BSc degree program in Electrical Engineering - Prerequisite rules
Valid from 1st September 2022

Semester

1. Foundation of computer science → Mathematics A1a → Physics 1
   → English for Electrical Engineering and Informatics
   → Basics of programming 1
   → Digital design 1

2. Mathematics A2 → Physics 2 → Signals and systems 1
   → Materials in Electronics
   → Basics of programming 2
   → Digital design 2

3. Mathematics A3 → Mathematics A4 → Electrotechnics
   → Signals and systems 2 → Microelectronics
   → Electronics technology

4. Power engineering → Control engineering → Info-communication
   → Electronics 1 → Measurement technology
   → Informatics 1

5. Study specialization subject 2 → Study specialization subject 1
   → Study specialization subject 3
   → Laboratory 1
   → Electronics 2
   → Informatics 2

6. Introduction to electromagnetic fields
   → Study specialization laboratory
   → Project laboratory
   → Laboratory 2
   → Micro- and macroeconomics
   → Business law

7. BSc thesis project

LEGEND:
• Continuous line with arrow: credit for the prerequisite course is required to enroll
• Dashed line with arrow: signature of the prerequisite course is required to enroll
• Dotted line with arrow: The specialization may requires this prerequisite

This document does not contain all subjects. The full list of the subjects to be completed in each semester can be found in the program description and the roadmap. Enrollment for specialization and Thesis work is also based on preliminary conditions; it is included in the program description.