

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 27-01YC-08

APPROVED by  
Rector  
«13» *май*



**CURRICULUM**

Bachelor training in subject area 07.03.04 Urban Planning  
Subject Urban Plan Design

Qualification – Bachelor  
Standard duration– 5 years  
Tuition format – full-time  
Year of enrolment – 2021

**I Academic Schedule**

months week year	September					October				November					December				January				February				March					April					May				June					July										
	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							
I	[					18													п	•	•	=	[							18						п												•	•	•	X	X	-	=	=	
II	[					18													п	•	•	=	[							18						п												•	•	X	X	=	=	=	=	
III	[					18													п	•	•	-	[							18						п												•	•	X	X	X	=	=	=	=
IV	[					18													п	•	=	=	[							18						п												•	X	X	X	X	-	-	=	
V	[					18													п	•	•	•	•	X	X	=	=	II	II	II	II	II	II	II	II	II	п	II	II	II	II	II	II	II	II	II	II	II	=	=	=	=	=			

[ ] - theoretical  
= - vacations

• - Examination period  
II - Final assessment

X - Practical training

п - National holidays

**II. Total workload (credits)**

Year	Theoretical part	Practice	Final assessment	Total credits
I	56	4	-	60
II	57	3	-	60
III	58	2	-	60
IV	54	6	-	60
V	33	3	24	60
Total	258	18	24	300

### III. Detailed curriculum by subject

No.	Name of discipline types of practical training	Workload				Distribution by year and semester										Interi assessm (form and dis by seme:	
		Credits	Academic hours			Year 1		Year 2		Year 3		Year 4		Year 5			
			Total	including		1	2	3	4	5	6	7	8	9	10		
				in class	self-study (* including exam workload)	sem	sem	sem	sem	sem	sem	sem	sem	sem	sem		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>B1</b>	<b>Grouping 1. Disciplines</b>	<b>258</b>	<b>9288</b>	<b>3798</b>	<b>5490</b>												
B1.O	<b>Compulsory part</b>	<b>151</b>	<b>5832</b>														
B1.O.1	History (history of Russia, general history)	3	108	36	36+36*		2-2*									2	
B1.O.2	Foreign language	7	252	108	108+36*	2-2	2-2	2-2*								3	1.2
B1.O.3	Philosophy	4	144	54	54+36*							3-3*				7	
B1.O.4	Health and safety	2	72	36	36							2-2					7
B1.O.5	Physical training and sports	2	72	18	54								1-3				8
B1.O.6	Cultural studies	3	108	36	36+36*									2-2*		9	
B1.O.7	Economics	2	72	36	36					2-2							5
B1.O.8	Law	2	72	36	36										2-2		9
B1.O.9	Practical stylistics of the Russian language	4	144	36	72+36*										2-4*	9	
B1.O.10	Architectural and construction drawing	3	108	36	72	2-4											1
B1.O.11	Descriptive geometry	3	108	36	72	2-4											1
B1.O.12	Basics of architectural composition	4	144	36	72+36*	2-4*										1	
B1.O.13	Compositional modeling	7	252	72	144+36*		2-4*	2-4								2	3**
B1.O.14	Information technologies and computer-aided visualization	24	864	252	612		2-4	2-4	2-4	2-4	2-6	2-6	2-6				2-8**
B1.O.15	Drawing	12	432	360	72	4-	4-	4-	4-2	4-2							(1-5)**
B1.O.16	Painting	5	180	144	36			4-	4-2								(3,4)**
B1.O.17	Architectural materials exploration	3	108	36	36+36*	2-2*										1	
B1.O.18	Basic geodesy	2	72	36	36		2-2										2
B1.O.19	Architectural and urban planning ecology	2	72	36	36			2-2									3
B1.O.20	Traffic and pedestrian circulation in urban plans	3	108	36	36+36*				2-2*							4	
B1.O.21	Building site development	2	72	36	36					2-2							5
B1.O.22	Building typology	2	72	36	36					2-2							5**
B1.O.23	Architectural and construction technologies	3	108	36	36+36*						2-2*					6	
B1.O.24	Building services and equipment	3	108	36	36+36*						2-2*					6	
B1.O.25	Architectural physics	4	144	36	72+36*				2-4*							4	
B1.O.26	Architectural structures and theory of engineering design	7	252	108	108+36*			2-2	2-2	2-2*						5	(3,4)**
B1.O.27	Economic geography	4	144	36	72+36*		2-4*									2	
B1.O.28	Urban planning economics	3	108	36	36+36*						2-2*					6	
B1.O.29	Basics of urban industrial infrastructure planning	3	108	36	72						2-4						6
B1.O.30	Territory transport infrastructure	5	180	72	108						2-2	2-4					6,7**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Б1.О.31	Architectural treatment of cities	3	108	36	72							2-4					7
Б1.О.32	Engineering protection and sanitary cleaning of territories	2	72	36	36								2-2				8
Б1.О.33	Development of design documentation for construction	2	72	36	36								2-2				8
Б1.О.34	Architectural design and urban planning basics	2	72	18	54	1-3											1
Б1.О.35	Basics of urban planning theory	2	72	36	36				2-2								4
Б1.О.36	Urban plan analysis	6	216	108	108					2-2	2-2	2-2					5-7**
Б1.О.37	Territorial planning	6	216	108	108						2-2	2-2	2-2				(6-8)**
Б1.О.38	Basics of financial competence	2	72	36	36								2-2				8
Б1.О.ДВ	<i>Дисциплины по выбору студента</i>	<b>4</b>															
Б1.О.ДВ.1.1	Modern building services and systems, material and energy saving in architecture and urban planning	4	144	36	72+36*									2-4*		9	
Б1.О.ДВ.1.2	Environmental factors in architecture and urban planning																
Б1.О.ДВ.1.3	Construction process management																
Б1.Ф	<b>Part determined by educators and learners</b>	<b>96</b>	<b>3456</b>														
Б1.Ф.1	History of spatial arts	15	540	180	180+180*	2-2*	2-2*	2-2*	2-2*	2-2*						1-5	
Б1.Ф.2	Sociology	2	72	36	36			2-2									3
Б1.Ф.3	Design and research methodology	3	108	36	36+36*									2-2*		9	
Б1.Ф.4	Regional issues in history and theory of architecture and urban planning	3	108	36	72								2-4				8
Б1.Ф.5	Urban planning legislation and law	3	108	36	72									2-4			9
Б1.Ф.6	Urban plan development	60	2160	972	1152+36*	6-4	6-4	6-4	6-4	6-4	6-8	6-8	6-8	6-12*		9	(1-8)**
Б1.Ф.7	Urban planning theory	3	108	36	36+36*					2-2*							5
Б1.Ф.8	Basics of urban system development	3	108	36	36+36*								2-2*				8
Б1.Ф.ДВ	<i>Electives</i>	<b>4</b>															
Б1.Ф.ДВ.1.1	Architecture and urban planning aesthetics	4	144	36	72+36*									2-4*		9	
Б1.Ф.ДВ.1.2	Basic theory of architecture and other spatial arts																
<b>Б2</b>	<b>Grouping 2. Practical training</b>	<b>18</b>	<b>648</b>														
Б2.О	<b>Compulsory part</b>	<b>9</b>	<b>324</b>														
Б2.О.1	Introductory academic practice (architectural surveying and geodesy)	4	144				X										2**
Б2.О.2	Academic practice in arts	3	108						X								4**
Б2.О.3	General construction practice (construction process)	2	72								X						6**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Б2.Ф	Part determined by educators and learners	9	324														
Б2.Ф.1	Design practice in industry	6	216										X				8**
Б2.Ф.2	Pre-graduation practice in industry	3	108											X			9**
<b>Б3</b>	<b>Grouping 3. Final assessment</b>	<b>24</b>	<b>864</b>														
Б3.1	Preparation and defense of graduate qualification work	24	864												X		
	<b>Scope of bachelor degree programme</b>	<b>300</b>	<b>10800</b>														
ЭД	Elective disciplines in physical training and sports	-	328	328	-	4-	4-	2-	2-	2-	2-	2-					1-7
ФТД	Optional disciplines	2	72	36	36	1-1							1-1				1,8
Total per week		Classroom hours				28	28	30	28	28	24	23	22	20			
		Self-study hours				26	26	24	26	26	30	31	32	34			
		Total hours (Б1, ЭД, ФТД)				54	54	54	54	54	54	54	54	54			
Total per semester		Credits (Б1)				27	29	28	29	29	29	27	27	33			
		Credits (Б2, Б3)					4		3		2		6	3	24		
Year total		Total credits (Б1, Б2, Б3)				60		60		60		60		60			
Number of (less Б2,Б3)		Course projects				2	2	2	2	1	2	1	1	1			
		Course papers				-	-	1	1	-	1	1	1	-			
		Examinations				3	4	2	3	3	3	1	1	6			
		Tests				8	6	9	7	8	7	8	9	2			
		Disciplines				11	10	11	10	11	10	9	10	8			

Optional disciplines				Practical training			
No.	Discipline	Semester	Hours/week	№ п/п	Type (focus)	Description	Semester
1.	Corporate culture basics	1	2	1.	Introductory (architectural surveying and geodesy)	Academic	2
2.	Professional excellence basics	8	2	2.	Artistic	Academic	4
				3.	General construction (construction process)	Academic	6
				4.	Design process	In industry.	8
				5.	Pre-graduation	In industry	9
						Total weeks	

Final Assessment		Notes
1.	Graduate qualification work to be defended before State Examination Commission in Semester 10	* - preparation for examination and actual examination workload constitute 1 credit ** - graded test

Учебный план актуализирован в соответствии с приказом МИНОБРНАУКИ РОССИИ от 08.02.2021 г. № 83

The curriculum has been updated in accordance with the order of the Ministry of Science and Higher Education of Russia of 08.02.2021 No. 83

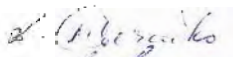


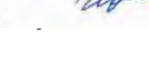
AGREED BY

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