UNIVERSITY OF TARTU

BUSINESS OVERVIEW

Founded in 1632, the University of Tartu (UT) is the largest university in Estonia and one of the most respectable centres of education and research in Central and Eastern Europe. It preserves the culture of the Estonian people and spearheads the country's reputation in research and provision of higher education. UT belongs to the top 1.2% of world's best universities.

The Institute of Computer Science (ICS) is one of the fastest growing and most international institutes at the University of Tartu. It has operated under that name and as a separate entity since 1993. In addition to our main activities in academic higher education ICS also considers important to host various other educational activities such as practical IT workshops for school children, massive open online courses on the basics of coding and IT workshops for teachers as well.

BUSINESS PRODUCTS

The Institute of Computer Science offers different Bachelor and Master's programmes including two English language MA programmes (Computer Science and Software Engineering). We also collaborate with Tallinn University of Technology (Cyber Security) and Aalto University (Security and Cloud Computing) to offer two joint Master's programmes coordinated by the respective institutions. In Estonian language we have three Master's programmes – Data Science, Teacher of Mathematics and Informatics, and Conversion Master in IT.

Secondly, ICS offers a possibility to study in the Industrial Master's Programme in IT. This is a study format for the first year Master's students in Software Engineering, Computer Science and Data Science (Master's programme in Estonian only) curricula in the Institute of Computer Science, where 50% of the student's studies will take place at a partner company. Students and companies will be matched for the programme based on mutual interests and research directions of both the student and the company.

ICS also offers a PhD programme in Computer Science.

COMPETENCIES

- Data science
- Machine learning
- Artificial intelligence
- Cryptography and quantum cryptography
- Bioinformatics

- Electronic identity research
- Computational neuroscience
- Business process management
- Information security and privacy
- High Performance Computing

CONTACT

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