<u>г</u>													Year 1 Year 2 Year 3					ar 3	Year 4				
				of assess	sment			Credits		То	tal academ	ic hours		Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8		Assigned department
Name	Examina	Pass/	Pass/ fail exam	Term	Course	Module	Calculat ion and	Fact	As sheduled	Work with a	Class-	Self-study	Control	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Code	Name
	tion	fail test	with a	project	work	test	graphic work	Fact	AS STEUDIEU	teacher	room	Sell-Study	Control	Credits	credits	Credits	creats	Credits	Credits	Credits	creats	Code	Name
Unit 1.Disciplines (modules)			UIBUE					216	7776	3507.1	2904	3078.65	1190.25	29	28	26	31	29	25	27	21		
Core part								116	4176	1926.1	1630	1619.9	630	22	26	24	17	17	6	4			
Socio-humanitarian module	13	11234 56	224					28	1008	488	416	434.5	85.5	8	6	6	4	2	2				
History (history of Russia, general history)	1							4	144 144	48.25	30	53	42.75	4		4					'	71	Department of History
Philosophy Law	3	5						4	72	48.25 32.15	30 30	53 39.85	42.75			4		2				72 73	Department of Philosophy and Culturology Department of Social sciences, pedagogy
Basics project activities		6						2	72	32.15	30	39.85						-	2			51	and law Department of Economics and finances
Time-management		4						2	72	32.15	30	39.85					2				———		Department of Management
Culturology Conflict studies		1	2					2	72	32.15 46.15	30 30	39.85 25.85		2	2						'	72 72	Department of Philosophy and Culturology Department of Philosophy and Culturology
Foreign language		13	24					8	288	40.15	176	103.4		2	2	2	2						Department of Foreign languages
Basics of business communication		2						2	72	32.15	30	39.85			2								Department of Russian language
Module "Physical education and sport" Basics of PE		16 1						2 1	72 36	32.3 16.15	32 16	39.7 19.85		1					1			56	Department of Physical education
Physical self-perfection	40000	6 113				11222		1 29	36	16.15 503.5	16	19.85 344.75	105 35	9		6			1			56	Department of Physical education
Mathematical and natural scientific module Higher mathematics	12223 123	113				3 1223		29 14	1044 504	252.1	434 210	132.65	195.75 119.25	9	14 5	3							
Algebra and geometry	1					1		4	144	62.55	44	38.7	42.75	4								13	Department of Applied mathematics and information technologies
Mathematical analysis	2	1				22		7	252	139	120	70.25	42.75	2	5							13	Department of Applied mathematics and information technologies
Probabiliy theory and mathematical statistics	3					3		3	108	50.55	46	23.7	33.75			3						13	Department of Applied mathematics and information technologies
Informatics	2					12		4	144	78.25	60	32	33.75		4						'	13	Department of Applied mathematics and information technologies
Physics Information technologies in professional activities	2	3		-		12		8	288 108	127 46.15	120 44	118.25 61.85	42.75	3	5	3						25 13	Department of Physics Department of Applied mathematics and information technologies
Module "Safe living environment"	7							4	144	62.25	44	48	33.75							4			information technologies
Life safety	7		_				17	4	144	62.25	44	48	33.75			_		_		4	'	42	Department of Technosphere safety and environmental management
Engineering and technical module Engineering and computer graphics	233 2	112 1	56				123 12	23 6	828 216	332.5 82.4	256 60	385.25 90.85	110.25 42.75	4	6	7		3	3			32	Department of Production equipment
Electrotechnical and construction materials	3	1					3	5	180	67.4	60	78.85	33.75	2		3							engineering
Material science		1						2	72	32.15	30	39.85		2								32	Department of Production equipment engineering
Electrotechnical materials Technical mechanics	3	2	-	-			3	3	108 216	35.25 78.4	30 60	39 103.85	33.75 33.75		2	3						22 24	Department of Power engineering Department of Theory of machines and
Iechnical mechanics Information and measuring technology		-	5	-				6	216 108	/8.4 44.15	60 30	103.85 63.85	33.75		2	*		3				11	mechanisms and machine parts Department of Production processes
Metrology, standardization and certification			6					3	108	60.15	46	47.85						-	3			11	automation Department of Production processes automation
General professional module	44555	4	3	5	45			30	1080	507.55	448	367.7	204.75			5	13	12					automation
Theoretical foundations of electrical engineering	4 45		3		4			12 7	432	201.4	180	187.85	42.75 76.5			5	7	4				22	Department of Power engineering
Industrial electronics Part 1. Basics of electronics	45				5			3	252 108	115.5 48.25	104 44	60 26	76.5 33.75				3	4				11	Department of Production processes
Part 2. Power electronics	5				5			4	144	67.25	60	34	42.75				-	4				22	automation Department of Power engineering
Electrical machines Electrical and electronic apparatus	5	4		5				8	288 108	144.4 46.25	134 30	100.85 19	42.75 42.75				3	5					Department of Power engineering Department of Power engineering
Part fomed by the educational process participa								100	3600	1581	1274	1458.75	560.25	7	2	2	14	12	19	23	21		
Socio-humanitarian module (B) Economy and management in an enterprise	6 6	5						5	180 180	92.4 92.4	60 60	53.85 53.85	33.75 33.75					2	3			52	Department of Management
Mathematics and natural scientific module (B)	14	34				1		13	468	193.1	166	189.4	85.5	4		2	7						
Mathematical modelling		4						3	108	48.15	46	59.85					3					13	Department of Applied mathematics and information technologies
Scientific research methods Chemistry	4					1		4	144 144	48.25 64.55	30 60	53 36.7	42.75 42.75	4			4						Department of Power engineering Department of Chemistry
Mathematical tasks of electrical power engineering		3						2	72	32.15	30	39.85				2							Department of Power engineering
Module "Safe living environment" Ecology and environmental management		4						2	72 72	46.15 46.15	30 30	25.85 25.85					2					44	Department of Water bioresoures and
Professional module	145666 777	67	557	6677	4		67	54	1944	848	678	765.25	330.75	3			5	10	16	20			aquaculture
Introduction to profession	1							3	108	46.25	30	28	33.75	3									Department of Power engineering
General power engineering Renewable energy sources	4		5		4			5	180 108	67.25 62.15	60 60	70 45.85	42.75				5	3					Department of Power engineering Department of Power engineering
Power stations and substations	6		5	6				8	288	128.4	104	125.85	33.75					3	5			22	Department of Power engineering
Electric drive Electric power systems and networks	6 56			6			6	4	144 324	63.25 128.5	44 92	47 119	33.75 76.5					4	4				Department of Power engineering Department of Power engineering
Power supply	7	6		7				6	216	82.4	60	99.85	33.75						2	4			Department of Power engineering
Electromagnetic compatibility in the power engineering		7	<u> </u>					2	72	32.15	30	39.85								2	'		Department of Power engineering
Relay protection and automation of electric power systems Transient processes in electric power systems	7	<u> </u>	7	7	<u> </u>	<u> </u>		3	108 216	60.15 96.25	46 76	47.85 86	33.75							3			Department of Power engineering Department of Power engineering
High voltage technology	7	_					7	5	180	81.25	76	56	42.75		_					5			Department of Power engineering
Elective courses Development of Russian power engineering		2 2	<u> </u>	-				2 2	72 72	32.15 32.15	22 22	39.85 39.85			2							71	Department of History
Development of regional power engineering Elective modules	888	2 78						2	72	32.15	22	39.85 384.55	110.25		2					3	24		Department of History
Elective module 1 "Electrical power plants"	888 888	78 78	8 8	8 8				24 24	864 864	369.2 369.2		384.55 384.55	110.25 110.25							3	21 21		
Design of electrical installations of power plants and substations	8	7		8				9	324	118.4	100	162.85	42.75							3	6	22	Department of Power engineering
Operating modes of electrical equipment of power plants and substations			8					3	108	68.15	66	39.85	22.75								3		Department of Power engineering
Automated control systems for power plants Energy saving in the electric power engineering	8	8		L	L	L	L	5	180 108	78.25 46.15	64 44	68 61.85	33.75								5		Department of Power engineering Department of Power engineering
Fundamentals of operation of electrical equipment of power plants and substations	8							4	144	58.25	44	52	33.75								4	22	Department of Power engineering
Elective module 2 "Electrical supply" Design of substations of power supply systems	888 8	78 7	8	8 8	<u> </u>	<u> </u>		24 9	864 324	369.2 118.4		384.55 162.85	110.25 42.75							3	21 6	22	Department of Power engineering
Energy supply			8					3	108	68.15	66	39.85									3	22	Department of Power engineering
Automated power supply management systems	8	8	<u> </u>		<u> </u>	<u> </u>		5	180	78.25	64	68	33.75								5	12	Department of Control systems and computer engineering
Energy-saving power supply technologies Fundamentals of operation of power supply systems	8	8			E	L		3	108 144	46.15 58.25	44 44	61.85 52	33.75								4		Department of Power engineering Department of Power engineering
Unit 2.Practical training Core part								18 18	648 648	648 648					3		3		6		6		
Academic training			2					3	108	108					3		,				0		
Introductory practice On-the-job training			2 468					3 15	108 540	108 540					3	<u> </u>	3		6		6	22	Department of Power engineering
Scientific research work			4					3	108	108							3						Department of Power engineering
Operational practice Pregraduation practice		<u> </u>	6	-	<u> </u>	<u> </u>		6	216 216	216 216									6		6		Department of Power engineering Department of Power engineering
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	22	Department of Power engineering
Elective courses	_	_	_	_	_	-	_	10	360	156.75	156	203.25				2		2	2	2	2		
Research workshop		5	-	-	<u> </u>	<u> </u>		2	72	30.15 16.15	30 16	41.85 55.85				2		2					
Information and bibliographic culture			-	1	1		l	2	72	30.15		41.85		· · · · · ·		1	1		2				
Information and bibliographic culture New technologies in electrical power engineering Destinate instant and an and a statement of this arises.		6	-																2				
	tion and	7	8					4	144 330	80.3 330		63.7							2	2	2		
New technologies in electrical power engineering Practice-oriented course "Internet of things"	tion an	7	8						144	80.3	80									2	2	54	Department of Physical education