

Curriculum for the Bachelor's Degree in BA 60730300 - Civil Engineering

1 semester	2 semester	3 semester	4 semester	5 semester	6 semester	7 semester	8 semester
Math1M16 – Mathematics 2 lectures, 3 practice sessions 6 ECTS	Phys2M26 – Physics 2 lectures, 1 practice session, 1 lab 6 ECTS	Math3M36 – Mathematics 2 lectures, 3 practice sessions 6 ECTS	MatResM46 – Strength of Materials 1 lecture, 2 practice sessions, 2 labs 6 ECTS	AICB1M56 – Architecture of Industrial and Civil Buildings 2 lectures, 3 practice sessions 6 ECTS	AICB2M66 – Architecture of Industrial and Civil Buildings 2 lectures, 3 practice sessions 6 ECTS	AICB3M76 – Architecture of Industrial and Civil Buildings 1 lecture, 4 practice sessions 6 ECTS	RCSS2M84 – Reinforced Concrete and Stone Structures 1 lecture, 3 practice sessions 4 ECTS
Phys1M16 - Physics 2 lec., 3 prac, 6 ECTS	Math2M26 - Mathematics 2 lec., 2 prac. 6 ECTS	Phys3M36 Physics 1 lec., 2 prac., 2 lab. 6 ECTS	HeatEngineer - M44 Thermal engineering 1 lec., 1 prac., 1 lab. 4 ECTS	MechG1M56 - Soil mechanics, foundations and bases 2 lec., 2 prac., 1 lab. 6 ECTS	CM2M66 - Construction mechanics 2 lec., 3 prac. 6 ECTS	RCSS1M76 Reinforced concrete and stone structures 1 lec., 3 prac., 1 lab. 6 ECTS	ERBSM84 Seismic Resistance of Buildings and Structures 1 lec., 3 prac. 4 ECTS
ICG1M14 - Engineering and Computer Graphics 1 lec., 2 prac. 4 ECTS	ICG2M24 - Engineering and Computer Graphics 3 prac. 4 ECTS	ElectrM36 - Electrical equipment 1 lec., 2 prac. 6 ECTS	MS and PQMM44 - "Metrology, standardization and product quality management" 2 lec., 1 prac., 1 lab. 4 ECTS	CM1M56 - Construction mechanics 2 lec., 3 prac. 6 ECTS	MechG2M66 Soil Mechanics, Ground and Foundations 2 lec., 2 prac., 1 lab. 6 ECTS	EEBM76 - Energy-efficient buildings 1 lec., 4 prac. 6 ECTS	CPMET86 – Construction Planning, Management and Economics / OPCT86 – Organization and Planning of Construction / TCSST86 – Technology of Erecting Special Structures 2 lectures, 4 practice sessions 6 ECTS
GChemM16 - General Chemistry 2 lec., 2 prac., 2 lab. 6 ECTS	ITM25 - Information technologies 2 lec., 2 prac. 5 ECTS	ApplMechM34 - Theoretical Mechanics 2 prac. 4 ECTS	PBPT46 Designing business processes / BAT46 - Biznes tahlil 2 lec., 2 prac. 6 ECTS	TCPT56 – Construction Process Technology / WCT56 – wooden Structures / BPPEEBET56 – Building Physics. Energy Efficient Building Engineering 2 lectures, 3	TCBST66 – Technology of Construction and Installation of Buildings and Structures / DPST66 – Structural Dynamics and Stability / CST66 – Building Structures 2 lectures, 3 practice	CTDBST76 – Computer Technologies in the Design of Building Structures / OPCT76 – Automation of the design of buildings and structures / BIMTT76 – BIM Technologies	RBST84 – Reconstruction of buildings and structures / ATCBST84 – Assessment of the technical condition of buildings and structures / TOBST84 – Technical Operation of Buildings and Structures

				practice sessions 6 ECTS	sessions 6 ECTS	s 5 practice sessions 6 ECTS	4 practice sessions 4 ECTS
FLET18 – English Language / FLGT18 – German Language 6 practice sessions 8 ECTS	RLM24/ULM24 – Russian/Uzbek Language 2 lectures, 2 practice sessions 4 ECTS	EGT34 – Engineering Geodesy / EGT34 – Engineering Geology / EEWCT34 – Engineering Survey Work at the Construction Site 1 lecture, 2 practice sessions 4 ECTS	MatResT43 – Construction materials and products / MBMT43 – Modern building materials / MBMST43 – Modern building materials and structures 1 lecture, 1 practice session 3 ECTS	HGSVT56 – Fundamentals of heat, gas supply and ventilation / WSST56 – Water supply and sewerage systems / ECBT56 – Engineering networks of buildings 2 lectures, 3 practice sessions 6 ECTS		MST76 – Metal structures / DCBST76 – Design and construction of buildings and structures / AEPSBST76 – Active earthquake protection systems for buildings and structures 1 lecture, 4 practice sessions 6 ECTS	MEST84 – Urban engineering structures / OCT84 – Estimation work in construction / SRDCIT84 – System of regulatory documents in the field of construction 4 practice sessions 4 ECTS
	PhylM25 – Philosophy 2 lectures, 2 practice sessions 5 ECTS	CBDT34 – Application of computers in building design (AutoCAD) / CBDT34 – Application of computers in building design (Revit) / ICET34 – Introduction to Civil Engineering 1 lecture, 2 practice sessions 4 ECTS	CMT43 – Construction machines / METTM43 – Machines and equipment for technological transportation of materials / TCP43 – Technological complexes in production 1 lecture, 1 practice session 3 ECTS				
			QPM46 – Internship 4 ECTS		QPM66 – Internship 6 ECTS		QPM84 – Practicum 4 ECTS
							FWM84 – Final state attestation / Graduation qualification work

							4 ECTS
7 lec. + 16 prac. + 2 lab. = 25 h./week	10 lec. + 12 prac. + 1 lab. = 23 h./week	8 lec. + 13 prac. + 2 lab. = 23 h./week	8 lec. + 8 prac. + 4 lab. = 20h./week	10 lec. + 14 prac. + 1 lab. = 25 h./week	8 lec. + 11 prac. + 1 lab. = 20 h./week	4 lec. + 20 prac. + 1 lab. = 25 h./week	4 lec. + 18 prac. = 22 h./week
5 exam	6 exam	6 exam	6 exam 1 practic report	5 exam 1 course work 1 course project	4 exam 2 course project 1 practic report	5 exam 1 course project	5 exam 2 course project 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 t 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%)