

<p style="text-align: center;">Area of study 06.04.01 Biology Program Ecology</p> <p>Degree: Master Program length and study mode: 2020-2022 Language: Russian Credits: 120 Start date: September, 2020 Location: Academy of Biology and Biotechnologies, Rostov-on-Don</p> <p>Entry requirements: bachelor or specialist's degree</p>	<p style="text-align: center;">Program overview:</p> <p>The students obtain environmental, information, legal and methodological knowledge in order to develop the plans for the rational use of natural resources, implement environmental management systems, and promote resource and energy-saving environmental technologies.</p> <p>The model of the educational program is based on the research component, aimed at training research specialists and their work in scientific departments (laboratories, institutes and centers).</p> <p>The practical orientation of the program implies the ability of graduates:</p> <ul style="list-style-type: none"> - to put into practice modern mechanisms and tools for environmental protection (such as licensing, environmental certification, audit of technologies, industries and territories according to environmental and sanitary-epidemiological criteria; environmental insurance, information technology, environmental risk assessment); - to have skills in design and development of environmental safety systems, environmental management systems, analysis of the possibilities of integrating management systems to solve environmental problems; - to have willingness to work effectively in national and international organizations and carry out various types of management activities related to decision-making in the interests of environmental safety and sustainable development; - to have willingness to work on environmental education and training in collaboration with environmental public organizations, in order to attract people to participate in environmental activities. <p>Program structure:</p> <p>The master's degree program is developed in accordance with the Federal State Educational Standard for Higher Education (FSES</p>	<p>Careers:</p> <ul style="list-style-type: none"> - industrial, research, educational and industrial institutions - federal, municipal and commercial structures: the Southern Scientific Centre of the Russian Academy of Sciences, the Ministry of Natural Resources and Ecology of the Russian Federation, etc. <p>Get in touch:</p> <ul style="list-style-type: none"> - <i>Tatyana V. Denisova</i> - <i>Doctor of Sciences</i> - <i>89198787611</i> - <i>e-mail: denisova777@inbox.ru</i> - <i>WoS/Scopus ID 8684221800</i> <div style="text-align: center;">  </div>
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HE). The involvement of students in scientific research and innovation will ensure the consolidation of scientific, educational and innovative activities in the field of ecology, nature management and environmental protection.

The program is built and compiled based on a modular principle, taking into account the requirements of the Federal State Educational Standards of Higher Education and the Standard for the Development and Implementation of Educational Programs at SFedU. A flexible educational path is manifested not only in the availability of elective courses, but also in the possibility of participation, in addition to scientific research itself, in various projects that have relevant topics supported by scientific grants.

Typical units of study may include:

1. Foreign language in professional communication;
2. Philosophy, history and methodology in biology;
3. Research Management;
4. Bioinformation analysis, mathematical statistics and computer technology in biology;
5. The doctrine of the biosphere and global environmental problems.

Research areas:

The Master's theses will be completed in accordance with the areas of scientific research supported by the state target of the Ministry of Education and Science of the Russian Federation, a grant of the President of the Russian Federation for state support of leading scientific schools of the Russian Federation, a grant of the President for state support of young Russian scientists - candidates of sciences, a grant from the Russian Science Foundation, a state contract with the Utrish State Nature Reserve and etc.