Head of the Department of curricula development and strategic planning
Viktoria Melnikova

Name	Examination	Pass/fail test	Pass/fail exam with a grade	Term paper	Course work	Module test	Credits Fact	As sheduled	Work with a teacher	Class-room	Self-study	Control	Year 1 Sem 1 Credits	Year 1 Sem 2 Credits	Year 2 Sem 3 Credits	Year 2 Sem 4 Credits	Year 3 Sem 5 Credits	Year 3 Sem 6 Credits	Code	Name
Unit 1. Disciplines (modules)							80	2880	314	236	2396.5	120.45	23	22	20	15				
Core part							25	900	120	88	729.5	40.45	14	8	3					
Philosophy and methodology of scientific research	1					1	4	144	14	8	120.5	6.75	4						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	3	108	16	14	87.5	3.85	3						13	Department of Applied mathematics and information technologies
Economics of technosphere safety			1			1	3	108	18	14	85.5	3.85	3						51	Department of Economics and finances
Organizational and managerial decisions		1				1	2	72	18	14	49.5	3.85	2						52	Department of Management
HR management		2				2	3	108	10	6	93.5	3.85		3					52	Department of Management
Intellectual property right	2					2	3	108	10	6	88.5	6.75		3					73	Department of Social sciences, pedagogy and law
Business and scientific communications in a foreign language		2				2	2	72	10	8	57.5	3.85		2					45	Department of Foreign languages
Planning and organization of scientific research work in the industry			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							55	1980	194	148	1667	80	9	14	17	15				
Risk management, system analysis and modelling	1					1	4	144	14	10	120.5	6.75	4						42	Department of Technosphere safety and environmental management
Statistical methods for studying phenomena and processes in the technosphere	2					2	5	180	20	18	150.5	6.75		5					42	Department of Technosphere safety and environmental management
Safety evaluation	1				1		5	180	14	10	154	6.75	5						42	Department of Technosphere safety and environmental management
Workshop on information technologies		2				2	2	72	10	8	57.5	3.85		2					13	Department of Applied mathematics and information technologies
Safety monitoring		2				2	3	108	12	8	91.5	3.85		3					42	Department of Technosphere safety and environmental management
Calculation and design of security systems	4				4		5	180	14	10	154	6.75				5			42	Department of Technosphere safety and environmental management
Declaration and certification of hazardous production facilities	4					4	4	144	12	8	122.5	6.75				4			42	Department of Technosphere safety and environmental management
Methods and means of control		3				3	3	108	14	10	89.5	3.85			3				42	Department of Technosphere safety and environmental management
Civil protection management and organization	3				3		5	180	16	12	152	6.75			5				42	Department of Technosphere safety and environmental management
Labour safety psychology		4				4	3	108	10	8	93.5	3.85				3			42	Department of Technosphere safety and environmental management
Elective courses	**2**					**2**	**4**	**144**	**12**	**8**	**122.5**	**6.75**		4						
Safety audit of industrial facilities	2					2	4	144	12	8	122.5	6.75		4					42	Department of Technosphere safety and environmental management
Environmental safety management at the enterprise	2					2	4	144	12	8	122.5	6.75		4					42	Department of Technosphere safety and environmental management
Elective courses	**3**				**3**		**5**	**180**	**22**	**20**	**145**	**6.75**			5					
Life support of the affected population in emergencies	3				3		5	180	22	20	145	6.75			5				42	Department of Technosphere safety and environmental management
Organization of engineering protection of the population and territories	3				3		5	180	22	20	145	6.75			5				42	Department of Technosphere safety and environmental management
Elective courses	**3**					**3**	**4**	**144**	**14**	**10**	**120.5**	**6.75**			4					
Labour protection management	3					3	4	144	14	10	120.5	6.75			4				42	Department of Technosphere safety and environmental management
Medical and biological protection in emergency situations	3					3	4	144	14	10	120.5	6.75			4				42	Department of Technosphere safety and environmental management
Elective courses		**4**				**4**	**3**	**108**	**10**	**8**	**93.5**	**3.85**				3				
Management of the natural and technical system of a city		4				4	3	108	10	8	93.5	3.85				3			42	Department of Technosphere safety and environmental management
Waste and the environment		4				4	3	108	10	8	93.5	3.85				3			42	Department of Technosphere safety and environmental management
Unit 2. Practical training							34	1224						3	3	13	15			
Core part							34	1224						3	3	13	15			
Academic training			**2**				**3**	**108**						3						
Scientific research work			2				3	108						3					42	Department of Technosphere safety and environmental management
On-the-job training			**34455**				**31**	**1116**							3	13	15			
Scientific research work			345				8	288							3	3	2		42	Department of Technosphere safety and environmental management
Technological practice			4				10	360								10			42	Department of Technosphere safety and environmental management
Pregraduation practice			5				13	468									13		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 cources							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