SCIENCE AND TECHNOLOGY
(ENGLISH-TAUGHT PROGRAMME)

- A broad-based overview of natural and exact sciences and technologies
- Three fields of specialisation – genetics and biotechnology; bioengineering and robotics; chemistry and materials science
- International programme enables to continue studies in any natural science field in Estonia and abroad

Ilona Faustova,
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„Today’s demanding world requires a dynamic approach. The strength of the programme is a broad understanding and synthesis of the basics of natural and technological sciences. Studying in English opens an international horizon and provides a strong basis for further studies.“
STUDIES

The international programme has innovative content and comprises selected parts of all that is taught in the Faculty of Science and Technology. In the first year, the students study subjects which give a good basic knowledge and prepare for work with modern technologies and materials. Later it is possible to choose a suitable field of specialisation, based on the acquired knowledge about different fields. The specialisation options include nanotechnology, systems and synthetic biology, robotics, signal processing and modelling.

ENVIRONMENT

The rhythm and environment of the university town is great for studying and living student life to the fullest. There is plenty of excitement – for example, the Science Theatre to find new acquaintances and discover and demonstrate fascinating phenomena of different fields of science. The student satellite ESTCube welcomes new members, the Robotics Club offers a chance to improve and apply knowledge about robotics. Students can join professional organisations and find traditions in academic student organisations.

STUDY FORM

The main forms of studying are lectures, seminars, practical training and independent work. The emphasis is on acquiring practical skills by relating theory to applications. In addition to learning the subject, seminars teach discussion skills, written and oral communication. The programme promotes specialised entrepreneurship and entrepreneurial training which brings students to enterprises that need their input. The programme has the best lecturers and researchers and modern laboratories in the Maarjavälja campus and the town centre.

GRADUATES

Graduates of the programme are expected to contribute to the development of technology enterprises in Estonia and abroad. They are wanted in, for example, monitoring centres, various manufacturing enterprises and laboratories as technologically qualified members of the lab staff. The broad education enables to make wise, calculated decisions about continuing studies on master’s level in all natural science and technology specialisations at the University of Tartu and other top universities.