

Genetics

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: **223 700 RUB per year**

Programme webpage at the university website: <http://bio.tsu.ru/node/6870>

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The programme offers training of qualified specialists in genetics who have profound knowledge and understanding of cytogenetic aspects in adaptation of humans, animals and plants to changing environment. Such specialists are able to analyze and forecast molecular and cytogenetic mechanisms of adaptation and evolution of organisms, and to be creative and innovative in their work.

Programme Contents:

- Molecular genetics.
- Current problems of biotechnology.
- Model sites and test systems.
- Development genetics.
- Evolutionary cytogenetics.
- Molecular cytogenetics.
- History of genetics.
- Featured chapters of genetics.
- Human genetics.
- Evolutionary genetics.

The programme includes application of new research methods and cooperation with leading researchers from such institutes, as: Research Institute of Cytology and Genetics (SB RAS), Research Institute of Medical Genetics (SB RAMS), Research Institute of Oncology (SB RAMS), Research Institute of Psychic Health (SB RAMS)

Graduates have the opportunity to continue their studies as PhD-students.

Admissions

Admission is competitive, students with Bachelor's degrees or higher are eligible. The admission tests are an exam in Biology and an interview.

Specializations within this programme