

| Environmental Safety | Credit units |
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| Total | 252,11 |
| Total theoretical study | 213 |
| Courses | |
| Compulsory courses | 99 |
| History | 3 |
| Philosophy | 3 |
| Economic Theory | 3 |
| Sociology | 2 |
| Foreign language | 6 |
| Mathematics | 4 |
| Computer science | 4 |
| Geographic information systems in ecology and environmental management | 4 |
| Physics | 4 |
| Chemistry | 4 |
| <i>Inorganic chemistry</i> | 2 |
| <i>Analytical chemistry</i> | 2 |
| Biology | 4 |
| <i>Botany</i> | 2 |
| <i>Zoology</i> | 2 |
| Geology | 4 |
| <i>General geology</i> | 2 |
| <i>Hydrogeology</i> | 2 |
| Geography | 4 |
| Soil science | 3 |
| Module Fundamentals of ecology | 17 |
| <i>General ecology</i> | 4 |
| <i>Biodiversity</i> | 2 |
| <i>Geoecology</i> | 3 |
| <i>Human ecology</i> | 3 |
| <i>Social ecology</i> | 2 |
| <i>Environmental protection</i> | 3 |
| Module The study of the Earth | 12 |
| <i>Atmosphere of the Earth</i> | 3 |
| <i>Biosphere of the Earth</i> | 2 |
| <i>Hydrosphere of the Earth</i> | 4 |
| <i>Landscape science</i> | 3 |
| Module Fundamentals of nature management | 14 |
| <i>Fundamentals of nature management</i> | 4 |
| <i>Environmental economics</i> | 2 |
| <i>Sustainable development</i> | 3 |
| <i>Environmental impact assessment (EIA)</i> | 3 |
| <i>Legal Fundamentals on nature management and environmental protection</i> | 2 |
| Vital Activity Safety | 2 |
| Physical education | 2 |
| Optional courses | 114 |
| Compulsory subjects | 65 |
| Module Applied ecology | 9 |
| <i>Ecological monitoring</i> | 3 |
| <i>Standardization and reducing pollution in environment</i> | 3 |
| <i>Technogenic (Man-made) systems and environmental risk</i> | 3 |
| Russian language and speech culture | 2 |
| Political science | 3 |
| Bioethics | 3 |
| Dangerous natural and man-made phenomena | 4 |
| Hydrophysics of water bodies | 5 |
| Environmental security | 3 |

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| Fundamentals of applied ecology in the water sector | 4 |
| Waste management | 3 |
| Efficient water use | 3 |
| Environmental management | 4 |
| Aquatic toxicology | 4 |
| Geodesy | 3 |
| Environmental monitoring devices | 3 |
| Remote sensing in ecology and nature management | 3 |
| Fundamentals of bioindication and biomonitoring | 4 |
| Mapping in environmental management | 4 |
| Optional subjects | 49,1 |
| Physical education elective courses | 9,11 |
| Specially protected natural areas of the Federal level | 3 |
| The protection of flora and fauna | 3 |
| National history | 2 |
| The history of the development of ecological and environmental movement | 2 |
| Environmental issues of the metropolis | 2 |
| Social and environmental issues of environment protection | 2 |
| Fundamentals of environmental research | 4 |
| Fundamentals of engineering and environmental surveys | 4 |
| Current environmental issues and ecological safety | 3 |
| Fundamentals of biogeography | 3 |
| Restoration of water bodies | 3 |
| Integrated water resources management | 3 |
| Hydraulics of water management structures | 3 |
| Open flow hydraulics | 3 |
| River flow control | 3 |
| Introduction into MathCAD | 3 |
| Hydrology | 2 |
| The geographical framework of nature use | 2 |
| Fundamentals of Hydrobiology | 2 |
| Sanitary protection of the territories | 2 |
| Metrology, standardization and certification | 3 |
| Introduction into physical and chemical processes in the environment | 3 |
| Environmental protection processes and devices | 6 |
| Engineering support of environmental projects | 6 |
| Fundamentals of medical and biological safety | 4 |
| Resource-saving and ecological safety of human | 4 |
| Practical training | 27 |
| Final evaluation | 3 |
| Additional courses | 3 |