NON-PROFIT JOINT STOCK COMPANY
"KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY named after K.I.SATPAYEV"

SATBAYEV UNIVERSITY

APPROVED
Chairman of the Management Board-
Rector of Razzak named after K.I.Satpayev
M.M.Begentaev
2022 y.

CURRICULUM

of Educational Program on enrollment for 2023-2024 academic year

Educational program 6B02102 - "Design"
Group of educational programs B031 - "Fashion, interior design and industrial design"

Full-time form of educatio Study period: 5 years

Academic degree: Bachelor of Arts

Discipline Code	Name of disciplines	Cycle	Total volume in credits	Total hours	Audience volume lek/lab /pr	SRO (including SROP) in hours	form of control	Distribution of classroom studies by courses and semesters									
								I course		II course		III course		IV course		V course	
								1 semester	2 semester	3 semester	4 semester	5 semester	6 semester	7 semester	8 semester	9 semester	10 semester
CYCLE OF GENERAL EDUCATIONAL DISCIPLINES (OOD)																	
M-1. Language training module																	
LNG108	Foreign language	OOD, OK	10	300	0/0/6	210	E	5	5								
LNG104	Kazakh (Russian) language	OOD, OK	10	300	0/0/6	210	E	5	5								
M-2. Physical training module																	
KFK 101-104	Physical Culture	OOD, OK	8	240	0/0/8	120	Difference	2	2	2	2						
M-3. Information technology module																	
CSE677	Information and Communication	OOD, OK	5	150	2/1/0	105	E				5						
M-4. Socio-cultural development module																	
HUM137	History of Kazakhstan	OOD, OK	5	150	1/0/2	105	GE		5								
HUM132	Philosophy	OOD, OK	5	150	1/0/2	105	E				5						
HUM120	Module of socio-political knowledge (sociology,	OOD, OK	3	90	1/0/1	60	E				3						
HUM134	Module of socio-political knowledge (culturology, psychology)	OOD, OK	5	150	2/0/1	150	E			5							
M-5. Entrepreneurship, Ecology and Life Safety Module																	
MNG489	Fundamentals of Economics and Entrepreneurship	OOD, KV	5	150	2/0/1	150	E			5							
HYD438	Ecology and life safety																
CYCLE OF BASIC DISCIPLINES (BD)																	
M-6. Module of physical and mathematical training																	
MAT423	Mathematics	BD, VK	5	150	1/0/2	105	E	5									
M-7. Basic Training and History Module																	
GEN 429	Engineering and computer	BD, VK	5	150	1/0/2	105	E	5									
ARC537	Drawing I	BD, VK	4	120	0/0/3	75	E	4									
ARC156	Drawing II	BD, VK	5	150	0/0/3*	105	E		5								
ARC538	Architectural composition	BD, VK	4	120	1/0/2*	75	E	4									
ARC114	World History of	BD, VK	5	150	2/0/1*	105	E		5								
ARC523	Fundamentals of design	BD, VK	4	120	2/0/1*	75	E			4							
ARC539	History of design, science and technology	BD, VK	4	120	2/0/1*	75	E			4							
ARC505	Painting	BD, KV	5	150	0/0/3	105	E			5							
ARC410	Photography				1/0/2												
ARC102	Architectural graphics and modeling	BD, KV	5	150	0/0/3	105	E				5						
ARC496	Special drawing I				0/0/3												
ARC581	Interior history	BD, KV	6	180	2/0/1	120	E					6					
ARC540	History of garden art				2/0/1												
M-8. Digital Modeling module																	
ARC524	Professional Modeling in Design I	BD, VK	5	150	0/0/3*	105	E			5							
ARC541	Design I	BD, VK	4	120	0/0/3*	75	E				4						
ARC525	Professional Modeling in Design II	BD, KV	4	120	0/0/3	75	E				4						
ARC542	Digital Modeling I				0/0/3												
ARC157	Sculpture	BD, KV	5	150	0/0/3	105	E					5					
ARC455	Plastic modeling				0/0/3												
ARC526	Professional Modeling in Design III	BD, KV	5	150	0/0/3	105	E					5					
ARC187	Fundamentals of visual culture				1/0/2												
ARC508	Architectural color and lighting	BD, KV	5	150	2/0/1	105	E					5					
ARC578	Light and color organization of the environment				1/0/2												
ARC527	Professional Modeling in Design IV	BD, KV	6	180	0/0/3	120	E						6				
ARC543	Digital Modeling II				0/0/3												
ARC528	Professional modeling in V design	BD, KV	5	150	0/0/3	105	E							5			
ARC530	Digital Modeling III				0/0/3												
M-9. Technological module																	

ARC544	Typology of the architectural environment	BD, VK	6	180	2/0/1*	120	E						6					
ARC546	Modern design	BD, VK	6	180	2/0/1*	120	E											6
ARC547	Construction of design objects	BD, VK	6	180	2/0/1*	120	E										6	
ARC183	Modern materials in design	BD, KV	5	150	2/0/1	105	E							5				
ARC575	Special interior equipment				0/0/3													
ARC531	Interior design	BD, KV	5	150	1/0/2	105	E								5			
ARC461	Ergonomics				2/0/1													
ARC567	Dendrology	BD, KV	5	150	2/0/1	105	E							5				
ARC554	Urban environment equipment				2/0/1													
ARC463	Design and advertising technologies	BD, KV	5	150	2/0/1	105	E							5				
ARC457	Print design				1/0/2													
ARC574	Design of hydraulic structures in an urban environment	BD, KV	5	150	0/0/3	105	E								5			
ARC462	Urboecology				2/0/1													
ARC129	Landscape architecture	BD, KV	5	150	1/0/2	105	E								5			
ARC186	Landscape design				2/0/1													
AAP401	Educational practice	BD, VK	3						3									
CYCLE OF PROFILING DISCIPLINES (PD)																		
M-10. Design preparation module																		
ARC509	Integrated design I	PD, VK	5	150	0/0/3*	105	E					5						
ARC510	Integrated Design II	PD, VK	5	150	0/0/3*	105	E					5						
ARC440	Integrated Design III	PD, VK	5	150	0/0/3*	105	E						5					
ARC441	Integrated Design IV	PD, VK	5	150	0/0/3*	105	E						5					
ARC442	Integrated Design V	PD, VK	5	150	0/0/3*	105	E							5				
ARC443	Integrated Design VI	PD, VK	5	150	0/0/3*	105	E							5				
ARC444	Integrated Design VII	PD, VK	5	150	0/0/3*	105	E								5			
ARC445	Integrated Design VIII	PD, VK	5	150	0/0/3*	105	E								5			
ARC566	Undergraduate project	PD, KV	5	150	0/0/3	105	E									5		
ARC127	Complex project I				0/0/3													
ARC137	Pre-project analysis	PD, KV	5	150	0/0/3	105	E									5		
ARC128	Complex project II				0/0/3													
ARC406	Construction documentation	PD, KV	5	150	0/0/3	105	E									5		
ARC483	Energy efficient design				1/0/2													
M-11. Training module																		
ARC132	Basics of BIM technologies	PD, VK	5	150	0/0/3*	105	E											5
ARC580	Methodology for designing architectural objects	PD, VK	4	120	1/0/2*	75	E											4
ARC532	Technology of architectural	PD, KV	4	120	1/0/2	75	E						4					
ARC533	Design layout and color				2/0/1													
ARC534	Renovation of public spaces	PD, KV	6	180	2/0/1	120	E											6
ARC548	Equipment for recreational urban areas				0/0/3													
ARC491	Production of design objects	PD, KV	5	150	0/0/3	105	E								5			
ARC582	Package design				1/0/2													
ARC489	regional design	PD, KV	5	150	1/0/2	105	E									5		
ARC535	Ethnocultural artistic traditions in design				2/0/1													
ARC583	Conceptual design	PD, KV	5	150	0/0/3	105	E									5		
ARC536	Aesthetics in design				0/0/3													
AAP143	Production practice I	PD, VK	2								2							
AAP183	Production practice II	PD, VK	3										3					
M-12. Final assessment module																		
ECA108	Final examination	IA	8															8
M-13. Module of additional types of training																		
AAP500	Military training	DVO	0															
	Total for UNIVERSITY:							30	30	30	30	31	29	30	30	31	29	
								60		60		60		60		60		

Number of credits for the entire period of study					
Cycle code	Cycles of disciplines	Credits			
		required	university component	optional	total
OOD	Cycle of general education disciplines	51	5		56
DB	Cycle of basic disciplines		66	62	236
PD	Cycle of major disciplines		54	31	
	Total for theoretical training:	**51**	**125**	**93**	**269**
IA	final examination	8			8
	TOTAL:	**59**	**125**	**93**	**277**

The decision of the Academic Council of KazNITU named after. K. Satpaeva. Minutes No. 5 dated November 24, 2022

The decision of the Educational and Methodological Council of KazNITU named after. K. Satpaeva. Minutes No. 3 dated November 17, 2022

Decision of the Academic Council of the Institute _____. Protocol No. 2 dated "4" 10 20 22

Vice-Rector for Academic Affairs _____ **Zhautikov B.A.**

Director of the Institute of A&S them. T. _____ **Kuspangaliyev B.U.**

Head of the Department _____ **Sultanova K.R.**

Chairman of the Council from _____ **Mametov A.A.**