

### 3. PROGRAM STRUCTURE AND ACADEMIC CONTENT:

Module No.	Module	Module Scope, ECTS credits	Final Control Form of the Module	Course	Scope of the Course, ECTS credits	Control Form of the Course	Semester			
							1	2	3	4
<b>Фундаментальные модули (все дисциплины модуля обязательны к изучению)</b>										
1	Basics of Scientific and Research World View	6	Comprehensive Examination	Foreign Language (Professional)	3	Computer-Based Testing	3			
				History and Philosophy of Science	3	Written Control Work	3			
2	Psychological and Pedagogical Education	9	Comprehensive Examination	Psychology	3	Written Control Work	3			
				Pedagogics	3	Computer-Based Testing	3			
				Methods of teaching technical disciplines in higher education	3	Written Control Work		3		
3	Current Problems of Technical Sciences	8	Comprehensive Examination	Scientific and Technical Problems of Electrical Power Engineering	3	Computer-Based Testing	3			
				Current State of Electrical Power Engineering	5	Written Control Work		5		
4	Scientific Research1	7	Research Work Report	Scientific Research	7	Scientific Research Report Defense	7			
5	Scientific Research2	7	Research Work Report	Scientific Research	7	Scientific Research Report Defense		7		
6	Scientific Research3	7	Research Work Report	Scientific Research	7	Scientific Research Report Defense			7	
7	Teaching Practice	3	Practice Report	Teaching Practice	3	Internship Report Defense			3	
8	Scientific Research4	7	Research Work Report	Scientific Research	7	Scientific Research Report Defense				7
9	Research Scientific Training	8	Practice Report	Research Scientific Training	8	Internship Report Defense				8
10	Final Academic Assessment	15	State Exam	Comprehensive examination	4	Oral Examination				4
			Master's Thesis Defense	Defense of Master's Thesis	11	Master's Thesis Defense				11
<b>Элективные модули (содержат дисциплины по выбору)</b>										
11	Organizing of Scientific Research (Elective Module 1; EM1)	8	Comprehensive Examination	Elective course EM1	5	Written Control Work	5			
				Elective course EM1	3	Computer-Based Testing	3			
12	Support of the Experiment (Elective Module 2; EM2)	15	Comprehensive Examination	Elective course EM2	5	Written Control Work		5		

				Elective course EM2	5	Computer-Based Testing		5			
				Elective course EM2	5	Computer-Based Testing		5			
4	<b>Reliability of Electric Power Systems</b>	6	Экзамен	<b>Reliability of Electric Power Systems</b>	6	Письменный контроль			6		
13	<b>Optimization and Control in Electric Power Systems (Elective Module 3; EM3)</b>	20	Comprehensive Examination	Elective course EM3	5	Written Control Work			3		
				Elective course EM3	5	Computer-Based Testing			5		
				Elective course EM3	5	Written Control Work					
				Elective course EM3	5	Creative Examination			6		
		<b>Total ECTS per semsters</b>						30	30	30	30
		<b>Total Exams (Final Control Forms)</b>									
						Examinations	2	3	1	-	
						State Exam	-	-	-	1	
						Internship Report Defense	-	-	1	1	
						Scientific Research Report Defense	1	1	1	1	
						Master's Thesis Defense	-	-	-	1	