Theoretical foundations of computer science

Siberian Federal University

Language of study: **English**
Mode of study:
Duration: **4 years**
Availability of free education: **no**
Price: **2 215 EUR**

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The purpose of the educational program is to prepare highly qualified scientific and scientific-pedagogical personnel for activities that require in-depth fundamental and professional training and knowledge in the field of informatics and computing technology, including research and teaching activities.

Theoretical foundations of computer science - a specialty that includes research into the processes of creation, accumulation, and processing of information; research on methods of converting information into data and knowledge; creation and research of information models, data and knowledge models, methods of working with knowledge, machine learning methods and discovering new knowledge; research of the principles of creation and functioning of hardware and software for the automation of these processes.

Specializations within this programme