

2023/2024.

THE CALL



FACULTY OF TECHNOLOGY AND METALLURGY

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UNIVERSITY OF
BELGRADE

STUDY PROGRAMME 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)**
- **Chemical Engineering, in English (60 ECTS)**

NUMBER OF VACANCIES FOR STUDENTS:

	Budget	Self-financing
Materials Engineering, in English	0	3
Environmental Engineering, in English	0	2
Digital Process Engineering, in English	0	2
Chemical Engineering, in English	0	2

CONDITIONS:

The candidates who have previously achieved a scope of undergraduate studies of at least 240 ECTS credits, according to the conditions prescribed by the University and Faculty, can enrol in the first year of master academic studies.

A person who has completed integrated studies, i.e., master academic studies, having achieved at least 300 ECTS credits, can also enrol in the first year of master academic studies, as well as a person who has acquired higher education according to the regulations that were valid until the day of entry into force of the Law on Higher Education (Official Gazette, No. 76/2005, 100/2007 - authentic interpretation, 97/2008, 44/2010, 93/2012, 89/2013, 99/2014, 45/2015 – authentic interpretation, 68/2015 and 87/2016) lasting at least eight semesters.

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

Prerequisite for enrollment in a study programme 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 one of the previous levels of education completed 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 overall average grade and passed exams of candidates in the previous level of studies.

For candidates who have completed undergraduate or integrated studies, the average grade achieved in those studies is taken as the OAG.

For candidates who have completed master academic studies, the overall average grade (OAG) is calculated on the basis of the average grades of study in undergraduate studies (GrUS) and master academic studies (GrMS), weighted by the duration of the study programme in undergraduate and master academic studies expressed in ECTS credits (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 acquired higher education according to the regulations that were valid until the entry into force of the Law, an average grade in undergraduate studies, which includes the thesis, if any, is taken as the OAG.

The total number of points is calculated as follows:

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

wherein:

OAG – overall average grade during the previous levels of studies.

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, Heat Transfer Operations, Mass Transfer Operations, Mechanical and Heat Transfer Operations, Transport 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 in Fundamentals of Process Design at the previous level of study, i.e., the exam in the subject whose programme corresponds to the programme of the specified subject which is part of the curriculum of the Faculty of Technology and Metallurgy.

c - Number of points awarded to candidates who have passed the exam in Physical Chemistry, i.e., exams in subjects whose programmes correspond to the programmes of the specified subject which is part of the curriculum of the Faculty of Technology and Metallurgy.

LS - number of points for the length of studies:

The exceeded duration of the previous level of studies	LS
less than 0.5 years	5
from 0.5 years to 1 year	4

from 1 year to 1.5 years	3
from 1.5 years to 2 years	2
from 2 years to 2.5 years	1
more than 2,5 years	0

TUITION FEE:

Tuition fee: EUR 4,000.00 (for study programmes in English).