

<p>05.04.06 Ecology and Management of the Environment and Natural Resources</p> <p>Environmental Monitoring and Protection</p> <p>Degree: <i>Master</i></p> <p>Duration of training: <i>2 years</i></p> <p>Form of training: <i>intramural</i></p> <p>Language of instruction: <i>Russian</i></p> <p>Accreditation: <i>state</i></p>	<p>Program description:</p> <p><i>We offer training</i> in the field of organization and implementation of complex observations over the atmosphere, hydrosphere, lithosphere and biosphere state; its assessment and natural landscapes and resources protection from negative human-induced processes at the global, regional and local levels;</p> <p><i>Experience, skills</i> of mastering of methods and means of observation, analysis and forecasting of the ecological state, natural and man-made disasters, degree of its anthropogenic transformation, identification of dominant factors and processes of anthropogenic impact on the environment, assessment of its vulnerability, development of recommendations for sustainable landscape development and restoration.</p> <p>Basic courses:</p> <ul style="list-style-type: none"> • Foreign Language in the field of Professional Communication; • Computer Technologies and Statistical Methods in Ecology and Nature Management; • Modern Problems of Ecology and Nature Management and International Cooperation in the field of Environmental Protection <p>Special courses:</p> <ul style="list-style-type: none"> • Aerospace Methods in Environmental Monitoring and Nature Protection; • Geochemistry of Terrestrial and Aquatic Landscapes; 	<p>Graduates of the program work as environmental specialists in scientific, oil, gas and coal mining companies, design and survey organizations, state administrative structures conducting land and aquatic monitoring, mapping, protection, engineering surveys for the construction and development of infrastructure, environmental design and expertise, environmental audit, as well as in secondary, vocational and higher education institutions.</p> <p>Contacts of the program director:</p> <p>Dotsenko Irina Vladimirovna dotsenko@sfedu.ru</p> <p>Scopus profile: https://www.scopus.com/authid/detail.uri?authorId=26535788100</p> 
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