

Name	Form of assessment					Credits	Total academic hours					Year 1		Year 2		Assigned department		
	Examination	Pass/fail test	Pass/fail exam with a grade	Term project	Course work		Fact	As scheduled	Work with a teacher	Classroom	Self-study	Control	Semester 1	Semester 2	Semester 3	Semester 4	Code	Name
													Credits	Credits	Credits	Credits		
Unit 1. Disciplines (modules)						69	2484	1090.95	830	1123.05	270	21	20	23	5			
Обязательная часть						22	792	366.3	268	391.95	33.75	9	7	6				
Professional English			12			6	216	120.3	88	95.7		3	3		45	Department of Foreign languages		
Decision theory			3			3	108	44.15	30	63.85				3	52	Department of Management		
Project management			22			4	144	64.3	60	79.7			4					
Development and realization of projects			2			2	72	32.15	30	39.85			2	51	Department of Economics and finances			
Rules and regulations in electrical engineering			2			2	72	32.15	30	39.85			2	22	Department of Power engineering			
Theory and practice of engineering research	1		1		1	6	216	93.4	60	88.85	33.75	6						
Fundamentals of smart technologies in electric power industry			1			2	72	44.15	30	27.85		2		22	Department of Power engineering			
Organization and methodology of scientific research						2	72	44	30	28		2		22	Department of Power engineering			
Course work "Theory and practice of engineering research"					1	1	36	3		33		1		22	Department of Power engineering			
Examination "Theory and practice of engineering research"	1					1	36	2.25			33.75	1		22	Department of Power engineering			
Organizational behavior			3			3	108	44.15	30	63.85			3	52	Department of Management			
Part formed by the educational process participants						47	1692	724.65	562	731.1	236.25	12	13	17	5			
Selected principles of electrical power engineering			1			3	108	44.15	30	63.85		3			22	Department of Power engineering		
Safety in electrical engineering	1					5	180	82.25	76	64	33.75	5						
Safety basics in electrical engineering						2	72	32	30	40		2		22	Department of Power engineering			
Protection of power devices						2	72	48	46	24		2		22	Department of Power engineering			
Examination "Safety in electrical engineering"	1					1	36	2.25			33.75	1		22	Department of Power engineering			
Electric power systems	2	1		2		8	288	114.4	90	139.85	33.75	2	6					
Power engineering theory		1				2	72	32.15	30	39.85		2		22	Department of Power engineering			
Electric power systems consumption management						2	72	32	30	40			2	22	Department of Power engineering			
Transient effects in electrical systems						2	72	44	30	28			2	22	Department of Power engineering			
Term project "Electric power systems"				2		1	36	4		32			1	22	Department of Power engineering			
Examination "Electric power systems"	2					1	36	2.25			33.75		1	22	Department of Power engineering			
Electrical apparatus	2	1		2		7	252	98.4	76	119.85	33.75	2	5					
Electrical apparatus		1				2	72	32.15	30	39.85		2		22	Department of Power engineering			
Electrical apparatus design						3	108	60	46	48			3	22	Department of Power engineering			
Term project "Electrical apparatus"				2		1	36	4		32			1	22	Department of Power engineering			
Examination "Electrical apparatus"	2					1	36	2.25			33.75		1	22	Department of Power engineering			
Distribution networks	3	2		3		6	216	82.25	60	100	33.75		2	4				
Electrical power engineering of industrial and distribution networks		2				2	72	44	30	28			2	22	Department of Power engineering			
Design of electrical distribution networks						2	72	32	30	40			2	22	Department of Power engineering			
Term project "Distribution networks"				3		1	36	4		32			1	22	Department of Power engineering			
Examination "Distribution networks"	3					1	36	2.25			33.75		1	22	Department of Power engineering			
Electrical machines	3			3		6	216	98.4	76	83.85	33.75		6					
Electrical machines						2	72	32.15	30	39.85			2	22	Department of Power engineering			
Electrical drives design						2	72	60	46	12			2	22	Department of Power engineering			
Term project "Electrical machines"				3		1	36	4		32			1	22	Department of Power engineering			
Examination "Electrical Machines"	3					1	36	2.25			33.75		1	22	Department of Power engineering			
Electrical equipment design and manufacturing technology	3					5	180	90.25	60	56	33.75		5					
Production technology of equipments for electrical power engineering						2	72	44	30	28			2	22	Department of Power engineering			
FEM used in electrical machines and apparatus design						2	72	44	30	28			2	22	Department of Power engineering			
Examination "Electrical equipment design and manufacturing technology "	3					1	36	2.25			33.75		1	22	Department of Power engineering			
Electroheat engineering		4				2	72	40.15	32	31.85				2	22	Department of Power engineering		
Elective courses (modules)	4					3	108	42.25	32	32	33.75			3				
Reliability management in electric power engineering	4					3	108	42.25	32	32	33.75			3	22	Department of Power engineering		
Diagnostic methods in electrical power engineering	4					3	108	42.25	32	32	33.75			3	22	Department of Power engineering		
Elective courses (modules)			3			2	72	32.15	30	39.85			2					
Power station devices			3			2	72	32.15	30	39.85			2	22	Department of Power engineering			
Distributed generation technologies			3			2	72	32.15	30	39.85			2	22	Department of Power engineering			
Unit 2. Practical training						45	1620	1620				3	16	4	22			
Part formed by the educational process participants						45	1620	1620				3	16	4	22			
Introductory practice			1			3	108	108				3			22	Department of Power engineering		
Project practice			2			12	432	432					12		22	Department of Power engineering		
Scientific-research work		23	4			12	432	432				4	4	4	22	Department of Power engineering		
Pregraduation practice			4			18	648	648						18	22	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						6	216	134.45	120	81.55		4	2					
Part formed by the educational process participants						6	216	134.45	120	81.55		4	2					
Spoken foreign language		3				2	72	60.15	60	11.85			2	45	Department of Foreign languages			
Electromagnetism		1				2	72	30.15	30	41.85		2		22	Department of Power engineering			
Functions of complex variable and integral transformations			1			2	72	44.15	30	27.85		2		13	Department of Applied mathematics and information technologies			