

Name	Форма контроля								Credits	Total academic hours					Year 1		Year 2		Year 3		Assigned department	
	Examination	Pass/fail test	Pass/fail exam with a grade	Term project	Course work	Module test	Calculation and graphic work	Fact		As scheduled	Work with a teacher	Class-room	Self-study	Control	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Code	Name
															Credits	Credits	Credits	Credits	Credits	Credits		
Unit 1. Disciplines (modules)									80	2880	334	266	2385.5	110.8	17	21	19	23				
Core part									23	828	134	102	643	40.45	9	2	12					
Philosophy and methodology of scientific research	1					1			3	108	14	8	84.5	6.75	3					72	Department of Philosophy and Culturology	
Professional foreign language		1				1			2	72	10	8	57.5	3.85	2					45	Department of Foreign languages	
Information technologies of professional activities		1				1			2	72	22	20	45.5	3.85	2					42	Department of Technosphere safety and environmental management	
Economy of water management		3				3			3	108	18	14	85.5	3.85			3			42	Department of Technosphere safety and environmental management	
Organizational and managerial decisions		1				1			2	72	18	14	49.5	3.85	2					52	Department of Management	
HR management		3				3			2	72	10	6	57.5	3.85			2			52	Department of Management	
Environmental quality management	3						3		4	144	18	14	116	6.75			4			42	Department of Technosphere safety and environmental management	
Business and scientific communications in a foreign language		2				2			2	72	10	8	57.5	3.85		2				45	Department of Foreign languages	
Basics of teaching professional disciplines		3				3			3	108	14	10	89.5	3.85			3			42	Department of Technosphere safety and environmental management	
Part formed by the educational process participants									57	2052	200	164	1742.5	70.35	8	19	7	23				
Engineering hydrology		1				1			3	108	14	12	89.5	3.85	3					42	Department of Technosphere safety and environmental management	
Management of natural and technogenic complexes	1						1		5	180	28	26	142	6.75	5					42	Department of Technosphere safety and environmental management	
Methods for studying meliorative and water management systems	2				2				4	144	14	10	118	6.75		4				42	Department of Technosphere safety and environmental management	
Workshop on information technology in water supply		2				2			3	108	10	8	93.5	3.85		3				42	Department of Technosphere safety and environmental management	
Mathematical modeling of processes in nature components		2				2			3	108	8	6	95.5	3.85		3				42	Department of Technosphere safety and environmental management	
Automation of water supply and sanitation systems	2				2				6	216	16	12	188	6.75		6				42	Department of Technosphere safety and environmental management	
Modern technologies for water treatment and wastewater treatment	3			3					7	252	18	14	221	6.75			7			42	Department of Technosphere safety and environmental management	
Methodology of engineering and environmental surveys		4				4			3	108	14	12	89.5	3.85			3			42	Department of Technosphere safety and environmental management	
Design of water supply and sanitation systems	4			4					6	216	18	14	185	6.75			6			42	Department of Technosphere safety and environmental management	
Elective courses	4	2				2			3	108	8	6	95.5	3.85		3						
Energy efficiency of water management systems		2				2			3	108	8	6	95.5	3.85		3				42	Department of Technosphere safety and environmental management	
Problems of water supply and sanitation of the region		2				2			3	108	8	6	95.5	3.85		3				42	Department of Technosphere safety and environmental management	
Elective courses	4			4					6	216	22	20	181	6.75			6					
Agricultural water supply systems	4			4					6	216	22	20	181	6.75			6			42	Department of Technosphere safety and environmental management	
Industrial water supply systems	4			4					6	216	22	20	181	6.75			6			42	Department of Technosphere safety and environmental management	
Elective courses	4					4			5	180	16	12	154.5	6.75			5					
Engineering protection of territories	4					4			5	180	16	12	154.5	6.75			5			42	Department of Technosphere safety and environmental management	
Investment projects in water management	4					4			5	180	16	12	154.5	6.75			5			42	Department of Technosphere safety and environmental management	
Elective courses		4				4			3	108	14	12	89.5	3.85			3					
Ecological expertise of water bodies		4				4			3	108	14	12	89.5	3.85			3			42	Department of Technosphere safety and environmental management	
Intra-house engineering systems		4				4			3	108	14	12	89.5	3.85			3			42	Department of Technosphere safety and environmental management	
Unit 2. Practical training									34	1224					3	9	3	6	13			
Core part									34	1224					3	9	3	6	13			
Academic training			1						3	108					3							
Scientific research work			1						3	108					3					42	Department of Technosphere safety and environmental management	
On-the-job training			23345						31	1116						9	3	6	13			
Scientific research work			23						6	216						3	3			42	Department of Technosphere safety and environmental management	
Teaching practice			5						4	144								4		42	Department of Technosphere safety and environmental management	
Technological practice			24						12	432						6		6		42	Department of Technosphere safety and environmental management	
Pre-graduation practice			5						9	324								9		42	Department of Technosphere safety and environmental management	
Unit 3. State final examination									6	216									6			
Execution and defense of the final qualification work									6	216									6	42	Department of Technosphere safety and environmental management	
Elective courses									4	144	60	60	83.7			4						
Spoken foreign language (English)		2							2	72	30	30	41.85			2				45	Department of Foreign languages	
Spoken foreign language (German)		2							2	72	30	30	41.85			2				45	Department of Foreign languages	