

| Name | Forms of interim assessment | | | | | Credits | Total academic hours | | | | Year 1 | | Year 2 | | Assigned department | |
|---|-----------------------------|-----------------|------------------------------|--------------|-------------|---------|----------------------|-------------|---------------------|------------|---------|-------------|-------------|-------------|---------------------|--|
| | Examination | Pass/ fail exam | Pass/ fail exam with a grade | Term project | Course work | | Fact | As sheduled | Work with a teacher | Self study | Control | Semest er 1 | Semest er 2 | Semest er 3 | | |
| | | | | | | | | | | | | Credits | Credits | Credits | Credits | Code |
| Unit 1.Disciplines (modules) | | | | | | 93 | 3348 | 1688.7 | 1311.8 | 347.5 | 22 | 29 | 30 | 12 | | |
| Core part | | | | | | 28 | 1008 | 504.3 | 364.7 | 139 | 16 | 7 | | 5 | | |
| Management of natural and man-made systems | 1 | | | | 1 | 7 | 252 | 145.25 | 72 | 34.75 | 7 | | | | 42 | Department of Technosphere safety and environmental management |
| Computer modeling in professional activities | 1 | | | | | 6 | 216 | 107.25 | 74 | 34.75 | 6 | | | | 42 | Department of Technosphere safety and environmental management |
| Organization of scientific research | 2 | 1 | | | 2 | 7 | 252 | 127.4 | 89.85 | 34.75 | 3 | 4 | | | 42 | Department of Technosphere safety and environmental management |
| Digital technologies in the management of water supply and sanitation systems | 4 | | | | | 5 | 180 | 89.25 | 56 | 34.75 | | | | 5 | 42 | Department of Technosphere safety and environmental management |
| Elective modules of professional development | | 2 | | | | 3 | 108 | 35.15 | 72.85 | | | 3 | | | | |
| HR management | | 2 | | | | 3 | 108 | 35.15 | 72.85 | | | 3 | | | 52 | Department of Management |
| Professional foreign language | | 2 | | | | 3 | 108 | 35.15 | 72.85 | | | 3 | | | 45 | Department of Foreign languages |
| Part formed by the educational process participants | | | | | | 65 | 2340 | 1184.4 | 947.1 | 208.5 | 6 | 22 | 30 | 7 | | |
| Research workshop | | | 234 | | | 21 | 756 | 432.45 | 323.55 | | | 7 | 7 | 7 | 42 | Department of Technosphere safety and environmental management |
| Land reclamation technologies | 1 | | | | | 6 | 216 | 89.25 | 92 | 34.75 | 6 | | | | 42 | Department of Technosphere safety and environmental management |
| Methods and techniques of research in the field of reclamation | 2 | | | | | 5 | 180 | 89.25 | 56 | 34.75 | | 5 | | | 42 | Department of Technosphere safety and environmental management |
| Automation of water supply and sanitation systems | | | 2 | | | 4 | 144 | 70.15 | 73.85 | | | 4 | | | 42 | Department of Technosphere safety and environmental management |
| Design of water supply and sanitation systems | 23 | | | | | 12 | 432 | 214.5 | 148 | 69.5 | | 6 | 6 | | 42 | Department of Technosphere safety and environmental management |
| Technologies for water treatment, wastewater treatment and sludge processing | 3 | | | 3 | | 6 | 216 | 111.25 | 70 | 34.75 | | | 6 | | 42 | Department of Technosphere safety and environmental management |
| Water supply and sanitation of industrial enterprises | 3 | | | | | 5 | 180 | 71.25 | 74 | 34.75 | | | 5 | | 42 | Department of Technosphere safety and environmental management |
| Resource and energy saving in water supply and sanitation systems | | | 3 | | | 3 | 108 | 53.15 | 54.85 | | | | 3 | | 42 | Department of Technosphere safety and environmental management |
| Development and execution of design documentation in construction | | 3 | | | | 3 | 108 | 53.15 | 54.85 | | | | 3 | | 42 | Department of Technosphere safety and environmental management |
| Unit 2.Practical training | | | | | | 21 | 756 | 756 | | | 6 | 6 | | 9 | | |
| Core part | | | | | | 21 | 756 | 756 | | | 6 | 6 | | 9 | | |
| Academic practice | | | | 1 | | 6 | 216 | 216 | | | 6 | | | | | |
| Scientific research work | | | | 1 | | 6 | 216 | 216 | | | 6 | | | | 42 | Department of Technosphere safety and environmental management |

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| | | | | | | | | | | | Semester 1 | Semester 2 | Semester 3 | Semester 4 | | |
| | Examination | Pass/fail exam | Pass/fail exam with a grade | Term project | Course work | Fact | As scheduled | Work with a teacher | Self study | Control | Credits | Credits | Credits | Credits | Code | Name |
| Production practice | | | 24 | | | 15 | 540 | 540 | | | | 6 | | 9 | | |
| Technological practice | | | 2 | | | 6 | 216 | 216 | | | | 6 | | | 42 | Department of Technosphere safety and environmental management |
| Pregraduation practice | | | 4 | | | 9 | 324 | 324 | | | | | | 9 | 42 | Department of Technosphere safety and environmental management |
| Unit 3. State final examination | | | | | | 6 | 216 | | | 216 | | | | 6 | | |
| Preparation for the defense procedure and defense of the final qualification work | | | | | | 6 | 216 | | | 216 | | | | 6 | 42 | Department of Technosphere safety and environmental management |
| Elective courses | | | | | | 4 | 144 | 70.3 | 73.7 | | | 4 | | | | |
| Experimental methods in wastewater treatment | | 2 | | | | 2 | 72 | 35.15 | 36.85 | | | 2 | | | 42 | Department of Technosphere safety and environmental management |
| Preparation of grant applications for competitions and programs | | 2 | | | | 2 | 72 | 35.15 | 36.85 | | | 2 | | | 42 | Department of Technosphere safety and environmental management |