

L. Education programme in *Technical Computer Science* in the discipline of information and communication technology with English as a medium of instruction

Application requirements

The *Technical Computer Science* programme at the Doctoral School of Exact and Natural Sciences welcomes applicants holding a Master's degree, a Master of Engineering degree or an equivalent degree received in any subject (major).

Applicants who hold a Master's degree, a Master of Engineering or an equivalent degree in a field other than exact and natural sciences may also apply for admission to the programme. In such cases, the applicant submits 1. an opinion from a senior academic staff member (a staff member with a postdoctoral degree) confirming the applicant's achievements and competencies necessary to pursue education at the *Technical Computer Science* programme, and 2. other documents confirming these achievements, e.g. participation in projects, conferences, courses.

In exceptional cases and taking into account scientific achievements of high quality, a person referred to in Article 186(2) of the Act, who does not hold a Master's degree and who is a graduate of the first-cycle study programme or a student who has completed the third year of the long-cycle study programme but who has a student status in a field from among those indicated above, or who has completed such studies, may also apply for admission to this programme.

In order to verify whether the condition referred to in Article 186(2) of the Act is met, the applicant is required to submit two opinions confirming high-quality research and the degree of progress to date of their research. These opinions are issued by scientific advisors holding a postdoctoral degree, or who are employees of a foreign university or scientific institution and who have outstanding achievements related to the programme in question.

The Director, in consultation with the chairperson of the admission committee, shall decide whether an applicant meets the condition referred to in Article 186(2) of the Act.

Admission criteria

Applicants are assessed by the admission committee during an interview. The interview consists of two separately assessed parts. In the first part, the results of the studies, achievements and general knowledge are assessed (0-50 points), while in the second part a master's thesis and research proposal are evaluated (0-50 points).

Admission procedure

In the first part of the interview, the committee evaluates the applicant's grade point average of their studies and the achievements listed in the CV. This part also assesses the applicant's knowledge in the field that does not go beyond the first-cycle programme and second-cycle programme in computer science.

In the other part, the committee assesses the applicant's master thesis, their research proposal and the preparation to conduct research. In this part, the applicant's knowledge in the proposed research area is also checked.

Calculating admission score

Final result of the admission procedure is calculated according to the formula:

$$W = A + B$$

where:

A is a score of 0 –50 points for the 1st part of the interview,

B is the score of 0 –50 points for the 2nd part of the interview.

Calculating admission result

The final admission result *W* is a number determined for all the applicants as the number of points received during the interview.

Applicants with the highest *W* values are admitted to the programme in *Information technology*.