

Name	Forms of interim assessment			Credits	Total academic hours				Year 1		Year 2		Assigned department	
									Semester 1	Semester 2	Semester 3	Semester 4		
	Examination	Pass/fail exam	Pass/fail exam with a grade	Fact	As scheduled	Work with a teacher	Self study	Control	3.e.	3.e.	3.e.	3.e.	Code	Name
Unit 1. Disciplines (modules)				81	2916	1089.3	1618.2	208.5	26	22	26	7		
Core part				41	1476	673.9	663.1	139	23	12	6			
Quality management in mechanical engineering		1		3	108	53.15	54.85		3				32	Department of Technological equipment engineering
Intelligent numerical control systems			1	4	144	70.15	73.85		4				32	Department of Technological equipment engineering
Organization of scientific research and professional training in mechanical engineering			1	4	144	70.15	73.85		4				32	Department of Technological equipment engineering
New materials in mechanical engineering	1			6	216	71.25	110	34.75	6				32	Department of Technological equipment engineering
Automated design and production of parts based on advanced physical methods	1			6	216	89.25	92	34.75	6				32	Department of Technological equipment engineering
Design of products and means of technological equipment for operations	2			4	144	89.25	20	34.75		4			32	Department of Technological equipment engineering
Resource-saving and environmentally friendly technological processes		2		3	108	53.15	54.85			3			32	Department of Technological equipment engineering
Development of robotic lines and complexes of industry production	3	2		8	288	142.4	110.85	34.75		2	6		32	Department of Technological equipment engineering
Elective module of professional development				3	108	35.15	72.85			3				
Professional foreign language		2		3	108	35.15	72.85			3			45	Department of Foreign languages
Self-managemeng and effective leadership		2		3	108	35.15	72.85			3			15	Department of Digital transformation and business-analytics
HR management		2		3	108	35.15	72.85			3			52	Department of Management
Part formed by the educational process participants				40	1440	415.4	955.1	69.5	3	10	20	7		
Scientific and technical workshop			234	21	756	96.45	659.55			7	7	7	32	Department of Technological equipment engineering
Machine vision systems in technological lines and complexes		1		3	108	53.15	54.85		3				32	Department of Technological equipment engineering
Operation, engineering support and modernization of technological complexes	3	2		8	288	124.4	128.85	34.75		3	5		32	Department of Technological equipment engineering
System modeling of processes, machines, equipment and drives		3		3	108	70.15	37.85				3		32	Department of Technological equipment engineering
Advanced thermal processes and equipment in food engineering	3			5	180	71.25	74	34.75			5		32	Department of Technological equipment engineering
Unit 2.Practical training				30	1080	1080			3	12	3	12		
Core part				30	1080	1080			3	12	3	12		
Academic practice				3	108	108			3					
Scientific research work			1	3	108	108			3				32	Department of Technological equipment engineering
Production practice				27	972	972				12	3	12		

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Technological practice			2	12	432	432				12			32	Department of Technological equipment engineering
Scientific research work			3	3	108	108					3		32	Department of Technological equipment engineering
Pregraduation practice			4	12	432	432						12	32	Department of Technological equipment engineering
Unit 3.State final examination				9	324			324				9		
Preparation for the defense procedure and defense of the final qualification work				9	324			324				9	32	Department of Technological equipment engineering
Elective courses				4	144	70.3	73.7			4				
Spoken foreign language (English)		2		2	72	35.15	36.85			2			45	Department of Foreign languages
Spoken foreign language (German)		2		2	72	35.15	36.85			2			45	Department of Foreign languages