

O'ZBEKISTON RESPUBLIKASI OLIY TA'LIM FAN VA INNOVATSIYALAR VAZIRLIGI  
SAMARQAND DAVLAT ARXITEKTURA QURILISH UNIVERSITETI



**ISHCHI O'QUV REJA**

Ta'lim yo'nalishi:

60112400- Professional ta'lim: Qurilish muhandisligi (faoliyat turlari bo'yicha)

Professional education: Civil engineering (by type of activity)

Akademik daraja – BAKALAVR

O'qish muddati - 4 yil

Ta'lim shakli – kunduzgi  
2024-2025 o'quv yili 3-kurs

1. Year - Fall Semester

**1. Kurs - Kuzgi Semestr**

Kod	Old Shart	Fan	Course	Le	A	La	K
FIZ1010		Fizika 1	Physics 1	3	0	2	5
GUM4005		Jismoniy tarbiya va ruhiy salomatlik 1	Exercise and Mental Health 1	0	2	0	0
KIM1040		Umumiy kimyo	General Chemistry	3	0	2	5
KRM1010		Qurilish muhandisligiga kirish	Introduction to Civil Engineering	2	0	0	2
KRM1050		Texnik chizmachilik va chizma geometriyasi	Technical Drawing and Descriptive Geometry	2	2	0	4
KTA1140		Ta'linga kirish	Introduction to Education	2	0	0	3
MAT1030		Matematika 1	Mathematics 1	3	2	0	6
ZAD1010		Ingliz tili 1	English I	3	0	0	3
OZDX001		O'zbek Tili	Uzbek Language	2	0	0	2
<b>Jami semestr</b>			<b>Semester Total</b>	<b>20</b>	<b>6</b>	<b>4</b>	<b>30</b>

1. Year - Spring Semester

**1. Kurs - Bahorgi Semestr**

Kod	Old Shart	Fan	Course	Le	A	La	K
FIZ1020		Fizika 2	Physics 2	3	0	2	5
GUM4015		Jismoniy tarbiya va ruhiy salomatlik 2	Exercise and Mental Health 2	0	2	0	0
KRM1020		Muhandislik geologiyasi	Engineering Geology	3	0	0	5
KRM1030		Kompyuter ilmiga kirish	Introductory Computer Sciences	2	2	0	4
KRM1040		Statika	Statics	4	0	0	5
MAT1040		Matematika 2	Mathematics 2	3	2	0	6
ZAD1020		Ingliz tili II	English II	3	0	0	3
OZDX001		O'zbek Tili	Uzbek Language	2	0	0	2
<b>Jami semestr</b>			<b>Semester Total</b>	<b>20</b>	<b>6</b>	<b>2</b>	<b>30</b>

2. Year - Fall Semester

**2. Kurs - Kuzgi Semestr**

Kod	Old Shart	Fan	Course	Le	A	La	K
GEO3140		Topografiya	Topography	3	0	0	4
KRM2070		Materiallarning mustahkamligi 1	Strength of Materials 1	2	2	0	6
KRM2110		Materialshunoslik	Material Science	3	0	0	4
KTA1050		O'quv texnologiyalarining asoslari	Foundations of Instructional Technologies	2	0	0	3
KTA1090		Ta'lim sotsiologiyasi	Educational Sociology	2	0	0	3
KTA1100		Ta'lim falsafasi	Phylosophy of Education	2	0	0	3
KTA1120		Ta'lim psixologiyasi	Psychology of Education	2	0	0	3
KTAX001		Kasbiy Tanlov – 1-1 (Ta'lim antropologiyasi)	Occupational Elective – 1-1 (Anthropology of Education)	2	0	0	4
<b>Jami semestr</b>			<b>Semester Total</b>	<b>20</b>	<b>2</b>	<b>0</b>	<b>30</b>

2. Year - Spring Semester

**2. Kurs - Bahorgi Semestr**

Kod	Old Shart	Fan	Course	Le	A	La	K
KRM2010		Amaliy mashg'ulot 1	Practical Training 1	0	0	0	3

KRM2080		Materiallarning mustahkamligi 2	Strength of Materials 2	2	2	0	5
KRM2100		Tizimli tahlil 1	Structural Analysis 1	2	2	0	5
KRM2120		Qurilish materiallari	Construction Materials	2	0	2	5
KTA2092		Kirish printsiplari va usullari	Introduction Principles and Methods	2	0	0	3
ITFX001		Ijtimoiy Tanlov	Social Elective	3	0	0	3
KRMX007		Kasbiy Tanlov – 5-1 (Qurilish Muhandisligidagi asosiy tushunchalar)	Occupational Elective – 7-1 (Basic Concepts in Civil Engineering)	2	0	0	2
KTAX001		Kasbiy Tanlov – 1-2 (Muzey ta'limi)	Occupational Elective – 1-2 (Museum education)	4	0	0	4
		<b>Jami semestr</b>	<b>Semester Total</b>	<b>17</b>	<b>4</b>	<b>2</b>	<b>30</b>

3. Year - Fall Semester

3. Kurs - Kuzgi Semestr

Kod	Old Shart	Fan	Course	Le	A	La	K
KRM3030		Gruntlar mexanikasi	Soil Mechanics	3	0	2	5
KTA1030		Ta'limda axborot texnologiyalari	Information Technologies in Education	2	2	0	5
KTA2096		Ta'limda tadqiqot usullari	Research Methods in Education	2	0	0	3
KTA2148		Tanqidiy va analitik fikrlash	Critical and Analytical Thinking	2	0	0	4
KTA3070		Sinfni boshqarish	Classroom Management	2	0	0	3
OZT1010		O'zbekiston tarixi 1	History of Uzbekistan 1	2	0	0	2
KRMX008		Kasbiy Tanlov – 3-1	Occupational Elective – 8-1	3	0	0	4
KTAX001		Kasbiy Tanlov – 1-2	Occupational Elective – 1-2	4	0	0	4
		<b>Jami semestr</b>	<b>Semester Total</b>	<b>20</b>	<b>2</b>	<b>2</b>	<b>30</b>

3. Year - Spring Semester

3. Kurs - Bahorgi Semestr

Kod	Old Shart	Fan	Course	Le	A	La	K
GUM3200		Falsafaga kirish	Introduction to Philosophy	2	0	0	2
KRM3020		Poydevor muhandislik	Foundation Engineering	3	0	0	4
KTA2052		O'quv dizayni	Instructional Design	4	0	0	4
KTA2144		Ta'lim tarixi	Education History	2	0	0	4
KTA4030		Texnologiyalarni rejalashtirish va arizalar	Technology Planning and Applications	4	0	0	4
KRMX008		Kasbiy Tanlov – 5-2	Occupational Elective – 8-2	3	0	0	4
KTAX001		Kasbiy Tanlov – 1-3	Occupational Elective – 1-3	4	0	0	4
KRMX008		Occupational Elective – 5-3	Occupational Elective – 8-3	3	0	0	4
		<b>Jami semestr</b>	<b>Semester Total</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>30</b>

4. Year - Fall Semester

4. Kurs - Kuzgi Semestr

Kod	Old Shart	Fan	Course	Le	A	La	K
KRM4470		Qurilishni boshqarish	Construction Management	2	2	0	3
KRM4490		Mehnatni muhofaza qilish va xavfsizlik 1	Occupational Health and Safety 1	2	0	0	2
KTA2184		Barqaror rivojlanish va ta'lim	Sustainable Development and Education	2	0	0	4
KTA3050		Ochiq va masofaviy o'qitish	Open and Distance Learning	4	0	0	3
KTA3080		Ta'lim sohasidagi axloq va axloq	Morality and Ethics in Education	2	0	0	3
KTA3090		Ta'limni o'lchash va baholash	Measurement and Evaluation in Education	2	0	0	3
KRMX017		Kasbiy Tanlov – 4-1	Occupational Elective – 17-1	3	0	0	4
KTAX001		Kasbiy Tanlov – 1-4	Occupational Elective – 1-4	4	0	0	4
KRMX017		Kasbiy Tanlov – 4-2	Occupational Elective – 17-2	3	0	0	4
		<b>Jami semestr</b>	<b>Semester Total</b>	<b>24</b>	<b>2</b>	<b>0</b>	<b>30</b>

4. Year - Spring Semester

4. Kurs - Bahorgi Semestr

Kod	Old Shart	Fan	Course	Le	A	La	K
KRM4500		Mehnatni muhofaza qilish va xavfsizlik 2	Occupational Health and Safety 2	2	0	0	2

KTA4050	O'qitish amaliyoti 1	Teaching Practice 1	2	6	0	10
KTA4070	Maktablarda rahbarlik	Guidance at Schools	2	0	0	3
ITFX001	Ijtimoiy Tanlov	Social Elective	3	0	0	3
KRMX018	Kasbiy Tanlov – 5-1	Occupational Elective – 18-1	3	0	0	4
KRMX018	Kasbiy Tanlov – 5-2	Occupational Elective – 18-2	3	0	0	4
KTAX001	Kasbiy Tanlov – 1-5	Occupational Elective – 1-5	4	0	0	4
	<b>Jami semestr</b>	<b>Semester Total</b>	<b>19</b>	<b>6</b>	<b>0</b>	<b>30</b>

O'zbek tili

Uzbek language

Kod	Old Shart	Fan	Course	Le	A	La	K
OZD1010		O'zbek tili 1	Uzbek Language 1	2	0	0	2
OZD1020		O'zbek tili 2	Uzbek Language 2	2	0	0	2
OZD2210		O'zbek tilini o'qitish bo'yicha adabiy matnlar	Uzbek Language Teaching Literary Texts	2	0	0	2
OZD2230		O'zbek tili tarixi	Uzbek Language History	2	0	0	2
OZD2240		Amaliy san'at	The Art of Applied	2	0	0	2
OZD4010		Samarali aloqa va taqdimot ko'nikmalari	Effective Communication and Presentation Skills	2	0	0	2
OZD4020		Nutq uslubi	Speech Techniques and Elocution	2	0	0	2
OZD4030		Notiqlik va diksiya	Oratory and Diction	2	0	0	2
OZD4040		O'zbek hikoyasi va roman	Uzbek Story and Novel	2	0	0	2
OZD4050		Akademik o'zbek tili	Academic Uzbek	2	0	0	2

Occupational Elective – 1

Kasbiy Tanlov - 1

Kod	Old Shart	Fan	Course	Le	A	La	K
KTA2112		Ta'lim antropologiyasi	Anthropology of Education	2	0	0	4
KTA2116		Ta'lim bo'yicha drama	Drama in Education	2	0	0	4
KTA2120		Ta'limda o'quv dasturlarini ishlab chiqish	Curriculum Development in Education	2	0	0	4
KTA2124		Xarakter va qadriyatlar	Character and Values Education	2	0	0	4
KTA2128		Qiyosiy ta'lim	Comparative Education	2	0	0	4
KTA2132		Muzey ta'limi	Museum Education	2	0	0	4
KTA2136		Maktabdan tashqari o'qitish muhiti	Out-of-School Learning Environments	2	0	0	4
KTA2152		Kasalxonaga yotqizilgan bolalarni o'qitish	Education of Hospitalized Children	2	0	0	4
KTA2156		Mikro darslik	Micro Teaching	2	0	0	4
KTA2160		O'qish murakkabligi	Learning Difficulty	2	0	0	4
KTA2164		Ta'lim berish va o'qitishni moslashtirish	Individualization and Adaptation of Teaching	2	0	0	4
KTA2168		Ta'lim bo'yicha loyihani tayyorlash	Preparing Project in Education	2	0	0	4

Occupational Elective - 2

Kasbiy Tanlov - 2

Kod	Old Shart	Fan	Course	Le	A	La	K
KRM2020		Qurilish Muhandisligidagi asosiy tushunchalar	Basic Concepts in Civil Engineering	2	0	0	2
KRM2030		Qurilish muhandislari uchun atamalar	Terminology for Civil Engineers	2	0	0	2
ZAD2010		Ingliz tilida o'qish va gapirish	Reading and Speaking in English	2	0	0	2
ZAD3010		Biznes Ingliz tili	Business English	2	0	0	2
KRM2020		Qurilish Muhandisligidagi asosiy tushunchalar	Basic Concepts in Civil Engineering	2	0	0	2
KRM2030		Qurilish muhandislari uchun atamalar	Terminology for Civil Engineers	2	0	0	2
ZAD2010		Ingliz tilida o'qish va gapirish	Reading and Speaking in English	2	0	0	2
ZAD3010		Biznes Ingliz tili	Business English	2	0	0	2

## Occupational Elective – 3

## Kasbiy Tanlov – 3

Kod	Old Shart	Fan	Course	Le	A	La	K
ATM1020		Yozish va og'zaki taqdimot usullari haqida xabar berish	Report Writing and Oral Presentation Techniques	3	0	0	4
ATM1030		Suvni tozalash texnikasi	Water Treatment Techniques	3	0	0	4
ATM4360		Chiqindilarni boshqarish va qayta ishlash	Waste management and recycling	2	0	0	4
ATM4410		Integratsiyalangan suv havzasi boshqaruvi	Integrated Watershed Management	2	0	0	4
BIZ4110		Boshqaruvda qaror qabul qilish	Decision Making in Management	3	0	0	4
GEO3250		GAT va ma'lumotlar bazasini boshqarish	GIS and Database Management	3	0	0	4
GEO4230		Muhandislar uchun geografik ma'lumotlar tizimlari	Geographic Information Systems for Engineers	3	0	0	4
GEO4310		Masofadan zondlash tizimiga kirish	Introduction to Remote Sensing	3	0	0	4
KIM4510		Loyihalarni boshqarish va texnik-iqtisodiy asoslash	Project Management and Feasibility Study	3	0	0	4
KIM4520		Yangi va qayta tiklanadigan energiya tizimlarini loyihalash	Design of New and Renewable Energy Systems	3	0	0	4
KRM3270		Muhandislik iqtisodiyoti	Engineering Economy	3	0	0	4
KRM3280		Tarixiy binolarning tabiatni muhofaza qilish tamoyillari	Conservation Principles of Historic Buildings	3	0	0	4
MAT2200		Ma'lumotni boshqarish va fayl tuzilmalari	Data Management And File Structures I	3	0	0	4
MAT4340		Operatsion tadqiqotlar	Operational Research	3	0	0	4
MAT4350		Optimallashtirish usullari	Optimization Techniques	3	0	0	4
TMF4302		Mehnat qonunchiligi	Labor Law	3	0	0	4

## Occupational Elective – 4

## Kasbiy Tanlov – 4

Kod	Old Shart	Fan	Course	Le	A	La	K
KRM3040		Yerni to'ldirish va chuqur qazish ishlari	Earth Fills and Deep Excavations	3	0	0	4
KRM3120		Qurilishda tizim tahlili	Systems Analysis in Civil Engineering	3	0	0	4
KRM3190		Tekshiruv element usuliga kirish	Introduction to Finite Element Method	3	0	0	4
KRM3200		Yog'och tuzilmalari	Timber Structures	3	0	0	4
KRM3220		Kengaytirilgan beton texnologiyasi	Advanced Concrete Technology	3	0	0	4
KRM3230		Barqaror qurilish materiallari	Sustainable Construction Materials	3	0	0	4
KRM3240		Kompyuter yordamida chizich	Computer Aided Drawing	3	0	0	4
KRM3250		Qurilish loyihalarida nufuzli modellashtirish	Building Information Modeling in Construction Projects	3	0	0	4
KRM3260		Tuzilish texnologiyalari	Structure Technologies	3	0	0	4

## Occupational Elective – 5

## Kasbiy Tanlov - 5

Kod	Old Shart	Fan	Course	Le	A	La	K
KRM3180		Ko'priklar	Bridges	3	0	0	4
KRM4020		Geotexnika dasturlari	Geotechnical Applications	3	0	0	4
KRM4030		Geotexnik zilzilasi muhandisligi	Geotechnical Earthquake Engineering	3	0	0	4
KRM4040		Geoekologik Muhandislik	Geoenvironmental Engineering	3	0	0	4
KRM4290		temir-beton ko'p qavatli inshootlar	Reinforced Concrete Multistorey Structures	3	0	0	4
KRM4420		Qurilishlarda suv izolatsiyasi	Water Insulation in Constructions	3	0	0	4
KRM4440		Beton chidamliligi	Concrete Durability	3	0	0	4
KRM4460		Qurilish texnikasi	Construction Machinery	3	0	0	4
KRM4480		Loyihani boshqarish va rejalashtirish	Project Management and Planning	3	0	0	4

## Social Choice


## Ijtimoiy tanlov

Kod	Old Shart	Fan	Course	Le	A	La	K
YTO'RK 1		Yangi tahrirdagi O'zbekiston Respublikasining Konstitutsiyasi	The new version of the Constitution of the Republic of Uzbekistan	3	0	0	3
YI 1		Yashil iqtisodiyot	Green economy	3	0	0	3

KNM 1		Kasbiy nutq madaniyati	Professional speech culture	3	0	0	3
ARX1110		San'at tarixi va arxitekturaga kirish	Introduction to History of Art and Architecture	3	0	0	3
ARX2150		Arxeologiya	Archeology	3	0	0	3
ARX2160		Arxitektura tarixi	History of Architecture	3	0	0	3
BIZ2160		Logistika menejmenti asoslari	Fundamentals of Logistics Management	3	0	0	3
BIZ2180		Bevosita marketing	Direct Marketing	3	0	0	3
GEO2160		Geomatik muhandislik fanining tarixi	History of Geomatic Engineering Science	3	0	0	3
GRA4090		Eksperimental tipografiya	Experimental Typography	3	0	0	3
GUM1060		Fotosuratning texnikasi	Techniques Of Photography	3	0	0	3
GUM1070		Grafik media-dizayn vositalari	Graphic Media Design Tools	3	0	0	3
GUM2152		Ilmiy tarix	History of Science	3	0	0	3
GUM2168		Demokratiya madaniyat tamoyillari va institutlari	Democracy Culture Principles and Institutions	3	0	0	3
GUM2500		Maxsus ta'lim	Special Education	3	0	0	3
GUM3196		Sotsiologiya	Sociology	3	0	0	3
GUM3200		Falsafaga kirish	Introduction to Philosophy	2	0	0	2
GUM3216		Zamonaviy jamiyatda aloqa	Communication in Contemporary Society	3	0	0	3
GUM3224		Psixologiyaga kirish	Introduction to Psychology	3	0	0	3
GUM3228		Madaniy tadqiqotlar va o'ziga xoslik	Cultural Studies and Identity	3	0	0	3
GUM3236		Jinoyatchilik va jazo: kriminologik nuqtai nazar	Crime and Punishment: Criminological Perspective	3	0	0	3
GUM3240		Iqtisodiy jinoyatlar	Economic Crimes	3	0	0	3
GUM3244		Atrof muhit va ekologiya	Environment and Ecology	3	0	0	3
GUM3248		San'at tarixi	History of Art	3	0	0	3
GUM3252		Madaniyatlar tarixi	History of Civilizations	3	0	0	3
GUM3260		Inson huquqlari	Human Rights	3	0	0	3
GUM3264		Siyosiy falsafa	Political Philosophy	3	0	0	3
GUM3268		Ta'lim falsafasi	Philosophy of Education	3	0	0	3
GUM3276		Yozish texnologiyasi	Technics Of Writing	3	0	0	3
GUM4010		Tennis texnik va taktik ta'lim	Tennis Technic and Tactic Education	3	0	0	3
GUM4020		Asosiy suzish texnikasini o'rgatish	Education of Fundamental Swimming Techniques	3	0	0	3
GUM4180		Arxitektura tarixi	History of Architecture	3	0	0	3
KIM2020		Fan tarixi	History of Science	3	0	0	3
KRM2090		Yo'l harakati xavfsizligi	Traffic Safety	3	0	0	3
KTA2104		Inson resurslarini boshqarish	Human Resources Management	3	0	0	3
KTA2692		O'zbekiston geografiyasi va geosiyosat	Geography and geopolitics of Uzbekistan	3	0	0	3
KTA4090		Ta'limni boshqarish	Education management	3	0	0	3
MEH1010		Mehnat qonuni	Labor Law	3	0	0	3
MEH1020		Kasbiy salomatlik va xavfsizlik to'g'risidagi qonun	Occupational Health and Safety Law	3	0	0	3
MEM4130		Kulolchilik	Ceramics	3	0	0	3
OZD2210		O'zbek tilini o'qitish bo'yicha adabiy matnlar	Uzbek Language Teaching Literary Texts	2	0	0	2
OZD2230		O'zbek tili tarixi	Uzbek Language History	2	0	0	2
OZD2240		Amaliy san'at	The Art of Applied	2	0	0	2
OZD4010		Samarali aloqa va taqdimot ko'nikmalari	Effective Communication and Presentation Skills	2	0	0	2
OZD4020		Nutq uslubi	Speech Techniques and Elocution	2	0	0	2
OZD4030		Notiqlik va diksiya	Oratory and Diction	2	0	0	2
OZD4040		O'zbek hikoyasi va roman	Uzbek Story and Novel	2	0	0	2
OZD4050		Akademik o'zbek tili	Academic Uzbek	2	0	0	2
SAN2100		Madaniyat menejmenti 2	Cultural management and its Agents 2	3	0	0	3
TMF4382		Inotatsiya va tadbirkorlik	Innovation and Entrepreneurship	3	0	0	3

URB2040	Shahar iqtisodiyoti	Urban Economics	3	0	0	3
URB2090	Shahar sotsiologiyasi	Urban Sociology	3	0	0	3
ZAD4010	Nemis tilidagi ko'nikmalarga kirish	Introduction to German Language Skills	3	0	0	3
ZAD4020	Nemis tili ko'nikmalari	German Language Skills	3	0	0	3
ZAD4030	Ilg'or nemis tili	Advanced German	3	0	0	3
ZAD4040	Nemis tilida o'qish va gapirish	Reading & Speaking in German	3	0	0	3
ZAD4050	Biznes nemis tili	Business German	3	0	0	3

Strategik rivojlantirish bo'yicha  
birinchi prorektori

 J. Qayumov

Yoshlar masalalari va ma'naviy-ma'rifiy  
ishlar bo'yicha birinchi prorektor

 Sh. B. Usobov

O'quv ishlari bo'yicha prorektor

 M. T. Shodmurodov

Talabalar bo'lim boshlig'i

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