2026/2027.

THE CALL

FACULTY OF TECHNOLOGY AND METALLURGY

Address: 4 Karnegijeva St, Belgrade

Phone number: +381 11 3370-426, 3303-605

E-mail: tmf@tmf.bg.ac.rs

Website: www.tmf.bg.ac.rs

UNIVERSITY OF BELGRADE

STUDY PROGRAM IN ENGLISH FOR WHICH A CALL HAS BEEN ANNOUNCED:

Master academic studies:

- Materials Engineering, in English (60 ECTS)

- Environmental Engineering, in English (60 ECTS)

- Digital Process Engineering, in English (60 ECTS)

- Biochemical Engineering and Biotechnology, in English (60 ECTS)

- Chemical Engineering, in English (60 ECTS)

- Metallurgical Engineering in English (60 ECTS)

NUMBER OF VACANCIES FOR STUDENTS:

Study Program	Budget	Self-financing
Chemical Engineering	0	2
Digital Process Engineering	0	2
Biochemical Engineering and Biotechnology	0	2
Environmental Engineering	0	2
Materials Engineering	0	3
Metallurgical Engineering	0	1

SPECIAL ENROLLMENT CONDITIONS:

Candidates who have previously completed at least 240 ECTS of undergraduate study, in accordance with the conditions prescribed by the Faculty, may apply for study programmes with a scope of 60 ECTS credits.

A person who has completed integrated studies, i.e., master academic studies, having achieved at least 300 ECTS credits, can also enroll in the first year of master academic studies.

The candidates are required to have previously completed undergraduate studies in one of the following areas:

• All areas in the field of technical and technological sciences

• Chemical sciences

• Environmental sciences

• Physical sciences

• Physicochemical sciences

• Pharmaceutical sciences

• Biological sciences

In the event that candidates have not completed the previous level of studies in any of the listed fields, the possibility of enrollment may be considered by reviewing and analyzing the completed study programs with the candidate's application submitted to the Faculty no later than one month before the start of the first enrollment period.

Prerequisite for enrollment in a study program conducted in English is proof of knowledge of English at a higher intermediate level of competence = *B2 - Cambridge Advanced Certificate in English (CAE)* or *IELTS (International English Language Testing System)* or completed high school education in English.

CRITERIA FOR DETERMINING THE ORDER OF CANDIDATES ON THE RANKING LIST:

The order of candidates is determined on the basis of the length of studying in previous studies, the average grade and passed exams of candidates in undergraduate studies. When ranking candidates, priority will first be given to those enrolling in master academic studies at the Faculty of Technology and Metallurgy for the first time, followed by all other candidates.

The total number of points is calculated as follows:

$$\text{Number of points} = (\text{GAG} \times 7.9 + 7^{a} + 7^{b} + 7^{c}) \times 0.95 + \text{LS}$$

wherein

GAG – general average grade. For candidates who have completed master academic studies, the general average study grade (GAG) is calculated based on the average study grades in undergraduate academic studies (GrUS) and master academic studies (GrMS), weighted by the duration of the study program in undergraduate academic and master academic studies expressed in ECTS points (UScredit and MScredit):

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

For candidates who have acquired higher education according to the regulations that were valid before the enactment of the Law, the average grade from undergraduate studies, which includes the diploma thesis, if any, is taken as the overall average grade.

a - number of points awarded to candidates who have passed the exams in the group of subjects *Technological Operations* at the previous level of study (Mechanical Operations, Thermal Operations, Mass Transfer Operations, Mechanical and Thermal Operations, Transfer Phenomena), i.e., exams in subjects whose programmes correspond to the programmes of the specified subjects which are part of the curriculum of the Faculty of Technology and Metallurgy.

b - Number of points awarded to candidates who have passed the exam at the previous level of study:

• Fundamentals of Design for candidates applying to the study programs Materials Engineering, Metallurgical Engineering and Digital Process Engineering, or an exam in a subject whose program corresponds to the program of the specified subject that is part of the Faculty's curriculum;

• Fluid Mechanics for candidates applying to the study program Chemical Engineering, or an exam in a subject whose program corresponds to the program of the specified subject that is part of the Faculty's curriculum;

• Biochemistry for candidates applying to the study program Biochemical Engineering and Biotechnology, or an exam in a subject whose program corresponds to the program of the specified subject that is part of the Faculty's curriculum;

• Environment and Pollution (Introduction to Occupational and Environmental Protection), for candidates applying for the Environmental Engineering study program, or an exam in a subject whose program corresponds to the program of the specified subject that is part of the curriculum of the Faculty of Technology and Metallurgy.

c – number of points awarded to candidates who have passed the exam at the previous level of study:

• Physical Chemistry for candidates applying for the Chemical Engineering, Materials Engineering, Biochemical Engineering and Biotechnology and Environmental Engineering study programs, or an exam in a subject whose program corresponds to the program of the specified subject that is part of the curriculum of the Faculty;

• Theory of metallurgical processes (i.e. Theoretical foundations of pyro- and hydro-metallurgical processes) for candidates applying to the study program Metallurgical Engineering, or an exam in a subject whose program corresponds to the program of the specified subject that is part of the Faculty's curriculum;

• Programming (Programming with the application of numerical methods in engineering) for candidates applying to the study program Digital Process Engineering, or an exam in a subject whose program corresponds to the program of the specified subject that is part of the Faculty's curriculum.

LS - number of points for the length of study

Exceeding the deadline for completing the previous level of study	Number of points
Less than 0,5 years	5
From 0,5 to 1 year	4
From 1 to 1,5 year	3
From 1,5 to 2 years	2
From 2 to 2,5 years	1
More than 2,5 years	0

For a person who has completed master academic studies, points for the length of study are calculated based on the total length of study in undergraduate and master academic studies.

TUITION FEE:
Tuition fee for citizens of the Republic of Serbia: 88,500.00 dinars. Tuition fee for foreign citizens: 4,000.00 euros.