Why University of Tartu?

• UT is ranked among the TOP 1.2% of universities in the world (QS World University Rankings 2018);
• UT is one of top two universities in Central and Eastern Europe in Computer Science (THE World University Rankings 2018 by Subject);
• Opportunity to complete 50% of studies at a company;
• Highly coveted graduates in the international job market;
• Curriculum designed to form T-shaped, full-stack software engineers;
• International team of lecturers with experience in over 15 countries;
• Access to state-of-the-art infrastructure across the two largest Estonian universities;
• Advanced study facilities, a comprehensive library and computer labs;
• Erasmus and other partnership agreements to study abroad;
• Modern residence halls and affordable accommodation;
• International students rate Estonia as the #1 place to stay (Erasmus Student Network Survey);
• Tuition-waiver scholarships available.

NB! This publication is meant for informational purposes only. Please refer to the university website for the latest official information.
Master of Science in Engineering
Software Engineering

Master’s programme in Software Engineering imparts general software engineering and management skills, as well as specialised skills in two major application domains: enterprise systems and embedded real-time systems. The programme is delivered jointly by the University of Tartu and Tallinn University of Technology. Graduates of Software Engineering have the necessary skills to succeed in high-end technical roles (e.g. software analyst, architect or research engineer) and managerial roles (e.g. project/team leader or technology officer).

Curriculum structure
Total 120 ECTS

- Core module (24 ECTS)
  - Systems Modelling
  - Software Economics
  - Advanced Programming
  - Software Quality and Standards
- Specialisation module (24 ECTS) – choice of 2 modules
  - Enterprise Software (studies at the University of Tartu)
  - Embedded Real-Time Software Engineering (studies at Tallinn University of Technology)
- Elective courses (18 ECTS)
  - Practice module (18 ECTS)
  - Master’s seminar (6 ECTS)
  - Master’s thesis (30 ECTS)
- Practice module (18 ECTS)
- Elective courses (18 ECTS)
- Master’s seminar (6 ECTS)
- Master’s thesis (30 ECTS)

General admission requirements
- Bachelor’s degree or equivalent in Information Technology, Computer Science, Software Engineering, Computer Engineering, Information Systems or a related field;
- Applicants with a Bachelor’s degree in Mathematics or Natural Sciences, Technology, Engineering, Business or Economics are eligible if they have completed at least 24 ECTS of courses in Information Technology, incl. courses in Programming, Database Technology and Software Engineering.

Tuition fee & scholarships
€4000/year*

*NBI! All admitted students will receive a tuition-waiver scholarship

Language of instruction
English

Duration of the programme
2 years

Location
Tartu, Estonia

Application process
1) Submit an online application with required documents (link available on the programme’s website);
2) Mail the documents after being admitted or when requested by the university.

Documents to be submitted
- Online application;
- Motivation letter;
- Official copy of the Bachelor’s diploma or its equivalent and Diploma Supplement (transcript/mark sheet) in the original language;*
- Official translation of the Bachelor’s diploma and Diploma Supplement (transcript/mark sheet) into English, translation certified;
- Proof of English language proficiency (ut.ee/requirements, e.g. TOEFL iBT 75, IELTS 5.5);
- Copy of the passport page stating the applicant’s personal details.

*Tuition fee & scholarships

Application deadline
March 15

NB! Applicants graduating and having their diplomas issued later than the application deadline, should electronically submit their most recent official Transcript of Records by the required deadline along with the rest of the required documents.

Programme contact:
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marlon.dumas@ut.ee

ADDRESS
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