

Federal State Budgetary Educational Institution of Higher Education  
**«Ural State University of Architecture and Art»**

APPROVED by  
 Academic Council of USUAA  
 «18» april 2019, Minutes № 27-01УС-08

APPROVED by  
 Acting Rector  
 « 18 » *Sergey P. Postnikov* 2019



**CURRICULUM**

Master training in subject area 07.04.01 Architecture  
 Subject Architecture of Urban Industrial  
 Infrastructure Objects

Qualification – Master  
 Standard duration – 2 years  
 Tuition format – full-time  
 Year of enrolment – 2019

**I Academic Schedule**

months	September					October				November					December				January				February				March					April					May				June					July					Aug					
weeks	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50						
I	[									18 x*								]	•	=	=		[										18									]	•	X	X	X	X	=	=	=	=	=	=			
II	[									18								]	n	•	•	=	X	X	X	X	X	X	X	X	X	X	X	X	X	X	=	II	II	II	II	II	II	II	II	II	II	II	II	II	=	=	=	=	=	=

[ ] - theoretical  
 = - vacations

• - Examination period  
 x\* - Practical training (spread out)

X - Practice  
 П - National holidays

II - Final assessment

**II. Total workload (credits)**

Year	Theoretical training, examinations	Practice (spread out)	Practice (focused)	Final assessment	Total credits
I	45	9	6	-	60
II	30	-	15	15	60
Total	75	9	21	15	120

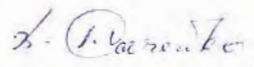



### III Detailed curriculum by subject

Index	Name of discipline including practical training	Workload				Distribution of theoretical training by year and semester				Interim assessm		
		Credits	Academic hours			Year 1		Year 2		(form and distrib by semester)		
			Total	incl.		1 sem 18 weeks	2 sem 18 weeks	3 sem 18 weeks	4 sem 18 weeks			
				In class.	Self					exam	test	sem proje
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Б1</b>	<b>Grouping 1. Disciplines</b>	<b>75</b>	<b>2700</b>	<b>882</b>	<b>1818</b>							
<b>Б1.0</b>	<b>Compulsory part</b>	<b>45</b>	<b>1620</b>									
Б1.0.1	Contemporary concepts in theory of architecture and urban planning	3	108	36	72	2-2*				1		
Б1.0.2	Modern information technologies	2	72	18	54	1-3					1	
Б1.0.3	Feasibility study in architectural design and urban planning solutions	4	144	36	108			2-4*		3		
Б1.0.4	Current issues in history and theory of architecture	2	72	36	36		2-2				2	
Б1.0.5	History of industrial architecture in the Urals	3	108	36	72	2-4					1	
Б1.0.6	Trends in the development of industrial architecture	4	144	36	108		2-4*			2		
Б1.0.7	Integration of industrial facilities into urban environment	3	108	36	72			2-4			3**	
Б1.0.8	Innovative activities in architecture	4	144	36	108			2-6			3**	
Б1.0.9	Modern building structures	4	144	36	108			2-6			3**	
Б1.0.10	Building services	4	144	36	108		2-6				2**	
Б1.0.11	Research methods, methodology and presentation	9	324	108	216	2-2	2-4	2-4*		3	(1.2)**	
<b>Б1.0.ЭД</b>	<b>Electives дисциплины</b>	<b>3</b>	<b>108</b>									
Б1.0.ЭД.1	Architectural landscaping reconstruction	3	108	36	72		2-4				2	
Б1.0.ЭД.2	Architectural ensemble development in modern city											
<b>Б1.Ф</b>	<b>Part determined by educators and learners</b>	<b>30</b>	<b>1080</b>									
Б1.Ф.1	Architectural design of industrial objects	24	864	324	540	6-8	6-14	6-8			(1-3)**	1-3
Б1.Ф.2	Foreign language of the profession	4	144	36	108			2-4*		3		
Б1.Ф.3	Academic text stylistics	2	72	36	36	2-2					1	
<b>Б2</b>	<b>Grouping 2. Practical training</b>	<b>30</b>	<b>1080</b>									
<b>Б2.0</b>	<b>Compulsory part</b>	<b>9</b>	<b>324</b>									
Б2.0.1	Academic practice in research work (acquiring initial research work skills) / spread out /	9	324			X					1**	
<b>Б2.Ф</b>	<b>Part determined by educators and learners</b>	<b>21</b>	<b>756</b>									
Б2.Ф.1	Process practice in industry (design process)	6	216				X				2**	
Б2.Ф.2	Pre-graduation practice in industry	15	540						X		4**	

1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Б3</b>	<b>Grouping 3. Final assessment</b>	<b>15</b>	<b>540</b>									
Б3.1	Preparation and defense of graduate qualification work	15	540						X			
	<b>Total workload of the core educational programme</b>	<b>120</b>	<b>4320</b>									
<b>ФТД</b>	<b>Optional disciplines</b>	<b>2</b>	<b>72</b>	<b>18</b>	<b>54</b>							
ФТД.1	Project management techniques	2	72	18	54		1-3				2	
	Per week	Classroom hours				15	17	18				
		Self-study hours				21	37	36				
		Total hours				36	54	54				
		Credits (Б1)				19	26	30	-			
		Credits (Б2, Б3)				9	6	-	30			
		Total credits				60		60				
	Number of	Course projects				1	1	1	-			
		Course papers				-	-	1	-			
		Examinations				1	1	3	-			
		Tests				5	6	4	-			

Final Assessment		Notes
1.	Graduate qualification work to be defended before State Examination Commission in Semester 4	* examination ** graded test

AGREED BY  
 Vice-Rector for Academic Affairs  
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 Head of Department of Theory of Architecture and Professional Communication

  
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