Name	Forms of interim assessment						Credits	Total academic hours				Year 1		Year 2		Assigned department	
	Examination	Pass/fail exam	Pass/fail exam with a grade	Term project	Course work	Calculation and graphic work	Fact	As sheduled	Work with a teacher	Self study	Control	Semester 1 Credits	Semester 2 Credits	Semester 3 Credits	Semester 4 Credits	Code	Name
Unit 1. Disciplines (modules)							90	3240	1271.3	1760.2	208.5	25	22	30	13		
Core part							29	1044	442.25	532.25	69.5	19	5	5			
Professional foreign language		1					2	72	18.15	53.85		2				45	Department of Foreign languages
Intelligent control systems	1						6	216	71.25	110	34.75	6				11	Department of Digital systems and automatics
Modern methods of engineering calculations		1					4	144	70.15	73.85		4				13	Department of Applied mathematics and Information technologies
Marketing research in the field of mechanical engineering		1					4	144	70.15	73.85		4				52	Department of Management
Cloud technologies		1					3	108	53.15	54.85		3				13	Department of Applied mathematics and Information technologies
Modern problems of automation and control			2				5	180	70.15	109.85			5			11	Department of Digital systems and automatics
Identification of automation objects	3						5	180	89.25	56	34.75			5		11	Department of Digital systems and automatics
Part formed by the educational process participants							61	2196	829.05	1227.95	139	6	17	25	13		
Scientific and technical workshop			234				21	756	96.45	659.55			7	7	7	11	Department of Digital systems and automatics
Integrated CAD (CAD/CAM/CAE)	1				1		6	216	92.25	89	34.75	6				11	Department of Digital systems and automatics
Digital manufacturing and information modeling	23						12	432	214.5	148	69.5		6	6		11	Department of Digital systems and automatics
Information security of automated systems			3				4	144	70.15	73.85				4		14	Department of Information security
Architecture and technologies of the industrial Internet of things			3				4	144	70.15	73.85				4		11	Department of Digital systems and automatics
Design and programming of embedded systems	4	3		4			10	360	215.4	109.85	34.75			4	6	11	Department of Digital systems and automatics
Elective courses		**2**					**4**	**144**	**70.15**	**73.85**			4				
Additive technologies		2					4	144	70.15	73.85			4			11	Department of Digital systems and automatics
Industrial design		2					4	144	70.15	73.85			4			11	Department of Digital systems and automatics
Unit 2.Practical training							21	756	756			3	9		9		
Core part							21	756	756			3	9		9		
Academic practice			**1**				**3**	**108**	**108**			3					
Scientific research work			1				3	108	108			3				11	Department of Digital systems and automatics
Production practice			**24**				**18**	**648**	**648**				9		9		
Scientific research work			2				9	324	324				9			11	Department of Digital systems and automatics
Pregraduation practice			4				9	324	324						9	11	Department of Digital systems and automatics
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	11	Department of Digital systems and automatics
Elective courses							4	144	68.3	75.7		4					
Adaptation course of higher mathematics		1					2	72	34.15	37.85		2				13	Department of Applied mathematics and Information technologies
Adaptation course of information technologies		1					2	72	34.15	37.85		2				13	Department of Applied mathematics and Information technologies