2026/2027.

THE CALL

UNIVERSITY OF BELGRADE
SCHOOL OF ELECTRICAL ENGINEERING

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UNIVERSITY OF BELGRADE

STUDY PROGRAM FOR WHICH A CALL HAS BEEN ANNOUNCED:

Doctoral academic studies in Electrical Engineering and Computing – English language (180 ECTS)

NUMBER OF STUDENTS:

The doctoral academic study program in Electrical Engineering and Computing

- in English 20 self-financing students can enroll.

CONDITIONS:

A person who has completed undegraduate academic and master academic studies, or integrated studies at an accredited higher education institution and a study program with at least 300 ECTS credits, or completed at least four years of studies according to the regulations that were valid before the enactment of the Law on Higher Education and a general average grade of at least 8, may also apply. Persons with a general average grade of less than 8 may also apply, if they have achieved scientific papers published in journals from the list of the relevant ministry before enrolling in doctoral studies, in accordance with the general acts of the School or University (listed in the ranking criteria).

A person who has passed exams in subjects that represent the necessary preparation for the study area (module) for which they are applying may enroll in doctoral studies.

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

The prerequisite for enrollment in a study program conducted in English is proof of knowledge of English 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 RANKING OF CANDIDATES:

The ranking of candidates for admission to doctoral studies is determined based on the overall average grade achieved in bachelor and master academic studies, the length of study in bachelor and master studies, the achieved scientific results and other conditions prescribed by the Regulations on Doctoral Studies of the School.

The overall average study grade (OAG) is calculated based on the average grades of study in bachelor academic studies (GrUS) and master academic studies (GrMS), weighted by the duration of the study program in bachelor academic 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 completed integrated studies, the average grade achieved in those studies, the length of study and the achieved scientific results are taken into account.

For candidates who have acquired higher education according to the regulations that were in force before

the enactment of the Law on Higher Education, the average grade from undergraduate studies is taken, which includes the diploma thesis, if any, the length of study and the achieved scientific results.

A person who meets the general conditions of the call may also enroll in doctoral studies, if he has achieved scientific papers in an appropriate volume, i.e. whose total number of UB points is at least 8 (eight), calculated as follows:

$$\text{UB} = \text{OAG} + \frac{BN}{20}$$

where OAG is the general average grade, and BN is the number of points obtained for the candidate's achieved scientific papers published in the period of 3 years preceding the deadline for applications for the call, in categories M20–M60, according to the Rules on the Acquisition of Research and Scientific Titles. The maximum number of points for scientific papers that can be achieved is 10.

The order on the unified list is determined based on the number of points B

$$B = UB + 2\left(1 - \frac{M}{60}\right) + KK - D$$

where M is the number of months in which the student has mastered the previous levels of the study programs, KK is the correction factor, and D is the number of additional exams assigned to the candidate. Candidates may be entitled to receive the correction factor KK=1 when ranking if they are employed as a teaching associate or have begun the selection process for the position of assistant at the School of Electrical Engineering, University of Belgrade. A person who has completed studies that do not provide the necessary preparation for the module for which they are applying may be prescribed additional exams, which is decided by the Commission for Third-Cycle Studies upon the proposal of the Head of the module, for each candidate individually.

TUITION FEE:

Tuition fee: 10,000.00 EUR.

Students choose one of eleven study areas (modules) upon enrollment.

- *Power grids and systems*
- *Electronics and digital systems*
- *Power converters and drives*
- *Microwave engineering*
- *Nanoelectronics and photonics*
- *Nuclear, medical and environmental technology*
- *Applied mathematics*
- *Computer engineering and informatics*
- *Software engineering*
- *Telecommunications*

• *Systems control and signal processing*