

## **Brief Description of the Program**

### **Career**

The vocational education that students receive is based on a complex of classical geographical disciplines and allows them to acquire a wide natural-science, geo-ecological outlook, which is complemented by socio-economic knowledge, the study of regional geography, tourism and recreation.

Graduates are proficient in statistical methods; they can use special computer programs; they are also competent in analyzing the natural potential, recreational and socio-economic conditions of the region, elaborating special recommendations for the development of branches of the economic complex and environmental management, and organization and implementation of the tourist business.

Additional qualification is provided by studying the psychological and pedagogical disciplines, which gives the right to work as a teacher.

### **Educational process**

Geography students study the patterns of spatial distribution and the development of diverse natural and socio-economic objects and phenomena. The task of the educational process is to prepare highly qualified specialists with a wide geographic horizon who are able to see nature, the environment in internal relationships and relationships with a person, combining deep fundamental knowledge with practical skills and modern research methods.

The educational process consists of classroom classes (lectures, workshops, seminars, laboratory classes) and summer practical training and work placement at educational and research facilities of the institute.

The institute and the department are equipped with modern computers, wide-format scanners and printers, automatic photogrammetric stations, an automatic weather station, etc.

The TSU Geological Museum plays an important role in training specialists. According to the richness and clarity of the exhibits, it is a unique collection. Today it has no analogues in the region. The asset of the Geological Museum contains mineralogical, petrographic, paleontological and archaeological collections, which number more than 2500 units of the main stock. On the basis of the collection, students of various specialties in the natural sciences are taking classes.

### **Disciplines**

The curriculum of all levels includes four blocks of training courses.

Humanities:

- ✓ Economy
- ✓ Foreign Language
- ✓ Pedagogy and Psychology
- ✓ Russian Language and Culture of Speech
- ✓ Cultural Studies
- ✓ Law
- ✓ Philosophy
- ✓ History

Basic natural disciplines:

- ✓ Mathematics
- ✓ Physics
- ✓ Biology with the Basics of Ecology

- ✓ Chemistry
- ✓ Computer Science and Information Technology

Fundamental geographical disciplines:

- ✓ Physical Geography
- ✓ Landscape Science
- ✓ Population Geography with the Basics of Demography
- ✓ Cartography with the Basics of Topography
- ✓ Physical Geography of Continents and Oceans
- ✓ Physical Geography of Russia
- ✓ Geology with the Basics of Paleogeography
- ✓ Nature Management
- ✓ Economic and Social Geography of Russia
- ✓ Economic and Social Geography of the World, etc.

Specialized courses:

- ✓ Nature and Landscapes of the Tambov Region
- ✓ Recreational Geography
- ✓ Global Problems of Mankind

### **Practical training**

First-year students undergo a set of sectoral geographical practices in topography, geomorphology and geology, soil science, meteorology, hydrology, and landscape science in the territory of Tambov region and neighboring areas.

Second-year students undergo practical training in various regions of Russia, including Karelia, the Crimea, the Caucasus, the Urals, lake. Baskunchak, Volgograd, Rostov-on-Don, the coast of the Black and Azov seas, where the students do active field and stationary research.

Practical training of 3 year and 4 year students is held in industrial enterprises, research and production organizations, and departments of administrations at various levels. On the basis of the materials collected during practical trainings, course papers and bachelor's degree projects are defended.

### **Career**

After completing the educational program, the graduate will be able to find a job in the management structures at various levels as a specialist in territorial organization and territorial analysis of economic, social and political processes. In commercial organizations (trade, industrial, agricultural) as a specialist in the organization of economic and trade relations, sale of products, export and import relations, etc. In various institutions working in the areas of land management, geodesy, land use, assessment and marking of land. In all organizations of tourism (including international), excursions, recreation of the population. In institutions dealing with ecology, environmental protection, environmental management, construction, in conservation areas, reserves and museums. In addition, university graduates have the right to teach in all educational institutions (from schools to universities).

A geography graduate may hold the following positions: research assistant, cadastral engineer, paleogeographer, scientific editor, economist-geographer, research engineer, environmental protection engineer, guide, manager of a travel company, and others which require a higher geographical education.