

05.03.02 Geography

Degree: *bachelor*

Duration of training: *4 years*

Form of training: *full time*

Language of instruction: *Russian*

Accreditation: *state*

Program description:

You will receive training in landscape administration; design and planning; geoinformation mapping; control and auditing, eco-auditing and production activities in the field of nature management and environmental protection; scientific and pedagogical activities;

Skills of examination of interaction between Earth's geospheres (atmosphere, lithosphere, hydrosphere, biosphere) for understanding and solving modern global problems of mankind; landscape mapping using geo-information technologies, including aerial and satellite survey materials and remote sensing of the Earth; studying of anthropogenic impact on natural landscapes and assessment of its ecological state; research, modeling and forecasting of local, regional and global natural, socio-economic and geopolitical processes; participation in the development and implementation of recommendations for the environment protection; development and implementation of monitoring and optimization of land and water landscapes programs, etc.

Basic courses:

- Physical Geography of Continents and Oceans
- Climatology with the Basics of Meteorology
- Population Geography with the Basics of Demography

Special courses:

Graduates of the program work as top specialists (cartographers, ecologists, topographers, meteorologists) in scientific, planning and surveying organizations; state administrative establishment dealing with the study, monitoring and planning of land and aquatic landscapes; its mapping by means of aerial and satellite survey materials and GIS technology; engineering surveys for the construction and development of infrastructure; environmental design and expertise; natural resources and environmental protection management; in educational institutions.

Contacts of the program director:

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Scopus profile:

<https://www.scopus.com/authid/detail.uri?authorId=55971159100>



	<ul style="list-style-type: none">• Topography with the Basics of Cartography• Economic and Social Geography of Russia and the World with the Basics of Geography of Economic Sectors• Recreational Geography and Tourism• Oil Pollution and Self-Cleaning <p>Research areas: 39.19. Physical Geography; 39.19.31 Landscape Studies; 39.21.02 Theoretical and General Problems of Economic and Social Geography; 39.01.94 Environmental Protection; 37.21.02 General Problems of Meteorology</p>	
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