

Curriculum for the Bachelor's Degree in BA 60730100 - Architecture

1 semester	2 semester	3 semester	4 semester	5 semester	6 semester	7 semester	8 semester
Math1M16 – Mathematics 2.5 lectures, 2.5 practice sessions 6 ECTS	Phys2M26 – Physics 2 lectures, 1.5 practice sessions, 1.5 labs 6 ECTS	Math3M36 – Mathematics 2.5 lectures, 2.5 practice sessions 6 ECTS	MatResM46 – Strength of Materials 2 lectures, 2 practice sessions, 1 lab 6 ECTS	AD1M56 – Architectural Design (Residential Buildings) 5 practice sessions 6 ECTS	AD2M66 – Architectural Design (Public Buildings) 5 practice sessions 6 ECTS	RRAMM76 – Restoration and Reconstruction of Architectural Monuments 0.5 lecture, 4.5 practice sessions 6 ECTS	LA2M86 – Landscape Architecture (Multi-functional Parks) 0.5 lecture, 4.5 practice sessions 6 ECTS
Phys1M16 – Physics 2 lectures, 3 practice sessions 6 ECTS 6 ECTS	Math2M26 – Mathematics 2.5 lectures, 2.5 practice sessions 6 ECTS	Phys3M36 – Physics 0.5 lecture, 4 practice sessions, 0.5 lab 6 ECTS	GeodM44 – Geodesy 0.5 lecture, 2.5 practice sessions 4 ECTS	HTA1M56 – History and Theory of Architecture (World Architecture) 2 lectures, 3 practice sessions 6 ECTS	HTA2M66 – History and Theory of Architecture (Central Asian Architecture) 2 lectures, 3 practice sessions 6 ECTS	LA1M76 – Landscape Architecture (Thematic Parks) 0.5 lecture, 4.5 practice sessions 6 ECTS	ELSIM86 – Engineering Landscaping and Street Interior 1 lecture, 4 practice sessions 6 ECTS
DGIG1M14 – Engineering and Computer Graphics 1 lecture, 2 practice sessions 4 ECTS	DGIG2M24 – Engineering and Computer Graphics 3 practice sessions 4 ECTS	ElectrM36 – Electrical Engineering 2 lectures, 1.5 practice sessions, 1.5 labs 6 ECTS	BMM44 – Construction Materials and Products 0.5 lecture, 1.5 practice sessions, 1 lab 4 ECTS	ACM56 – Architectural Structures / CAMM56 – Construction of Architectural Monuments / WCTM56 – Wooden Structures 5 practice sessions 6 ECTS	6 ECTS TBSM64 – Typology of Buildings and Structures / ABM64 – Architectural Bionics / DPSTM64 – Dynamics and Stability of Structures 0.5 lecture, 2.5 practice sessions 4 ECTS	ERBSSSM74 – Seismic Resistance and Earthquake Resilience of Buildings and Structures 0.5 lecture, 2.5 practice sessions 4 ECTS	AMM86 – Architectural Modeling / ADSMM86 – Architectural Details and Structural Modeling / MLEEM86 – Modeling of Landscape and Environmental Elements 5 practice sessions 6 ECTS
GChemM16 – General Chemistry 2 lectures, 2 practice sessions, 1 lab 6 ECTS 6 ECTS	ITM25 – Information Technology 2 lectures, 2 labs 5 ECTS	ApplMechM34 – Theoretical Mechanics 1.5 lectures, 1.5 practice sessions 4 ECTS	PBPM46 – Business Process Design / EconM46 – Economics / BAM46 – Business Analysis 2.5 lectures, 3.5 practice sessions 6 ECTS	BIMTDM54 – BIM Technologies in Design / CPDM54 – Computer Software in Design / DAPMM54 – Digital Architecture and Parametric Modeling 3 practice sessions	DIBM64 – Design of Industrial Buildings / DABM64 – Design of Agricultural Buildings / EEBEM64 – Energy-Efficient Building Engineering 3 practice sessions	EEBM74 – Engineering Equipment of Buildings / WSSSM74 – Water Supply and Sewerage Systems / BHGSVM74 – Fundamentals of Heating, Gas Supply, and Ventilation 0.5 lecture, 2.5 practice sessions	EWCM84 – Construction Cost Estimation / CPOM84 – Construction Management and Planning / TCPTM84 – Construction Process Technology 0.5 lecture, 2.5 practice sessions

	5 ECTS	4 ECTS	6 ECTS	sessions 4 ECTS	4 ECTS	sessions 4 ECTS	sessions 4 ECTS
FLEM18 – English / FLGM18 – German 6 practice sessions 8 ECTS	RLM24/ULM24 – Russian Language/Uzbek Language 3 practice sessions 4 ECTS	FACD1M34 – Fundamentals of Architectural Composition and Design / AFVSA1M34 – Analysis of Architectural Forms and Spatial Volumes / CATUP1M34 – Composition Approaches in Urban Planning 3 practice sessions 4 ECTS	FACD2M44 – Fundamentals of Architectural Composition and Design / AFVSA2M44 – Analysis of Architectural Forms and Spatial Volumes / CATUP2M44 – Composition Approaches in Urban Planning 3 practice sessions 4 ECTS	IDM54 – Interior and Design / EPDM54 – Environmental Psychology for Designers / HIDM54 – Cultural Heritage Interior Design 0.5 lecture, 2.5 practice sessions 4 ECTS	BCM64 – Building Structures / RCSSM64 – Reinforced Concrete and Masonry Structures / MSTM64 – Metal Structures 0.5 lecture, 2.5 practice sessions 4 ECTS	DCDMBM74 DCDMBM74 – Design of City and District Master Plans / DRMPM74 – Development of Territorial Master Plans / TMRCCM74 – Transformation and Modern Reconstruction of City Centers 3 practice sessions 4 ECTS	
	PhylM25 – Philosophy 2 lectures, 2 practice sessions 5 ECTS	DPAM34 – Drawing and Painting in Architecture / DUAMM34 – Ornaments Used in Architectural Monuments / CThM34 – Theory of Colors 3 practice sessions 4 ECTS		AGM54 – Architectural Graphics / ADDPGM54 – Drawing Decoration and Presentation Graphics in Architecture / DACAM54 – Drawing and Composition in Architecture 3 practice sessions 4 ECTS		ADEAIM76 – Architectural Design in the Age of Artificial Intelligence / DDADM76 – Data-Driven Architectural Design / IAADM76 – Interactive Architecture and Adaptive Design 5 practice sessions 6 ECTS	
			QP1M46 – Professional Internship 6 ECTS		QP2M66 – Qualification Internship 6 ECTS		QP3M84 – Practical Training (Internship) 4 ECTS

							FWM84 – Final State Examination / Defense of Graduation Thesis 4 ECTS
7.5 lec. + 15.5 prac. + 1 lab = 24 h./week	8.5 lec. + 13 prac. + 3.5 lab. =25 h./week	6.5 lec. + 15,5 prac. + 2 lab. = 24 h./week	5.5 lec. + 12.5 prac. + 2 lab. = 20 h./week	2.5 lec. + 21.5 prac. = 24 h./week	3 lec. + 16 prac. = 19 h./week	2 lec. + 22 prac. = 24 h./week	2 lec. + 16 prac. = 18 h./week
5 exam	6 exam	6 exam	5 exam 1 practic report	6 exam	5 exam 1 practic report	6 exam	4 exam 1 practic report State attestation
30 ECTS	30 ECTS	30 ECTS	30 ECTS	30 ECTS	30 ECTS	30 ECTS	30 ECTS
Total							
Component by selection 8 ECTS (26,67%)	Component by selection 0 ECTS (0%)	Component by selection 8 ECTS (26,67%)	Component by selection 12 ECTS (40%)	Component by selection 12 ECTS (40 %)	Component by selection 6 ECTS (20%)	Component by selection 12 ECTS (40%)	Component by selection 14 ECTS (46.67%)