MINISTRY OF EDUCATION AND SCIENCE OF THE REPUBLIC OF KAZAKHSTAN Non-profit Joint Stock Company "KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY named after K.I. SATPAYEV"



APPROVED Chairman of the Board -Rector of Satbayev University Begentayev M.M. 202_y.

MAJOR CURRICULUM

Full-time: study

FIAJUR CURRICULUM

for 2200-2221 academic year admission

Educational program 6B07301 / 6B02101 - "Architecture and design"

Group of Educational programs B073 - "Architecture" / B031 - "Fashion, interior design and industrial de-

			Full-time; study	time: study		Study duration: 5 years				Academia	c degree Rachelor of Day	Jones Lot All Sell						
Year of study	Code		Name of discipline		400	Total Credits	Total boars	dassroom volume leeflab/mettsW	IWMS (including	Prerequisites	Code	c degree: Bachelor of Engineering and Technology / of	00 00	Totel Credits	Total hours	classroom volume	IWMS (including	Prevequisites
	-		I semester (autumn 2	320)							-			-	1.5	day of	1	4
	LNG10				-			-		-		2 semester (spring 2	021)		-			
	LNG1052 Elementary English (A1) LNG1053 General English 1 (A2)							- 1		LNG1052	Elementary English (A1)	-		_	2/100			
	LNG105				-		000	W		640	LNG1053	General English I (A2)						LNGIG
	LNG105		()	9	J.	6	150	0/0/3	105	Diagnosti	100001034		-	4	N I	1	1	LNGI
									1	test	LNG1055		G	6	150	0/0/3	105	LNGIO
	LNG1012							18			LNG1056 LNG1057			4		100,000	300	LNG10
1	LNG1012	2.1 Academic Kazakh/Rus	ssian (B1)	- 0	8	5				D.	7.3.607.000	Professional English (B2+) Academic Kazakh/Russian (B1)		1			1	LNG10
	LNG1012	2.2 Business Kazakh/Russ	2 Business Kazakh/Russian (B2)		,	6	150	0/0/3	105	Diagnosti	LNG107	Business Karakh Income (Al)				1	-	LNG10
	MAT001	10 Algebra and introducti	on to calculus	-	-	0		1000		1000	1101	Business Kazakh language (Advanced Russian language) (B2) Elective	G	6	150	1/0/2	105	LNG101
	MATI63			- B		6	150	1/0/2	105	Diagnostic	1000100	Drawing II					1	LNQ101
	ARC436	(and design)		B		6	150	1/0/2		test	ARC113	Architectural drawing	В	6	150	0/0/3	105	ARC15
1	ARC155 GEN101	Drawing I		В		6	150	-	105		ARC104	Architectural composition	-			1		MAGE
1	KFK101		uter Cruphics	B	_	6	150	0/0/3	105		ARC157	Sculpture	В	6	150	1/0/2	105	ARC43
ŀ	KFK101	Committee 1	- 18 18 18 18 18 18 18 18 18 18 18 18 18	G		2	60	0/0/2	105		HUM100	Contemporary History of Kazakhstan	B	6	150	0/0/3	105	BO
1			n total			38	00	23	30		KFK102	Physical education II	G	- 6	150	1/0/2	105	no
1			3 semester (autumn 202	n	-	-		43		_	-	In total	U	2	60	0/0/2	30	
1	ARC413		an	_	-	_						4 semester (spring 202	- T	38		21		
1	HUM126	Social-political knowled	lge .	B			150	2/0/1	105		ARC114	World History of Architecture	_					
1	HUM132	The state of the s	- Charles	G			180	4/0/0	135	no	CSE677	Information and Communication technology	В	5	150	2/0/1	105	
1	CIV199	Engineering mechanics		В	-		150	1/0/2	105	no	CIV124	Engineering systems of buildings and structures	G	-5	150	2/1/0	105	no
-	ARC506	TOTAL PROPERTY OF		B	-		150	1/0/2	105	MAT00110	CIV164	Building construction	В	5	150	2/0/1	105	no
H	ARC505 AAP122	Painting		B			150	0/0/3	105	ARC104	CHE452	Ecology and sustainable development	В	5	150	2/()/1	105	CIV199
H	AAPIZZ	Physical education III	Name of the last	G			60	0/0/3	105	ARC156	2201	Elective	G B	2	60	1/0/0	4.5	
t							Du I	Urur 2	30		2202	Elective	B	5	150	0/0/3	105	ARC450
T		10	total		3	5		21	-,		AAP132	Physical education IV	G	2	150	0/0/3	103	no
-	5 semester (autumn 2022)			()		-		-				In total		34	80	0/0/2	30	_
+		ARC509 Integrated design I			1 3		ro I	0.00.00	-	-		6 semester (spring 202)	1)					
	ARC106	Integrated design II		P	5		150	0/0/3	105	ARC451	ARC440	Integrated design III				_		
-	A CANDON STORY	Architectural typology		-	1		50	2/0/1	105	ARC451	ARC441	Integrated design IV	p p	5	150	0/0/3	105	ARC509
	MNG487	culture	eneurship, Leadership and Anti-corruption	G			-			ARC104	3205	Elective	В	5	150	0/0/3	105	ARC510
	CHE451	Life safety			3		90	1/0/1	60	- 1	3206	Elective		2		_	105	
	3202	Elective		G	2		50	1/0/0	45		3207		В	5	150		105	
	3203	Elective		В	5		50		105		3208	Elective	р	5	150		105	
	-3204	Elective		В	5		50		105		32)/6	Elective	P	.5	150		105	
L		In	fotal	В	5		50		105								155	
ı			# Your Charles and American		35		_	18				In total						
Н	ARC442	Integrated design V	7 semester (autumn 2023)									Walter Opening and the second		30		18		
	ARC443	Integrated design VI		p	3	1.	50	0/0/3	105	ARC440	ARC444	8 semester (spring 2024)						
-	4209			P	.5		_	0/0/3	-	ARC441		Integrated design VII	P	5	150	0/0/1	105	ADOM
-		Elective		В	- 5	_	50	-	105	AU(C44)		Integrated design VIII	P	5	150	0/0/3		ARC442
	4210	Elective		В	5	_	50		105			Basic of BIM-technology	P	5	150	the second second	105	ARC443
	4211	Elective		В	5		50	_				Elective	p	5	150	0/0/3	105	ARC143
		Elective		В	5	_	0		105			Sloctive	В	5			105	
	4212		4-1	В		12	10		105		4215 1	lective			150		105	
	4212	In to	OTA1		30			18				În total	В	_	150		105	
	4212	In t												30	-	400		
			9 semester (sutumn 2024)							11				- Diff		18		
	5316	Elective		Р	5	15	0		105		PG4002 In	10 semester (spring 2025)		.50		18		
	5316 5317	Elective Elective		P P	5				105		ECA003 P	reparation and writing of the thesis (project)				18		
	5316 5317 5318	Elective Elective Elective		-		15	0		105			10 semester (spring 2025) reparation and writing of the thesis (project) reducte thesis (project) defense	FA	6		18		
	5316 5317 5318 5319	Elective Elective Elective Elective		P	5	15	0		105 105			reparation and writing of the thesis (project)				18		
	5316 5317 5318 5319 5320	Elective Elective Elective Elective Elective		P P	5 5	15 15	0		105 105 105			reparation and writing of the thesis (project)	FA	6		18		
	5316 5317 5318 5319 5320	Elective Elective Elective Elective	9 seniester (autumn 2024)	P P	5	15	0 0		105 105			reparation and writing of the thesis (project)	FA	6		18		

whereby	Code	Name of discipline	Cycle	Condita	Recommended semester
		Obligatory education with	P/NP assessment		
-	AAP101	Training Practice			
2	AAP112	Training Practice II	В		2
3	AAPI09	Industrial internship I	В	1	4
4	AAP158	Industrial internship. II	В	1	6
			P	2	8
1	AAP107	Additional types of	of training		
		Educational field geological internship	G	0	5-7
4	AAP500	Military training			
			В	0	3-6

Total number of credits				
		Credits		
Cycle of disciplines	compul- sary	elective	total	
Cycle of general disciplines (G)	_		-	
Cycle of basic disciplines (B)	63		63	
The cycle of profiling disciplines (P)	76	.71	147	
Promise disciplines (F)	47	45	92	
Final attestation (FA)	186	116	302	
rust duchation (FA)	12	0	12	
Total:	12	0	12	
OVERALL	100	***	21.	

Decision of the Academic Council of the IA&CI after T.K Basenov. Minutes # 🗷 dated " 💯 " 🔣 2020

Vice-Rector for Academic Affairs

Director of IA&C after T.K.Basenov

Head of department "Architecture"

Representative of the Specialty Council

Zhautikov B.A.

Ruspangaliev B.U.

Khojikov A.V.

teel Karmanov Sh.D.

MINISTRY OF EDUCATION AND SCIENCE OF THE REPUBLIC OF KAZAKHSTAN IN Non-profit Joint Stock Company "KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY WHITE A FOR KAZAKHSTAN YEV"



APPROVED Directif affa & Caffer Lk Baser

CATALOG OF ELECTIVE DISCIPLINES

Educational program 6B07301 / 6B02101 - "Architecture and design"

Group of Educational programs B073 - "Architecture" / B031 - "Fashion, interior design and industrial design"

ear of tudy	Element cod	e Code of n disciplin		On: 5 years Academic degree: Bachelor of Name of the discipline		W.		7
					Cycle	Credits	lec/lab/pr/ IWS	Prerequis
1	1101	LNG103		2 semester (spring 2021) The culture of business communication (C1)				
•	1101	LNG102	Architecture and des.	Rhetoric (C1)	- G	4	0.00.00	
				Tuctoric (C1)		,	0/0/2	
					To	tal: 4		
		ARC174	Architecture	4 semester (spring 2022) Regional aspects of architecture				
			Graphic design	aspects of arcintecture				
	2201	ADGUA	Industrial Design	- i				
		ARC413	Architectural design	A = aude C25 3.5	В	5	2/0/1	
2			Landscape design			1		
		ARC508	Architecture	Architectural coloristics and lighting				
- 1		ARC466	Graphic design				2/0/1	
	2202	AKC400	Industrial Design	Light-color organization of the environment				
- 1		ARC467	Architectural design		В	5	1/0/2	
1		ARC467	Landscape design	Color Light Modeling			1/0/2	
					Tota	l: 10		
		ADGULO	Architecture	5 semester (autumn 2022)	155			
		ARC410	Graphic design	Photographica				
	3202		Industrial Design				1 -	
		ARC187	Architectural design	The Visual Culture Basics	В	5	1/0/2	
			Landscape design	- Inc Visual Culture Basics	1		1 -	
		ARC149	Architecture	Remark of Co.				
- 1		ARC488	Graphic design	Reconstruction of Asian monuments TV design			2/0/1	
- 1	3203	ADCION	Industrial Design	, v dealgh		5		
		ARC489	Architectural design	Regional Design	В		0/0/2	
		ARC490	Landscape design	Reconstruction of landscape architecture objects			0/0/3	
		ARC115	Architecture	Urban design		1		
- 1		ARC452	Graphic design					
	3204	ARC453	Industrial Design	Calligraphy and typography				
		ARC185	Architectural design	History of design, science and technology	В	5	2/0/1	
- 1		ARC454	Landscape design	Interior History				
			arabeape design	History of landscape art				
			-		Total:	15		ni
		RC145	Architecture	6 semester (spring 2023)				
			Graphic design	Professional modeling in the architecture IV				
1	3205	RC476	Industrial Design	Digital Simulation I		1		
1			Architectural design		P	5	0/0/3	
	A	RC477	Landscape design	Modeling technologies in design I		1		
	A	RC152	Architecture					
	_	RC463	Graphic design	Reconstruction and modernization of buildings and complexes			1/0/2	
1		RC464	Industrial Design	Design and advertising technologies				
		RC180	Architectural design	Typology of industrial design	P	.5		
1	24	RC479		Typology of the architectural environment		- 1	2/0/1	
		RC159	Landscape design	Landscape science	7 /			
	1		Architecture	Modern materials in architecture				
	3207	-	Graphic design		7 1		-	
1	Al	RC183	Industrial Design	Modern materials in design	В	5	2/0/1	
			ra cintecturar design					
	AT	C456	Landscape design		1 1		-	
	Ar			Aesthetics in architecture			2/0/1	
1	3208 AR	C457	Graphic design		1		2/0/1	
1	- A			Polygraphic design	В	.5		
1	45	C459	Architectural design				1/0/2	
			Landscape design	Decorative plant growing	en little			

1.00	ARC	- Tremtocta	7 semester (autumn 20. The principles of sustainable architecture	,			
	ARC	460 Graphic des	gn Package design				
420		Industrial D	- Things design			1	
	ARC	101	Francisco Contraction	1		5 2/0)/I
1	100	Architectural d		1 10 1			
	ARC	- accept do	ign Urboccology	-	- 1		
	ARC	130 Architecture	The methodology design of architectural objects				
1	ARC	168 Graphic design	m Web Design I				
4210	ARC4						
	ARC4		1 1-4-pinete for chylfornicial i	P		0/0/	/3
	ARC4	- a sinteetta di de	and the second second second				
		Sandscape des	J = = = = = = = = = = = = = = = = = = =			4	
	ARCI		Professional modeling architecture V	1000			
1		Graphic desig	1			1	
4211	ARC4	80 Industrial Desi	n Special Painting				
		Architectural des		P	5	0/0/:	3
	ARC4					4	
	ARCI		Engineering and transport improvement				
	ARC46		District 0: Let all mprovement			2/0/1	
4212	ARCIE	Timpinio design	B				
	ARC47	The Design		P	5	8	
		THE PERSON OF COS	D THE BOOK IN LANGUE IN			0/0/3	
-	ARC47	4 Landscape designment	Design of hydraulic structures in the urban environment		- 1		
			8 semester (spring 2024)	T	otal: 20		
	ARC48	3 Architecture	Energy Efficient design				
2		Architectural desi	20 Littlesen design				
1313		Industrial Desi				7	
1177	ARC45			P	5	1/0/2	
		Architectural design				17072	
		Landscape design					
	ARC181		Construction of object 3				
		Industrial Design	Construction of object design	(K			
4314	ARC473	Architectural desig	Modeling Technologies in Design II	_	1	1	
	ARC474	Architecture		P	5	0/0/3	
	ARC4/4	Landscape design	Design of hydraulic structures in the urban environment				
	ARC154				- 1		
	ARC484		Restoration of monuments			2/0/1	
	ARC485	Graphic design	Web Design II			2/0/1	
4315	_	Industrial Design	Special en vironment equipment II		1	13	
	ARC486	Architectural design	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	P	5	0/0/3	
	ARC487	Landscape design	Technologies of protection and care of vegetation on objects	of			
			landscape architecture			1	1
				Tot	al: 15		
		1 12	9 semester (autumn 2024)				
		Architecture			T		
	APCIA		Externship project I				
5216	ARC135	Graphic design		l le	ł		
5316	ARC135	Graphic design Industrial Design					
5316				P	5	0/0/3	
5316	ARC135 ARC127	Industrial Design Architectural design	Complex project I	P	5	0/0/3	
5316		Industrial Design Architectural design Landscape design		P	5	0/0/3	
5316	ARC127	Industrial Design Architectural design Landscape design Architecture	Complex project I	P	5	0/0/3	
		Industrial Design Architectural design Landscape design Architecture Graphic design		P	5	0/0/3	
5316	ARC127	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design	Complex project I	P			
	ARC127	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design	Complex project I Externship project II		5	0/0/3	
	ARC127 ARC136 ARC128	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design Landscape design	Complex project I				
	ARC127 ARC136	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design	Complex project I Externship project II Complex project II				
5317	ARC127 ARC136 ARC128	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design Landscape design	Complex project I Externship project II				
	ARC127 ARC136 ARC128 ARC403	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design Landscape design Architecture Graphic design	Complex project I Externship project II Complex project II Pre-project analysis I	P			
5317	ARC127 ARC136 ARC128	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design	Complex project I Externship project II Complex project II				
5317	ARC127 ARC136 ARC128 ARC403	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architecture Architectural design	Complex project I Externship project II Complex project II Pre-project analysis I	P	5	0/0/3	
5317	ARC127 ARC136 ARC128 ARC403 ARC424	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design Landscape design Architectural design Industrial Design Architectural design Landscape design Landscape design Landscape design	Complex project I Externship project II Complex project III Pre-project analysis I Pre-project analysis in design I	P	5	0/0/3	
5317	ARC127 ARC136 ARC128 ARC403	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design Architectural design Landscape design Architectural Graphic design Industrial Design Architectural design Landscape design Architectural design Architectural design	Complex project I Externship project II Complex project II Pre-project analysis I	P	5	0/0/3	
5317	ARC127 ARC136 ARC128 ARC403 ARC424	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design Architectural design Landscape design Architectural Graphic design Industrial Design Architectural design Landscape design Architectural design Landscape design	Complex project I Externship project II Complex project III Pre-project analysis I Pre-project analysis in design I	P	5	0/0/3	
5317	ARC127 ARC136 ARC128 ARC403 ARC404	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design Architectural design Landscape design Architectural Graphic design Industrial Design Architectural design Landscape design Architectural design Architectural design	Complex project I Externship project II Complex project III Pre-project analysis I Pre-project analysis in design I Pre-project analysis II	P	5	0/0/3	
5317	ARC127 ARC136 ARC128 ARC403 ARC424	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Landscape design Architectural design Industrial Design	Complex project I Externship project II Complex project III Pre-project analysis I Pre-project analysis in design I	P	5	0/0/3	
5317	ARC127 ARC136 ARC128 ARC403 ARC404	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design Landscape design Architectural design Architectural design Architectural design Architectural design Landscape design Architectural design Landscape design Architectural design Landscape design Architectural design Architectural design Industrial Design	Complex project I Externship project II Complex project III Pre-project analysis I Pre-project analysis in design I Pre-project analysis II	P	5	0/0/3	
5317	ARC127 ARC136 ARC128 ARC403 ARC404 ARC404 ARC404	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design Landscape design Architectural design Architectural design Architectural design Architectural design Industrial Design Landscape design Architectural design Landscape design Architectural design Architectural design Industrial Design Industrial Design Architectural design Landscape design	Complex project I Externship project II Complex project II Pre-project analysis I Pre-project analysis in design I Pre-project analysis II Pre-project analysis in design II	P	5	0/0/3	
5317	ARC127 ARC136 ARC128 ARC403 ARC404	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design Landscape design Architectural design Architectural design Industrial Design Architectural design Industrial Design Architectural design Landscape design Architectural design Architectural design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design	Complex project I Externship project II Complex project III Pre-project analysis I Pre-project analysis in design I Pre-project analysis II	P	5	0/0/3	
5317	ARC127 ARC136 ARC136 ARC403 ARC404 ARC404 ARC405	Industrial Design Architectural design Architecture Graphic design Industrial Design Architectural design Architectural design Architectural design Architectural design Architectural design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Industrial Design Architectural design Industrial Design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Architectural design	Complex project I Externship project II Complex project II Pre-project analysis I Pre-project analysis in design I Pre-project analysis II Pre-project analysis in design II	P	5	0/0/3	
5317	ARC127 ARC136 ARC128 ARC403 ARC404 ARC404 ARC404	Industrial Design Architectural design Architecture Graphic design Industrial Design Architectural design Industrial Design Architectural design Architectural design Industrial Design Architectural design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Industrial Design Architectural design Industrial Design Architectural design Industrial Design Architectural design Industrial Design Industrial Design Industrial Design	Complex project I Externship project II Complex project II Pre-project analysis I Pre-project analysis in design I Pre-project analysis II Pre-project analysis in design II Detailed design	P	5 5	0/0/3	
5317	ARC127 ARC136 ARC136 ARC403 ARC404 ARC404 ARC405	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Industrial Design Architectural design Industrial Design Architectural design Landscape design Industrial Design Architectural design Industrial Design Architectural design Industrial Design Industrial Design	Complex project I Externship project II Complex project II Pre-project analysis I Pre-project analysis in design I Pre-project analysis II Pre-project analysis in design II	P P	5	0/0/3	
5317	ARC127 ARC136 ARC136 ARC403 ARC404 ARC404 ARC405	Industrial Design Architectural design Architecture Graphic design Industrial Design Architectural design Industrial Design Architectural design Architectural design Industrial Design Architectural design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Industrial Design Architectural design Industrial Design Architectural design Industrial Design Architectural design Industrial Design Industrial Design Industrial Design	Complex project I Externship project II Complex project II Pre-project analysis I Pre-project analysis in design I Pre-project analysis III Pre-project analysis in design III Detailed design Working design	P P	5 5	0/0/3	
5317	ARC127 ARC136 ARC136 ARC403 ARC404 ARC404 ARC405	Industrial Design Architectural design Architecture Graphic design Industrial Design Architectural design Industrial Design Architectural design Architectural design Industrial Design Architectural design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Industrial Design Architectural design Industrial Design Architectural design Architectural design Architectural design Architectural design Industrial Design Architectural design Industrial Design Architectural design Industrial Design Architectural design Landscape design	Complex project I Externship project II Complex project II Pre-project analysis I Pre-project analysis in design I Pre-project analysis III Pre-project analysis in design III Detailed design Working design Modern regulatory and legal aspects in architecture and when	P P	5 5	0/0/3	
5317	ARC127 ARC136 ARC128 ARC403 ARC404 ARC404 ARC404 ARC404	Industrial Design Architectural design Landscape design Architecture Graphic design Industrial Design Architectural design Landscape design Landscape design Architectural design Architectural design Architectural design Landscape design Architectural design Landscape design Architectural design Landscape design Architectural design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Landscape design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Landscape design	Complex project I Externship project II Complex project II Pre-project analysis I Pre-project analysis in design I Pre-project analysis II Pre-project analysis in design II Detailed design	P P	5 5	0/0/3	
5317 5318 5319	ARC127 ARC136 ARC128 ARC403 ARC404 ARC404 ARC404 ARC404	Industrial Design Architectural design Architecture Graphic design Industrial Design Architectural design Industrial Design Architectural design Architectural design Industrial Design Architectural design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Industrial Design Architectural design Industrial Design Architectural design Architectural design Architectural design Architectural design Industrial Design Architectural design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Canadacape design Architectural design Architectural design Architectural design Architectural design	Complex project I Externship project II Complex project II Pre-project analysis I Pre-project analysis in design I Pre-project analysis III Pre-project analysis in design III Detailed design Working design Modern regulatory and legal aspects in architecture and urban planning	P P	5 5	0/0/3	
5317 5318 5319 5320	ARC127 ARC136 ARC128 ARC403 ARC404 ARC404 ARC404 ARC406 ARC409 ARC409	Industrial Design Architectural design Architecture Graphic design Industrial Design Architectural design Industrial Design Architectural design Landscape design Architectural design Industrial Design Architectural design Architectural design Landscape design Architectural design Landscape design Architectural design Industrial Design Architectural design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Landscape design Architectural design Landscape design Industrial Design	Complex project I Externship project II Complex project II Pre-project analysis I Pre-project analysis in design I Pre-project analysis III Pre-project analysis in design III Detailed design Working design Modern regulatory and legal aspects in architecture and when	P P	5 5 5	0/0/3	
5317 5318 5319 5320	ARC127 ARC136 ARC136 ARC403 ARC404 ARC404 ARC404 ARC406 ARC406 ARC409	Industrial Design Architectural design Architecture Graphic design Industrial Design Architectural design Industrial Design Architectural design Landscape design Architectural design Industrial Design Architectural design Architectural design Landscape design Architectural design Landscape design Architectural design Industrial Design Architectural design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Landscape design Architectural design Landscape design Industrial Design	Complex project I Externship project II Complex project II Pre-project analysis I Pre-project analysis in design I Pre-project analysis in design II Pre-project analysis in design II Working design Modern regulatory and legal aspects in architecture and urban planning	P P	5 5	0/0/3	
5317 5318 5319 5320 A	ARC127 ARC136 ARC128 ARC403 ARC404 ARC404 ARC404 ARC406 ARC409 ARC409	Industrial Design Architectural design Architecture Graphic design Industrial Design Architectural design Industrial Design Architectural design Architectural design Industrial Design Architectural design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Industrial Design Architectural design Industrial Design Architectural design Architectural design Architectural design Architectural design Industrial Design Architectural design Industrial Design Architectural design Landscape design Architectural design Landscape design Architectural design Canadacape design Architectural design Architectural design Architectural design Architectural design	Complex project I Externship project II Complex project II Pre-project analysis I Pre-project analysis in design I Pre-project analysis III Pre-project analysis in design III Detailed design Working design Modern regulatory and legal aspects in architecture and urban planning	P P	5 5 5	0/0/3	

Number of credits in elective disciplines for the ent	ire period of study
Cycles of disciplines	Credits
The cycle of general educational disciplines (G)	Cituits
The cycle of basic disciplines (B)	
The cycle of profiling disciplines (P)	71
	45
OVERALL:	116

Decision of the Academic Council of the IA&CI after T.K.Basenov. Minutes # 2, dated "16" 12 2020. Khojikov A.V.

Head of department "Architecture"

Representative of the Specialty Council