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

APPROVED by Academic Council of USUAA 29 October 2020, Minutes 47-01УС-08 APPROVED by

Rector

2020

CURRICULUM

54.03.01 Design

Industrial Design Course

Qualification - Bachelor Standard duration- 4 years Tuition format - full-time Year of enrolment - 2021

I Academic Schedule

	Ι	S	ept	em	bei	r	Γ	O	cto	ber			No	ove	mb	er –	Ι	De	ecer	nbei		J	anı	uary			Febr	uar	у		IV	larc	h			Āŗ	oril			М	ay				lune	;			Ju	ly		Α
year/week		1	2	3	4	5	6	7	7	8	9	10	ļ II	12	1,	3 1-	1	5 i	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 5
Ī		[1	8]	П	•	=	=	[18								П				Г]	•	•	х	Х	х	X	=	= -
II		[]						ı	8												J	П	•	=-	=	[18								Π]	•	•	X	Х	х	X	_:	= =
III		[1	8]	ח	•	_	=]					18								11]	•	•	Х	Х	X	Х	-	= =
ΙV		[]						1	8												J	ח	•	-	_	[9]	•	Х	Х	X	х	х	Х	Х	Х	=]]	II	ΙI	IJ	=	=	_=	= =

theoretical vacations

Examination period

Bachelor training in subject area

Practice

- ГИА

II Total workload (credits)

Year	Theoretical part (incl. examination periods)	Practice	Final assessment	Total credits
l l	54	6	-	60
II	54	6	-	60
111	54	6	-	60
IV	42	12	6	60
Total	204	30	6	240

III Detailed curriculum by subject

					etalled cur	i icuituiii	Dy Sub									
			Work							ion by ye				1	Inte	rim
		Credits	Ac	ademic hou	ırs	Ye	ar I		ar 2	Yes	ar 3		ar 4]	assess	
				Inclu	uding	l st	2nd	3rd	4th	5th	6th	7th	8th	(for	n and dis	stribı
Code of	Name of discipline		Total	in class.	self-study	sem	sem	sem	sem	sem	sem	sem	sem		seme	ster)
discipline	(including field practices)	(allowing for	(allowing for		(* including	18	18	18	18	18	18	18	9	exam	test	ser
		exam	exam		exam	weeks	weeks	weeks	weeks	weeks	weeks	weeks	weeks]		proj
		workload)	workload)		workload)				hours p	er week						
I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Б1	Set of disciplines 1	204	7344	3564	3780											
			+328***	+328***			_							<u> </u>		
Б1.О	Compulsory part	185	6660						_	_						
Б1.О.1	History (history of Russia,	3	108	36	36-36*	2-2*								1	1	
	general history)		_		_									 		
Б1.О.2	Foreign language	7	252	108	108÷36*	2-2	2-2	2-2*					1	_ 3	1,2	
Б1.О.3	Philosophy	4	144	54	54+36*		_					3-3*		7		
Б1.О.4	Health and safety	2	72	36	36			_				2-2		<u> </u>	7	
Б1.О.5	Physical training and sports	2	72	18	54						1-3				6	!
Б1.О.6	Cultural studies	3	108	36	36+36*				2-2*					4		
Б1.О.7	Economics	2	72	36	36					2-2					_ 5	
Б1.О.8	Law	2	72	36	36						2-2				6	
Б1.О.9	Russian language and speech	3	108	36	3636*		2-2*							2		
	culture	<u></u>	<u> </u>					_						<u> </u>		<u> </u>
Б1.О.10	History of fine arts	10	360	144	144+72*	2-2	2-2*	2-2	2-2*					2,4	1,3	
Б1.О.11	History of design	7	252	72	108÷72*					2-4*	2-2*	<u> </u>		5,6		
Б1,О.12	PR techniques in creative activity	3	108	36	72			_		2-4				<u> </u>	5	
Б1.О.13	Academic drawing	8	288	288		4	4-	4-	4-		7,111				(1-4)**	
Б1.О.14	Technical drawing	2	72	36	36	2-2									1**	
Б1.О.15	Academic painting	4	144_	144	_			4-	4-						(3,4)**	ļ
Б1.О.16	Sculpture and plastic modelling	2	72	72	-					4-					5**	
Б1.О.17	Graphic and colour composition	8	288	216_	72	4-	4-	2-2	2-2						(1-4)**	
Б1.О.18	Colour studies	2	72	36	36		2-2							L .	2**	
Б1.О.19	Information technologies and	8	288	[44	144	2-2	2-2	2-2	2-2				1		1-4**	
	computer-aided design tools	<u> </u>													<u> </u>	
Б1.О.20	Occupational pedagogya	2	72	36	36							2-2			7	
Б1.О.21	Design graphics	9	324	144	180	2-2	2-2	2-2	2-4						(1-4)**	
Б1.О.22	Designing	45	1620	774	846	4-6	6-4	6-4	6-6	6-6	6-6	6-8	6-14		(1-8)**	1-
Б1.О.23	Engineering drawing	5	180	72	72÷36*	2-2	2-2*							2	1	
Б1.О.24	Physical modelling	4	144	144	-	4-	4-								(1.2)**	
Б1.О.25	Basics of industrial workmanship	4	144	144	-			4-	4-						(3,4)**	
Б1.О.26	Colour modelling	2	72	36	36			2-2							3	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Ī
Б1.О.27	Engineering mechanics	5	180	72	72+36*			2-2	2-2*					4	3**	
Б1.О.28	Ergonomics and engineering psychology	5	180	72	108					2-4	2-2				5,6**	
Б1.О.29	Engineering design	5	180	72	108						2-2	2-4			6,7**	
Б1.О.30	3D-interface design and applied graphics in industrial design	8	288	72	216							2-8	4-8		7,8**	
Б1.О.31	Theory and methodology of the design process	6	216	54	126+36*							2-4	2-6	8	7	
Б1.О.32	Design research methodology	3	108	36	72								4-8		8**	
Б1.Ф	Part determined by educators and learners	19	684													
Б1.Ф.І	Design economics	3	108	36	72						2-4				6**	
Б1.Ф.2	Materials science	5	180	72	108					2-4	2-2			L	5,6**	L
Б1.Ф.3	3D-rendering and animation tools	6	216	72	144					2-4	2-4				5,6**	
Б1.Ф.ДВ	Elective disciplines	5_	180													
Б1.Ф.ДВ.1.1 Б1.Ф.ДВ.1.2	Marketing in design Basic entrepreneurship	2	72	36	36							2-2			7**	
Б1.Ф.ДВ.2.1 Б1.Ф.ДВ.2.2	Psychology of creative process Psychology of inclusive education	3	801	36	36+36*						2-2*			6		
Б2	Grouping 2. Practice	30	1080													
Б2,О	Compulsory part	24	864													
Б2.О.1	Introductory academic practice	6	216				X								2**	
Б2.О.2	Academic practice in creativity Drawing	3	108						X						4**	
Б2.О.3	Academic practice in creativity Painting	3	108						Х						4**	
Б2.О.4	Pre-graduation practice in industry	12	432										X		8**	
Б2.Ф	Part determined by educators and learners	6	216													
Б2.Ф.1	Design process practice in industry	6	216								X				6**	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	ŀ
Б3	Grouping 3. Final assessment	6	216													
Б3.1	Preparation for graduate qualification work for defense	6	216								_		X			
	Scope of bachelor degree programme	240	8640 (+328***)												_	
ЭД	Elective disciplines in physical training and sports	_	328	328	-	2-	4-	4-	4-	4-					1-5	
ФТД	Optional disciplines	2	72	36	36	1-1					I - I		_		1,6	
	Paramala.		Classroc	om hours		33	36	36	34	26	24	21	16		_	
	Per week		Self-stud	dy hours		21	18	18	20	28	30	33	36			
			Total	hours		54	54	54	54	54	54	54	52			
		(less	Total spractice and	credits final asses	sment)	26	28	26	28	26	28	28	14			
			Course	projects		1	1	1	1	1	1	1	1			
			Course	papers			-	i i	1	-	1	-	-			
	Number of		Exami	nations		1	3	I	3	I	_ 2	1	l			
	Number of		Тс	ests		12	9	1 l	_ 8	8	9	7	3			<u> </u>
				plines		13	12	12	- 11	9	11	- 8	4		_	_
			Practical	trainings		-	1		2	_	1	-	11	<u> </u>		<u></u>

	Optional disciplines				Practicals		
No.	Discipline	Semester	Hours/week	No	Туре	Description	Semester
1.	Corporate culture basics	1	2	1.	Introductory	Academic	2
2.	Professional excellence basics	6	2	2.	Creative	Academic	4
				3.	Design process	In industry.	6
				4.	Pre-graduation	In industry	8
""				$\overline{-}$	Total weeks	,	

	Final Assessment	Notes
l.	Graduate qualification work to be defended before State Examination Commission in	* - preparation for examination and actual examination workload constitute 1 credit
	Semester 8	** - graded test
1		*** - hours allocated for electives in physical training and sports

AGREED BY

Vice-Rector for Academic Affairs Head of Academic Management Unit Dean of Faculty of Design Head of Industrial Design Department



Victoria I. Isachenko Tatiana D. Kolobova Irina S. Zubova Valery A. Kurochkin