

# Soil Science

National Research Tomsk State University

Degree or qualification is awarded: **Bachelor**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **4 years**

Availability of free education: **no**

Price: **210 300 Rub per year**

Programme webpage at the university website: <http://bio.tsu.ru/node/781>

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This programme is based not only on state education standards, but also innovations and the cutting-edge technologies in pedology. Teaching techniques are constantly updated which keeps the quality of education high and competitive comparing to the leading pedology departments in Russia.

The "Genesis and evolution of soils" program aims to train specialists able to deal with study of composition, properties and genesis of soils as the part of the biosphere, conducting activities in areas of agrochemistry and soil studies, with organization and realization of field and soil-and-ecological observations and measurement with using modern technological means, analysis of agriculture production and use of fertilizers, activities and enhancement of soil use efficiency, development of optimal parameters of soil fertility, creation of soil-reclamation, soil-engineering, soil-landscape projects, and others.

The program includes the following main subjects: pedology, geography of soils, biogeochemistry, agrochemistry, soil chemistry, soil physics, physical-and-chemical analysis of soils, land management, agricultural chemistry, modeling of soil processes.

The program is intended to provide qualified employees for Russian Academy of Sciences, centres for environment pollution control, agrochemical labs, projects and enterprises.

## **Specializations within this programme**