

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	Class-room	Self-study	Control	Semester 1	Semester 2	Semester 3	Semester 4	Code	Name
													Credits	Credits	Credits	Credits		
Unit 1. Disciplines (modules)						72	2592	1000.45	840	1287.8	303.75	19	22	17	14			
Core part						50	1800	696.4	590	901.1	202.5	19	14	13	4			
Self-management and strong leadership	1					3	108	46.25	30	26	33.75					52	Department of Management	
Foreign language for business communication		1				3	108	34.15	30	73.85		3				45	Department of Foreign languages	
Applied mathematics		2				4	144	64.15	60	79.85			4			13	Department of Applied mathematics and information technologies	
Basics of scientific research		1				3	108	34.15	30	73.85		3				23	Department of Construction	
Organization of design and survey activities		4				4	144	44.15	40	99.85				4		23	Department of Construction	
Organization and management of production activities	3					4	144	46.25	40	64	33.75			4		52	Department of Management	
Heat generating plants	2				2	7	252	109.25	90	109	33.75		7			22	Department of Power engineering	
Gas distribution systems and gas consuming equipment	3				3	5	180	69.25	60	77	33.75			5		23	Department of Construction	
Heat supply	1				1	7	252	109.25	90	109	33.75		7			23	Department of Construction	
Special sections of ventilation and air conditioning	3	1	2		3	10	360	137.55	120	188.7	33.75	3	3	4		23	Department of Construction	
Part formed by the educational process participants						22	792	304.05	250	386.7	101.25		8	4	10			
Numerical methods for solving problems of heat and gas supply and ventilation systems		3				4	144	64.15	60	79.85				4		23	Department of Construction	
Design and calculation of energy-saving microclimate conditioning systems	4				4	6	216	79.25	60	103	33.75				6	23	Department of Construction	
Theoretical foundations of the processes of dust and gas cleaning equipment and environmental protection from harmful emissions	2					4	144	36.25	30	74	33.75		4			23	Department of Construction	
Elective courses	2			2		4	144	80.25	60	30	33.75		4					
Heat exchangers of heat and gas supply and ventilation systems	2			2		4	144	80.25	60	30	33.75		4			23	Department of Construction	
Thermal equipment of industrial enterprises	2			2		4	144	80.25	60	30	33.75		4			23	Department of Construction	
Elective courses	4					4	144	44.15	40	99.85					4			
Reconstruction of heat supply systems for settlements and enterprises	4					4	144	44.15	40	99.85					4	23	Department of Construction	
Reconstruction of gas supply systems for settlements and enterprises	4					4	144	44.15	40	99.85					4	23	Department of Construction	
Unit 2. Practical training						39	1404	1404				6	12	6	15			
Core part						39	1404	1404				6	12	6	15			
Academic training			1			6	216	216				6						
Research practice			1			6	216	216				6				23	Department of Construction	
On-the-job training			22344			33	1188	1188					12	6	15			
Research practice			234			18	648	648				6	6	6		23	Department of Construction	
Project practice			2			6	216	216				6				23	Department of Construction	
Pregraduation practice			4			9	324	324							9	23	Department of Construction	
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	23	Department of Construction	
Elective courses						4	144	60.3	60	83.7			4					
Spoken foreign language (English)		2				2	72	30.15	30	41.85			2			45	Department of Foreign languages	
Spoken foreign language (German)		2				2	72	30.15	30	41.85			2			45	Department of Foreign languages	