

Division: *Institute of Natural Sciences and Mathematics*

Academic programme: *05.03.06 Ecology and Use of Natural Resources, Rational Use of Natural Resources*

Mode of study: *full-time*

Programme length: *4 years*

Programme level: *Bachelor's degree*

Language of instruction: *Russian*

Programme description: *The educational programme was opened in 2001. Training is aimed at obtaining competencies in fundamental and applied ecology, nature management, biological aspects of environmental impact and reducing anthropogenic impact on the environment. In addition to the compulsory foreign language, the curriculum provides for the study of professional-oriented English.*

Students carry out scientific research at the world level using the capabilities of the Nanotechnology Centre. Over the past 5 years, students have participated in person at conferences held in Bulgaria, Germany, the Netherlands, Spain, Slovakia, Finland, and the USA. Students publish the results of their work in world-class journals such as Biodiversitas, International Journal of GEOMATE, Ecological Indicators.

Our graduates have great career opportunities both in enterprises and in science.

Main programme-specific classes:

- *Biotechnology*
- *Assessment of Environmental Damage and Payments for Environmental Pollution*
- *Geoinformation Systems*
- *Low-waste Technologies and Environmental Protection*
- *Fundamentals of Toxicology*
- *Profession-oriented English*
- *Rehabilitation of Disturbed Territories*
- *Resource Potential of the Region*
- *Social Ecology*
- *Technogenic Systems and Environmental Risk*
- *Air and Gas Purification Technology*
- *Technology of Natural and Waste Water Treatment*
- *Waste Recycling Technology*

- *Environmental Problems in Urban Planning*
- *Analytical Chemistry and Physicochemical Methods of Analysis*
- *Colloidal Chemistry*

Programme manager: *Viacheslav V. Avdin, Doctor of Sciences (Chemistry), Associate Professor, Head of the Department of Ecology and Chemical Engineering*