Name of subject	Scientific research and academic-pedagogical work, preparation of a					
Subject/module code	master's dissertation (ECTS 38) ITIMDT3123438					
Science taught semester						
(s).	$1^{st}/2^{nd}/3^{rd}/4^{th}$ semesters					
	Abdullaev Elnur Akhmatovich, Doctor of Philosophy (PhD) in					
	Technical Scien	,				
	Anarboev Muk		,		Philosophy	(PhD) in
D '11 / 1	Technical Scien				Db :1 b	(DI-D) :
Responsible teachers	Nazarov Furka Technical Scien			ctor of	Philosophy	(PhD) in
	Yuldashe Urish	*		and Mathe	ematics prof	eccor
	Parsoxonov A	•	•		-	
	Mathematical S			*		ysicai ana
Education language	Uzbek	01011005, 115	5001410 110			
Connection to the						
curriculum	Compulsory					
Training hours (this	Total hours-11	40				
including independent	Semesters	1	2	3	4	
education)	Total	100	00	270	600	
	workload	180	90	270	600	
ECTS	38					
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Exam form Teaching/learning and	The report will be submitted in the form of a presentation No more than 3 days are allotted for drawing up the final report						
examination requirements	during which masters put their individual plan in order, prepare wr reports, and prepare presentations. Each masters submits the follow				lan in order, prepare written		
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	4	70-89,9	Good	able to on the known practice, and narra	practice, understand, know, express and narrate the essence of the subject and has an idea about the subject.		
	3	60-69,9	Satisfactory	apply the practice, express, a subject,	When the student is found to be able to apply the knowledge he has gained in practice, understands, knows, can express, and narrate the essence of the subject, and has an idea about the subject.		
	2	0-59,9	Unsatisfactor	When it has not ry does not	is determined that the student mastered the science program, understand the essence of the and does not have an idea science.		
Criteria for evaluating students' scientific	S/n		e of events ad tasks	Allocated points	Report form		
research, pedagogical work, and the tasks completed during the preparation of their master's thesis	pedagogical work, tasks completed ne preparation of 1 The relevance and necessity of the scientific research		0-5	A report in the form of a presentation will be prepared on the relevance and necessity of the research topic.			
	2	Selectin Approv Master' Topic.	ring a	0-5	A report in the form of a presentation will be prepared on the selection and approval of the		

			master's thesis topic
3	The purpose and objectives of the master's dissertation.	0-5	A report in the form of a presentation will be prepared on the objectives and tasks of the master's thesis
4	The procedure and rules for structuring the dissertation contents.	0-5	A report in the form of a presentation will be prepared on the structure and formatting rules of the thesis content
5	The procedure and methods for conducting a literature review within the scope of the dissertation topic	0-10	A report in the form of a presentation will be prepared on the procedure and methods of analyzing literature related to the thesis topic
6	Conducting experiments within the scope of the dissertation work.	0-15	A report in the form of a presentation will be prepared on conducting experiments within the framework of the thesis wor
7	Conducting Experimental Research on the Scientific Topic, Summarizing and Analyzing the Results.	0-15	A report in the form of a presentation will be prepared on conducting experimental research on the scientific topic, summarizing and analyzing the results
8	Preparing and Publishing Scientific Theses and Articles Based on the Research Conducted and the Results Obtained for the Master's Dissertation.	0-10	A report in the form of a presentation will be prepared on preparing and publishing scientific theses and articles based on the conducted research for the master's thesis.
9	Applying the Research Conducted and Its Results from the Master's Dissertation to Practical Use.	0-10	A report in the form of a presentation will be prepared on the practical application of the research and its results conducted within the framework of the master's thesis
10	Studying Existing Problems in Practice within the Framework of the Master's Dissertation and Developing Recommendations for Their Scientific	0-10	A report in the form of a presentation will be prepared on studying existing practical problems within the thesis framework and developing scientific recommendations for their solution

11	Solutions. Participating in Various Conferences and Scientific Seminars and Delivering Presentations Based on the	0-10	A report in the form of a presentation will be prepared on participating in various conferences and scientific seminars and delivering presentations based on
	Based on the Conducted Research Work.		S
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* Note: 60% of the points allocated for current and intermediate control are allocated to independent work assignments. Independent work assignments are evaluated as system assignments through the electronic platform.

Recommended Literature

Main literature:

- 1. Raxmonov I.U., Niyozov N.N., I.B.Baxadirov., S.K.Maxmutxonov. Elektr ta'minoti tizimida energiya tejamkorligi. Darslik. Toshkent: 2020- 212 b.
- 2. Hoshimov O.O., Imomnazarov A.T. Elektr mexanik tizimlarda energiya tejamkorligi. Toshkent-2015. "Fan va texnologiya" nashriyoti.
- 3. Yusupbekov N.R., Muxitdinov D.P.. Texnologik jarayonlarni modellashtirish va optimallashtirish asoslari. -T.: «Fan va texnologiya», 2015, 440 bet.
- 4. Toshpoʻlatov N.T., Qodirov D.B. Qayta tiklanuvchi energiya manbalari fanidan oʻquv qoʻllanma Toshkent 2020 20-bet.
- 5. Karimov R.Ch., Rafiqova G.R., Usmanov E.G. «Elektr xavfsizligi asos-lari». Darslik. T.: ToshDTU, 2020, 283 b.

Additional literature:

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 <u>www.google.com</u> – international educational materials search site.
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