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	Module test	Calculation and graphic work	Fact	As sheduled	Work with a teacher	Self study	Control	Semester 1 Credits	Semester 2 Credits	Semester 3 Credits	Semester 4 Credits	Code	Name
Unit 1.Disciplines (modules)								80	2880	1445.85	1121.4	312.75	23	24	22	11		
Core part								23	828	446.15	312.35	69.5	15	5	3			
Philosophy and methodology of scientific research	1					1		3	108	41.55	31.7	34.75	3				72	Department of Philosophy and cultural studies
Professional foreign language		1						2	72	40.15	31.85		2				45	Department of Foreign languages
Information technologies of professional activity		1						2	72	50.15	21.85		2				42	Department of Technosphere safety and environmental management
Economics of water use		2				2		3	108	65.45	42.55				3		42	Department of Technosphere safety and environmental management
Organizational and management decisions		1						2	72	40.15	31.85		2				52	Department of Management
Human resource management		1						2	72	40.15	31.85		2				52	Department of Management
Environmental quality management	1						1	4	144	62.25	47	34.75	4				42	Department of Technosphere safety and environmental management
Business and scientific communications in a foreign language		2						2	72	45.15	26.85			2			45	Department of Foreign languages
Fundamentals of teaching professional disciplines		3						3	108	61.15	46.85				3		42	Department of Technosphere safety and environmental management
Part formed by the educational process participants								57	2052	999.7	809.05	243.25	8	19	19	11		
Engineerign hydrology		1						3	108	60.15	47.85		3				42	Department of Technosphere safety and environmental management
Management of natural-technogenic complexes	1						1	5	180	84.25	61	34.75	5				42	Department of Technosphere safety and environmental management
Methods for studying reclamation and water management systems	2				2			4	144	74.25	35	34.75		4			42	Department of Technosphere safety and environmental management
Workshop on information technology in water supply		2						3	108	56.15	51.85			3			42	Department of Technosphere safety and environmental management
Mathematical modeling of processes in natural components		2				2		3	108	66.45	41.55			3			42	Department of Technosphere safety and environmental management
Automation of water supply and wastewater systems	2				2			6	216	80.25	101	34.75		6			42	Department of Technosphere safety and environmental management
Modern technologies for water treatment and wastewater treatment	3			3				7	252	97.25	120	34.75			7		42	Department of Technosphere safety and environmental management
Methodology of engineering and environmental surveys		3				3		3	108	56.45	51.55				3		42	Department of Technosphere safety and environmental management
Design of water supply and wastewater systems	4	3		4				6	216	127.4	53.85	34.75			3	3	42	Department of Technosphere safety and environmental management
Elective disciplines 1		2						3	108	66.15	41.85			3				
Energy efficiency of water management systems		2						3	108	66.15	41.85			3			42	Department of Technosphere safety and environmental management
Problems of water supply and sanitation in the region		2						3	108	66.15	41.85			3			42	Department of Technosphere safety and environmental management
Elective disciplines 2	3			3				6	216	101.25	80	34.75			6			
Agricultural water systems	3			3				6	216	101.25	80	34.75			6		42	Department of Technosphere safety and environmental management

Discipline																		Department
Industrial water supply systems	3			3				6	216	101.25	80	34.75			6		42	Department of Technosphere safety and environmental management
Elective disciplines 3	**4**					**4**		**5**	**180**	**67.55**	**77.7**	**34.75**				5		
Engineering protection of territories	4					4		5	180	67.55	77.7	34.75				5	42	Department of Technosphere safety and environmental management
Investment projects in water management	4					4		5	180	67.55	77.7	34.75				5	42	Department of Technosphere safety and environmental management
Elective disciplines 4		**4**						**3**	**108**	**62.15**	**45.85**					3		
Environmental assessment of water bodies		4						3	108	62.15	45.85					3	42	Department of Technosphere safety and environmental management
In-house engineering systems		4						3	108	62.15	45.85					3	42	Department of Technosphere safety and environmental management
Unit 2. Practical training								34	1224	1224			3	12	4	15		
Core part								34	1224	1224			3	12	4	15		
Academic practice			**1**					**3**	**108**	**108**			3					
Scientific research work			1					3	108	108			3				42	Department of Technosphere safety and environmental management
Pre-graduation practice			**22344**					**31**	**1116**	**1116**				12	4	15		
Scientific research work			2					6	216	216				6			42	Department of Technosphere safety and environmental management
Pedagogical practice			3					4	144	144					4		42	Department of Technosphere safety and environmental management
Technological practice			24					12	432	432				6		6	42	Department of Technosphere safety and environmental management
Pre-graduation 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	64.3	79.7			4				
Spoken foreign language (English)		2						2	72	32.15	39.85			2			45	Department of Foreign languages
Spoken foreign language (German)		2						2	72	32.15	39.85			2			45	Department of Foreign languages