Master of Science in Engineering
Robotics and Computer Engineering

Why University of Tartu?

• UT is ranked among the TOP 2% of universities in the world (QS World University Rankings 2016/2017);
• Advanced study facilities, a comprehensive library and computer labs;
• Highly coveted graduates in the international job market;
• International team of lecturers with experience in over 15 countries;
• UT students and professors lead the project of student satellite ESTCube-1: Estonia became the 41st space nation in the world after the satellite was launched in 2013;
• Estonia is home to Skype, NATO’s Cyber Defence Centre of Excellence, the EU’s IT Agency, and many successful IT start-ups, a pioneer in e-identity, -voting, -prescription and other digital society initiatives and on top of the list for Internet Freedom (Freedom of the Net survey);
• Modern residence halls and affordable accommodation;
• Tuition-waiver scholarships available.

NB! This publication is meant for informational purposes only. Please refer to the university website for the latest official information.

Send us your question: ut.ee/ask
Master of Science in Engineering
Robotics and Computer Engineering

Master’s programme in Robotics and Computer Engineering trains highly qualified roboticists, computer and space engineers. The programme combines both hardware and software. Three main specialisation areas are computers, robots and space technology. People are surrounded by devices that combine electronics and informatics. The Master’s programme in Robotics and Computer Engineering focuses on the development of high-tech systems and equipment. Graduates can work in enterprises or research and development centres connected to their field of study.

Curriculum structure
Total 120 ECTS

• Core module (24 ECTS)
  - Data Analysis and Computational Methods with MATLAB
  - Data Acquisition and Signal Processing
  - Digital Image Processing
  - Distributed Systems
  - Technical Graphics
  - Computational Physics

• Seminar module (12 ECTS)
  - Master’s Seminar
  - Practical Training
  - Teaching Practice

• Specialisation module (24 ECTS)
  - Robotics
  - Computer Engineering
  - Space Technology

• Optional courses (6 ECTS)

• Master’s thesis (30 ECTS)

• Elective module (24 ECTS)
  - Internship
  - Leadership module
  - Business module
  - Semester abroad

General admission requirements
• Bachelor’s degree (or equivalent) in Information Technology, Electrical and Electronic Engineering, Computer Science, Mechanic Engineering, Software Engineering, Computer Engineering, Information Systems or a related field.
• Prerequisite courses in the following fields, in total for the value of 45 ECTS: higher mathematics (6 ECTS), physics (6 ECTS), programming (6 ECTS) and computer hardware (3 ECTS); courses in electronics, computer engineering, computer technology or informatics - minimum for the value of 24 ECTS.

Tuition fee & scholarships
€4000/year
Top-ranked applicants receive tuition-waiver scholarships

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.

*All copies of educational documents (diplomas and diploma supplements/academic transcripts) must be officially certified. Certified copies should bear an original signature and seal of the authority certifying that these are true copies of the original. The documents can be certified: 1) by an authorized official of the issuing institution; 2) by a notary; 3) with an Apostille attached. The University does not accept simple copies of already certified copies.

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.

ADDRESS FOR ENQUIRIES
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University of Tartu
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Telephone +372 737 6109
studyinfo@ut.ee

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