

Computer Sciences

National Research Tomsk State University

Degree or qualification is awarded: **Master's degree**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **2 years**

Availability of free education: **no**

Price: **185 200 RUB per year**

Programme webpage at the university website: <http://www.csd.tsu.ru/education/magistracy/FundInfCS>

Programme curator: **Yu. L. Kostyuk**

Tel.: **+7 (382) 252-94-96**

E-mail: finf_dd@mail.tsu.ru

Computer professionals, scientists, and engineers benefit from a full range of instruction and skills building in a variety of areas including theory, analysis, design, and implementation of information systems. Upon completing the degree program, students will:

1. Demonstrate mastery of the mathematical tools and methods used in analyzing the performance and efficiency of computer algorithms.
2. Have the ability to determine the correctness of deterministic and non-deterministic algorithms.
3. Demonstrate mastery of several important data structures useful in scientific programming and sorting/searching.
4. Demonstrate mastery of several important graphs, algorithms, and their associated creation, maintenance, and application strategies.
5. Demonstrate mastery of several important data structures useful in string search and their associated creation, maintenance, and application algorithms.

Specializations within this programme