Bachelor’s Programme (BSc) in Computer Science Engineering

The objective of the programme is to train and educate engineers who are able to install, exploit and maintain information technology based systems and services including the design and development of the necessary software systems as well. The graduates are able to progress into a Master of Science Degree Programme in Computer Science Engineering and/or are prepared to embark upon a professional career in the field.

Admissions requirement:

High School Certificate in Mathematics and one of the following subjects: Physics, Informatics, Electronics. English language skills in level B2

The necessary requirements to obtain qualifications:

Requirements for the Bachelor’s degree in Computer Science Engineering

- complete 210 credits
- complete the mandatory internship
- final thesis
- final exam

Course structure, credits:

Subjects: 146 credits
Specialization Courses: 39 credits
Thesis: 15 credits
Elective Subjects: 10 credits

Evaluation and grading criteria:

Most courses require an examination to be taken during the midterm and the final exam period. In addition, the teacher may prescribe, for example, an oral report, may assess the student’s performance in class, and may set written homework assignments and special homework essays. All these requirements are announced in advance, together with their percentage weight in calculating the final grade.

1 Hungarian credit = 1 ECTS 1 credit is defined as 30 student working hours

The assessment and grading will be based on class contribution, or/and a presentation in the
classroom or/and group project work or/and written test or/and case studies or/and oral exam.

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
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<tbody>
<tr>
<td>0-49%</td>
<td>fail</td>
</tr>
<tr>
<td>50-61%</td>
<td>pass</td>
</tr>
<tr>
<td>61-75%</td>
<td>satisfactory</td>
</tr>
<tr>
<td>76-85%</td>
<td>good</td>
</tr>
<tr>
<td>86-100%</td>
<td>excellent</td>
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</tbody>
</table>

The selection and recording process:

A complete application consists of the following documents: - completed application form, - officially certified copy / copies of high school or university degree / degrees (in English), - certificate of English language knowledge (TOEFL IBT or IELTS), (Exemption from the English language proficiency test is granted to those: - whose native language is English, - who have studied in a secondary school/ higher education institution where the language of tuition is English) - officially certified copy of the valid passport (with the place and date of expiration), - CV in English, - 4 passport-sized photographs. The application form should be duly filled in electronically and sent in with all requested documents to arrive before the deadline. After receiving all the necessary application documents listed above, the applicant takes part in a professional entrance examination led by the admission committee of the faculty, which makes a recommendation about the admission of the applicant. The oral part of the entrance examination can take place either in the John von Neumann University, or via Skype. Following the entrance examination the University sends the notification letter to the applicant about the result of the application.