UNIVERSITY OF BELGRADE

announces

C A L L F O R A P P L I C A N T S

for enrollment in interdisciplinary master academic studies in English
study program
ADVANCED DATA ANALYTICS (90 ECTS)
In the 2024/2025. academic year

Second enrollment period

The master study program of **Advanced Data Analytics** was created as a result of the participation of the University of Belgrade in the international project **Advanced Data Analytics in Business**, project no. EACEA 598829-EPP-1-2018-1-RS-EPPKA2-CBHE-JP, funded by the European Commission under the Erasmus + program.

The program belongs to a broad field of study of quantitative sciences (mathematics, statistics, computing or a combination of some of these areas), but with a focus on integrating these areas into the analysis of different types of data and large amounts of data.

All modern forms of work are used in the study program **Advanced Data Analytics**: lectures, practical work in laboratories, case studies, teamwork, research projects, group and individual professional visits, visits of prominent experts, eLearning (with appropriate software and organizational support), creative workshops, debates, discussions through forums and other electronic services, professional practice and internship.

Upon completion of the study, candidates acquire the title of **Master of Data Analysis**.

The official website of the study program **Advanced Data Analytics** can be found at https://www.bg.ac.rs/nap/.

The study program **Advanced Data Analytics** and its classes are run in English.

At https://www.bg.ac.rs/nap/ (in Serbian) and https://www.bg.ac.rs/advanced-data-analytics/ ; https://ada.studije.rect.bg.ac.rs/ (in English) additional insight into the content of the study program can be obtained.

ENROLLMENT REQUIREMENTS AND CONDITIONS

It is necessary that all students enrolling in this program have acquired 240 ECTS during their undergraduate studies, **of which a minimum of 15 ECTS must be acquired in mathematics, statistics and programming,** if they have acquired their higher education degree under the regulations in force since the entry into force of the Law on Higher Education, or have completed integrated studies (min. 300 ECTS). Students who have obtained higher education according to the regulations that were valid until the day the Law on Higher Education came into force can also enroll in this program if they have passed at least one subject in each of the fields of mathematics, statistics and programming.

It is also necessary for all students to speak English, because the classes are given in English. **The level of knowledge of English must be at least B2 according to the Common European Framework of Reference for Languages**. Prospective applicants are required to enclose with other documents a document (issued by an official institution authorized to issue such documents) confirming their level of English language proficiency.

To the master's academic study program **Advanced data analytics** in English, in the academic year 2024/2025. **23 students will enroll, 19 of which are self-financing students and 4 are financed from the budget of the Republic of Serbia.**

To enroll in this study program, the General Statements of the call for enrollment of students in master programs of the University of Belgrade for the 2024/2025 academic year also apply. These are available at:
https://www.bg.ac.rs/wp-content/uploads/2024/04/MAS-opsti-uslovi24.pdf

RANKING CRITERIA

The ranking of candidates will be provided the final ranking list, which is formed considering the following criteria:
- general average grade in the undergraduate studies
- duration of study

General average grade in the undergraduate studies

If a candidate has completed a 240 ECTS undergraduate studies, their general average grade is the GPA from the undergraduate studies multiplied by 10 and represents the starting number of points, **p**.

If a candidate has completed a 180 ECTS undergraduate study program *and* a 120 ECTS master program, thus earning the total of 300 ECTS, their starting number of points, **p**, is calculated as follows:

$$p = \frac{GPA_{undergrad} \times ECTS_{undergrad} + GPA_{master} \times ECTS_{master}}{ECTS_{undergrad} + ECTS_{master}}$$

For candidates who have acquired a higher education degree according to the regulations that were valid until the day the Law on Higher Education came into force, the starting number of points, **p**, from undergraduate studies is calculated as above and includes the diploma thesis, if it exists.

Duration of study

The total number of points for success in undergraduate studies is also affected by the duration of undergraduate studies, through a coefficient **d** calculated according to the following formula:

d = estimated duration of study / actual duration of study

where the **estimated duration of study** is the number of years from the certificate of accreditation of the study program of undergraduate studies multiplied by 365, and the **actual duration of study** is the number of days elapsed from the beginning of the school year in which the student first enrolled in the study program, till the date of completion of that study program (as specified on the graduation certificate).

The total number of points, **b**, relevant for the applicant's ranking, is calculated as **b = p · d**.

This total number of points is not affected by the fact that the candidate may have completed more than one undergraduate study program.

TUITION FEE

The amount of annual tuition for citizens of the Republic of Serbia is **120,000.00** dinars, and for foreign students 2,500.00 euros. Tuition can be paid in four installments.

DOCUMENTS TO SUBMIT

Candidates submit the following documents when applying to the call for applicants:

- short CV (maximum 200 words) and information on possible work experience
- completed application form (available on the University website)
- diploma and diploma supplement or certificate of completed undergraduate study program and transcript of passed exams (original documents are submitted for inspection, and photocopies of documents are submitted with the application to the call)

- **proof of English language proficiency at level B2 or higher** (for details see section ENROLLMENT REQUIREMENTS AND CONDITIONS of this call)
- decision on recognition of a foreign higher education document or confirmation that the recognition procedure for continuing education has been initiated (only for candidates who have a foreign higher education document). The recognition procedure for continuing education at our University must be started **no later than fifteen days before the end of the deadline provided by this Call for applicants**.
- confirmation of payment for the costs of the application processing

The costs of the application processing are 2,500 dinars (University Account No. 840-1835666-14, transaction code 421)

At the request of the Administration Officer of the master studies, the candidate will submit a decision / certificate on the accreditation of the institution and the previously completed study program.

DEADLINES

The candidates for enrollment in the first year of master's academic studies should apply between October 17, 2024, and October 21, 2024.

APPLICATIONS SHOULD BE SUBMITTED IN PERSON AT THE RECTORATE OF THE UNIVERSITY OF BELGRADE, STUDENTSKI TRG no. 1, OFFICE no. 5.
IMPORTANT NOTE: ALL APPLICATIONS TO THE CALL MUST BE RECEIVED BY OCTOBER 21, 2024, UP TO 16:00 HOURS.

For all additional inquiry, please call + 381 11 3207494 or send an email to the following address: marko.vasiljević@rect.bg.ac.rs