within the ranking list according to the call conditions.

Pharmacology:

Faculty of Pharmacy, Faculty of Medicine, Faculty of Veterinary Medicine, Faculty of Dentistry, Faculty of Biology.

Pharmacokinetics and Clinical Pharmacy:

Faculty of Pharmacy, Faculty of Medicine (study program: Pharmacy and study program: Medicine).

Pharmaceutical Technology and Cosmetology:

Pharmaceutical Technology: Faculty of Pharmacy (study program: Pharmacy), Faculty of Medicine (study program: Pharmacy), Faculty of Physical Chemistry, Faculty of Technology and Metallurgy (study programs: Biochemical Engineering and Biotechnology, Materials Engineering and Chemical Engineering), Faculty of Electrical Engineering (study program: Biomedical and Environmental Engineering).

Candidates who have not graduated from the Faculty of Pharmacy take a differential exam. The differential exam is taken after application and submission of documents. The exam is prepared based on the course card Pharmaceutical Technology 1, 2 and 3 (and teaching units) and the literature proposed in the card. The scope of the differential exam is 100 points. The exam will be considered passed if the candidate has at least 51% of correct answers. After passing the exam, the candidate will be ranked within the ranking list according to the call conditions.

Cosmetology: Faculty of Pharmacy, Faculty of Medicine, Faculty of Dentistry, Faculty of Technology and Metallurgy.

Pharmaceutical Chemistry:

Faculty of Pharmacy, Faculty of Medicine (study program: Pharmacy and study program: Dental Medicine), Faculty of Chemistry, Faculty of Physical Chemistry, Faculty of Dentistry Faculty, Faculty of Veterinary Medicine, Faculty of Biology, Faculty of Technology and Metallurgy, Faculty of Agriculture, Faculty of Computer Sciences. Candidates who have not completed integrated academic studies of pharmacy must take a differential exam. The differential exam is taken after application and submission of documents. The exam is prepared based on the Pharmaceutical Chemistry 1 subject card (and teaching units) and the literature proposed in the card. The scope of the differential exam is 100 points. The exam will be considered passed if the candidate has at least 51% correct answers. After passing the exam, the candidate will be ranked within the ranking list according to the call conditions.

Physiology:

Faculty of Pharmacy, Faculty of Medicine, Faculty of Veterinary Medicine, Faculty of Dentistry, Faculty of Biology.

The prerequisite for enrollment in a study program taught in English is proof of English language proficiency at the upper intermediate level of competence = B2 – *Cambridge Advanced Certificate in English (CAE)* or *IELTS (International English Language Testing System)* certificate or completed secondary school education in English.

CRITERIA FOR DETERMINING THE ORDER OF CANDIDATES:

The order of candidates for enrollment in doctoral studies is determined based on the overall average grade achieved in undergraduate and master's academic studies, the length of study in undergraduate and master's studies, achieved scientific results, and other conditions prescribed by the general act of the faculty.

The overall average study grade (OAG) is calculated based on average grades in undergraduate academic studies (GrUS) and master academic studies (GrMS), weighted by the duration of the study program at undergraduate academic and master academic studies expressed in ECTS points (UScredit and MScredit):

$$\text{Overall average grade (OAG)} = \frac{\text{GrUS} \times \text{UScredit} + \text{GrMS} \times \text{MScredit}}{\text{UScredit} + \text{MScredit}}$$

For candidates who have completed integrated studies, the average grade achieved in those studies, the length of study, the achieved scientific results and other conditions prescribed by the general act of the faculty are taken into account.

For candidates who have acquired higher education according to the regulations that were in force before the entry into force of the Law, the average grade from undergraduate studies, which includes the diploma thesis, if any, is taken into account.

The order of candidates is determined according to the following scoring model:

a) Average grade (GPA) during studies – maximum 85 points;

- The average grade is weighted by the length of study (GS) in years/quarters according to the length of the study program (GS) according to the formula: $\text{GPA} \times \text{GS}/\text{GS}$

- The weighted average grade is multiplied by 8.5.

- Except for integrated academic studies, the average study grade is calculated based on the average grades of study in undergraduate academic studies (OcOS) and master's academic studies (OcMS), weighted by the corresponding number of ECTS credits (OSbod, MSbod):

$$\text{GPA} = \text{OcOS} \times \text{OSbod} + \text{OcMS} \times \text{MSbod}/\text{OSbod} + \text{MSbod}$$

b) Interview with the candidate – maximum 10 points;

c) Previous participation of the candidate in scientific research work – 5 points.

Points for scientific research work are awarded based on evidence of scientific research work. The minimum evidence is 1 abstract published in a book of abstracts or similar. The assessment of scientific research work is carried out by the doctoral study committee.

TUITION FEE:

Tuition fee for citizens of the Republic of Serbia: for the program conducted in English 3,500.00 euros.

Tuition fee for foreign citizens for the program conducted in English is 5,000.00 euros.