



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 07.03.01

Educational Programme "Architecture"

Implementing unit: факультет Санкт-Петербургская школа дизайна, HSE - Saint Petersburg

Years of Study: 2025/2026 - 2029/2030

APPROVED

28.04.2025

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Length of Programme: 5 years

Mode of Study: Full Time

Degree: Bachelor's degree

Block Code	Course	Subject type	Credits	Credits by Years					Planned Educational Programme Development Results
				1	2	3	4	5	
	Degree Programme		300,00	60,00	60,00	60,00	60,00	60,00	
	Major		137,00	10,00	42,00	33,00	40,00	12,00	
	Core Professional Block (Major)		83,00	10,00	26,00	21,00	14,00	12,00	
1	History of classical art	C	5,00	5,00					GPC-1, GPC-2, GPC-3, PC-3, UC-1, UC-2, UC-5
2	History and theory of design. Contemporary art	C	5,00	5,00					GPC-1, GPC-2, GPC-3, PC-3, UC-1, UC-2, UC-5
3	History of Architecture and Design. Basic Course	C	5,00		5,00				GPC-1, GPC-2, GPC-3, PC-3, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
4	History of Architecture and Design. Specialization	C	5,00			5,00			GPC-1, GPC-2, GPC-3, PC-3, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
5	Analysis of an Architectural Monument	C	6,00				6,00		GPC-1, GPC-2, GPC-3, PC-3, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
6	Building Physics	C	8,00			8,00			GPC-2, PC-1, UC-1, UC-2
7	Architectural Materials Science	C	8,00			8,00			GPC-2, PC-1, UC-1, UC-2
8	Building Structures	C	8,00		8,00				GPC-1, GPC-5, PC-1, PC-4, UC-1, UC-2, UC-3
9	Fundamentals of Engineering Graphics	C	5,00		5,00				GPC-5, PC-2, PC-4, UC-1, UC-2
10	Construction Economics	C	4,00				4,00		GPC-2, GPC-3, PC-3, UC-1, UC-10, UC-11, UC-2, UC-9
11	Legal Basics for Architectural Practice	C	4,00					4,00	GPC-2, GPC-3, PC-3, UC-1, UC-2
12	Urban Sociology	C	4,00				4,00		GPC-2, GPC-3, PC-3, UC-1, UC-2
13	Project Management Methodologies (offered in a foreign language)	C	3,00					3,00	GPC-2, GPC-3, PC-1, PC-3, UC-1, UC-10, UC-11, UC-2, UC-9
14	Computer-automated Design	C	8,00		8,00				PC-1, PC-2, PC-4, PC-5, UC-1, UC-2, UC-3
15	History of Architecture and Design. Visual Studies	C	5,00					5,00	GPC-1, GPC-2, GPC-3, PC-3, PC-4, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
	Elective Professional Block (Major)		54,00		16,00	12,00	26,00		

	Elective Courses		18,00				18,00		
1	Creative Technologies	E	18,00				18,00		GPC-1, GPC-5, PC-2, PC-4, PC-6, UC-1, UC-2, UC-3
2	Modern Technology in Architecture	E	18,00				18,00		GPC-1, GPC-5, PC-2, PC-4, PC-6, UC-1, UC-2, UC-3
	Variable part of the profile		36,00		16,00	12,00	8,00		
1	Special technologies	C	16,00		16,00				GPC-1, GPC-5, PC-1, PC-4, UC-1, UC-2, UC-3
2	Applied application of generative neural networks in creative industries and industrial design	C	3,00				3,00		GPC-5, PC-2, UC-1, UC-2, UC-6
3	Geodesy and Cartography	C	3,00			3,00			GPC-1, PC-2, PC-6, UC-1, UC-2
4	Construction Equipment	C	3,00			3,00			GPC-4, PC-1, PC-2, PC-4, PC-5, UC-1, UC-2
5	Construction Mechanics	C	3,00			3,00			GPC-1, GPC-5, PC-1, PC-4, UC-1, UC-2, UC-3
6	Working with texts (offered in a foreign language)	C	8,00			3,00	5,00		PC-3, PC-4, UC-1, UC-4
	Internship		115,00	38,00		13,00	20,00	44,00	
	Fixed		106,00	38,00		13,00	20,00	35,00	
	Professional Internship		15,00					15,00	
1	Industrial Practice	C	15,00					15,00	PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6, UC-8
	Educational Internship		3,00			3,00			
1	Geodesic Internship	C	3,00			3,00			GPC-2, GPC-4, PC-2, PC-6, UC-1, UC-2
	Practical project preparation		88,00	38,00		10,00	20,00	20,00	
1	Art Practice	C	10,00	10,00					PC-1, PC-2, PC-4, PC-5, PC-6, UC-1, UC-2, UC-3
2	Fundamentals of Architectural Design	C	28,00	28,00					PC-4, PC-5, PC-6, UC-1, UC-2, UC-3
3	The Design Is Special. Architecture	C	50,00			10,00	20,00	20,00	PC-1, PC-2, PC-4, PC-5, PC-6, UC-1, UC-2, UC-3
	Free								
	Preparation of the Graduate Thesis		9,00					9,00	
1	Preparation of Graduation Thesis	C	9,00					9,00	GPC-1, GPC-2, GPC-3, GPC-4, GPC-5, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6, UC-7, UC-8, UC-9
	General Courses		14,00	9,00	5,00				
	Core General Courses		2,00	1,00	1,00				
1	Safe Living Basics	C	1,00	1,00					UC-1, UC-10, UC-11, UC-2, UC-4
2	Physical Training	C	1,00		1,00				UC-7, UC-8
	Optional General Courses		12,00	8,00	4,00				
1	Russian History	C	4,00		4,00				UC-1, UC-10, UC-2, UC-5
2	Foundations of Russian Statehood	C	2,00	2,00					UC-1, UC-10, UC-2, UC-5
3	Economics	C	3,00	3,00					UC-1, UC-10, UC-2, UC-5
4	Legal Literacy	C	3,00	3,00					UC-1, UC-10, UC-2, UC-5
	Minor		20,00		10,00	10,00			
1	Minor	E	20,00		10,00	10,00			UC-1, UC-10, UC-2, UC-3, UC-4, UC-5

	Language and Communication		1,00					1,00	
	Examinations		1,00					1,00	
1	Independent English Exam (offered in a foreign language)	C							UC-2, UC-6
2	Project Proposal (offered in a foreign language)	C	1,00					1,00	GPC-1, GPC-2, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6, UC-7, UC-8
3	Independent Russian Exam	C							UC-2, UC-6
4	English Language Integrative Exam (offered in a foreign language)	C							UC-2, UC-6
	Optional Courses								
1	English Language (offered in a foreign language)	O	14,00	8,00	6,00				UC-2, UC-6
2	Academic English Writing (offered in a foreign language)	O	2,00					2,00	UC-2, UC-6
	Data Culture		10,00	3,00	3,00	4,00			
1	Independent Digital Literacy Test	C							UC-1, UC-2, UC-6, UC-8
2	External Examinations on Digital Skills. Entry-level	C							UC-1, UC-2, UC-6, UC-8
3	External Examinations on Digital Skills. Intermediate Level	C							UC-1, UC-2, UC-6, UC-8
4	External Examinations on Digital Skills. Final Level	C							UC-1, UC-2, UC-6, UC-8
5	Data Analysis in Python	C	3,00			3,00			UC-1, UC-2, UC-6, UC-8
6	Python Programming Language	C	3,00		3,00				UC-1, UC-2, UC-6, UC-8
7	Independent Programming Test. Elementary	C							UC-1, UC-2, UC-6, UC-8
8	Data Science, AI and Generative Models Independent Test. Elementary	C	1,00			1,00			UC-1, UC-2, UC-6, UC-8
9	Digital Literacy	C	3,00	3,00					UC-1, UC-2, UC-6, UC-8
	Final State Certification (FSC)		3,00					3,00	
	Thesis Work		3,00					3,00	
1	Presenting of Graduation Thesis	C	3,00					3,00	GPC-1, GPC-2, GPC-3, GPC-4, GPC-5, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6, UC-7, UC-8, UC-9
	State Examinations								

Curriculum agreed:

Academic Supervisor	Малич К.А.	18.04.2025
Dean		21.04.2025
Deputy Director	KUZMIN P.V.	21.04.2025
Head of Centre for Educational Model Design	LEPESHKIN I.A.	25.04.2025

* Subject type:

Compulsory course

C

Elective course

E

Optional course

O