

**O'ZBEKISTON RESPUBLIKASI OLIY TA'LIM, FAN VA INNOVATSIYALAR VAZIRLIGI  
MIRZO ULUG'BEK NOMIDAGI SAMARQAND DAVLAT ARHITEKTURA QURILISH UNIVERSITETI**



**ISHCHI O'QUV REJA**  
Ta'lim yo'nalishi:  
**61020300-Mehnat muhofazasi va  
salomatlik muhandisligi**  
*Labor protection and Health  
Engineering*

Akademik daraja – BAKALAVR  
O'qish muddati - 4 yil  
Ta'lim shakli – kunduzgi  
2024-2025 o'quv yili 2-kurs

**1-Semestrda auditoriya mashg'ulotlari haftalarining soni (15-hafta)**

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 geometriya	Technical Drawing and Descriptive Geometry	2	2	0	4
MAT1030		Matematika 1	Mathematics 1	3	2	0	6
MEH1161		Birinchi yordam	First Aid	1	2	0	3
ZAD1010		Ingliz tili 1	English 1	3	0	0	3
OZDX001		O'zbek Tili	Uzbek Language	2	0	0	2
<b>Jami semestr</b>			<b>Semester Total</b>	<b>19</b>	<b>8</b>	<b>4</b>	<b>30</b>

**1. Year - Spring Semester**

**1. Kurs - Bahorgi Semestr**

**2-Semestrda auditoriya mashg'ulotlari haftalarining soni (15-hafta)**

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 2	English 2	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**

**3-Semestrda auditoriya mashg'ulotlari haftalarining soni (15-hafta)**

Kod	Old Shart	Fan	Course	Le	A	La	K
GEO3140		Topografiya	Topography	3	0	0	4
KRM2070		Materiallar mustahkamligi 1	Strength of Materials 1	2	2	0	6
KRM2110		Materialshunoslik	Material Science	3	0	0	4
MEH1020		Mehnatni muhofaza qilish va xavfsizlik to'g'risidagi qonun	Occupational Health and Safety Law	3	0	0	3
MEH1030		Xavfni boshqarish va baholash	Risk Management and Assessment	3	0	0	3
MEH1040		Ishlab chiqarishdagi baxtsiz hodisalar va himoya qilish usullari	Occupational Accidents and Protection Techniques	2	0	0	2
TMF4302		Mehnat qonuni	Labor Law	3	0	0	4
MEHX001		Kasbiy Tanlov – 1-1	Occupational Elective – 1-1	3	0	0	4
<b>Jami semestr</b>			<b>Semester Total</b>	<b>22</b>	<b>2</b>	<b>0</b>	<b>30</b>

**2. Year - Spring Semester**

**2. Kurs - Bahorgi Semestr**

**4-Semestrda auditoriya mashg'ulotlari haftalarining soni (15-hafta)**

Kod	Old Shart	Fan	Course	Le	A	La	K
KRM2010		Amaliy mashg'ulot 1	Practical Training 1	0	0	0	3
KRM2080		Materiialarning 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
MEH2010		Kasbiy Psixologiya	Occupational Psychology	2	0	0	3
ITFX001		Ijtimoiy Tanlov	Social Elective	3	0	0	3
MEHX001		Kasbiy Tanlov – 1-2	Occupational Elective – 1-1	3	0	0	4
MEHX005		Kasbiy Tanlov – 5-1	Occupational Elective – 5-1	2	0	0	2
<b>Jami semestr</b>			<b>Semester Total</b>	<b>16</b>	<b>4</b>	<b>2</b>	<b>30</b>

**3. Year - Fall Semester**

**3. Kurs - Kuzgi Semestr**

**5-Semestrda auditoriya mashg'ulotlari haftalarining soni (15-hafta)**

Kod	Old Shart	Fan	Course	Le	A	La	K
KRM3030		Gruntlar mexanikasi	Soil Mechanics	3	0	2	5
MEH2020		Ogohlantirish belgilari va yorliqlari	Warning Signs and Labeling	2	0	0	4
MEH2030		Qurilish maydonchasi xavfsizligi	Construction Site Safety	3	0	0	4
MEH2040		Qurilish uskunalari xavfsizligi	Construction Equipment Safety	2	0	0	3
MEH2050		Umumiy biologiya	General Biology	3	0	0	4
OZT1010		O'zbekiston tarixi 1	History of Uzbekistan 1	2	0	0	2
MEHX001		Kasbiy Tanlov – 1-3	Occupational Elective – 1-3	3	0	0	4
MEHX002		Kasbiy Tanlov – 2-1	Occupational Elective – 2-1	3	0	0	4
<b>Jami semestr</b>			<b>Semester Total</b>	<b>21</b>	<b>0</b>	<b>2</b>	<b>30</b>

**3. Year - Spring Semester**

**3. Kurs - Bahorgi Semestr**

**6-Semestrda auditoriya mashg'ulotlari haftalarining soni (15-hafta)**

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
GUM3200		Falsafaga kirish	Introduction to Philosophy	2	0	0	2
KRM3020		Poydevor muhandislik	Foundation Engineering	3	0	0	4
MEH2060		Qurilishdagi vaqtinchalik inshootlar	Temporary Structures in Construction	3	0	0	4
MEH3010		Favqulodda vaziyatlarni boshqarish	Emergency Management	3	0	0	4
MEHX001		Kasbiy Tanlov – 1-4	Occupational Elective – 1-4	3	0	0	4
MEHX002		Kasbiy Tanlov – 2-2	Occupational Elective – 2-2	3	0	0	4
MEHX002		Kasbiy Tanlov – 2-3	Occupational Elective – 2-3	3	0	0	4
<b>Jami semestr</b>			<b>Semester Total</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>30</b>

**4. Year - Fall Semester**

**4. Kurs - Kuzgi Semestr**

**7-Semestrda auditoriya mashg'ulotlari haftalarining soni (15-hafta)**

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
MEH3040		Xavfli chiqindilar bilan ishlash va boshqarish	Hazardous Waste Operations and Management	3	0	0	3
MEH3050		Mehnat Salomatligi Va Xavfsizligini Boshqarish Tizimlari	Occupational Health And Safety Management Systems	2	0	0	3
MEH3070		Qurilishda mehnat salomatligi va xavfsizligi	Occupational Health and Safety in Construction	3	0	0	3
MEH4010		Yong'in dinamikasi va qurilishda xavfsizlik	Fire Dynamics and Safety in Construction	3	0	0	4
MEHX001		Kasbiy Tanlov – 1-5	Occupational Elective – 1-5	3	0	0	4
MEHX003		Kasbiy Tanlov – 3-1	Occupational Elective – 3-1	3	0	0	4

MEHX004		Kasbiy Tanlov – 4-1	Occupational Elective – 4-1	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**

**8-Semestrda auditoriya mashg'ulotlari haftalarining soni (15-hafta)**

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
KRM4500		Mehnatni muhofaza qilish va xavfsizlik 2	Occupational Health and Safety 2	2	0	0	2
MEH2070		Inson anatomiyasi va fiziologiyasi	Human Anatomy and Physiology	3	0	0	3
MEH3020		Kimyoviy moddalar va xavflar	Chemicals and Dangers	2	0	0	3
MEH3030		Elektr xavfi va xavfsizligi	Electrical Hazards and Safety	2	0	0	3
ITFX001		Ijtimoiy Tanlov	Social Elective	3	0	0	3
MEHX001		Kasbiy Tanlov – 1-6	Occupational Elective – 1-6	3	0	0	4
MEHX004		Kasbiy Tanlov – 4-2	Occupational Elective – 4-2	3	0	0	4
MEHX004		Kasbiy Tanlov – 4-3	Occupational Elective – 4-3	3	0	0	4
		<b>Jami semestr</b>	<b>Semester Total</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>30</b>
		<b>Jami</b>	<b>Total</b>	<b>169</b>	<b>22</b>	<b>10</b>	<b>240</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
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
KNM 1		Kasbiy nutq madaniyati	Professional speech culture	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
KTA1050		O'quv texnologiyalarining asoslari	Foundations of Instructional Technologies	3	0	0	4
KTA1090		Ta'lim sotsiologiyasi	Educational Sociology	3	0	0	4
KTA1100		Ta'lim falsafasi	Philosophy of Education	3	0	0	4
KTA1120		Ta'lim psixologiyasi	Psychology of Education	3	0	0	4
KTA1140		Ta'limga kirish	Introduction to Education	3	0	0	4
KTA2052		O'quv dizayni	Instructional Design	3	0	0	4
KTA2112		Ta'lim antropologiyasi	Anthropology of Education	3	0	0	4
KTA1050		O'quv texnologiyalarining asoslari	Foundations of Instructional Technologies	3	0	0	4
KTA1090		Ta'lim sotsiologiyasi	Educational Sociology	3	0	0	4
KTA1100		Ta'lim falsafasi	Philosophy of Education	3	0	0	4
KTA1120		Ta'lim psixologiyasi	Psychology of Education	3	0	0	4
KTA1140		Ta'limga kirish	Introduction to Education	3	0	0	4
KTA2052		O'quv dizayni	Instructional Design	3	0	0	4
KTA2112		Ta'lim antropologiyasi	Anthropology of Education	3	0	0	4

**Occupational Elective – 2**

**Kasbiy Tanlov - 2**

Kod	Old Shart	Fan	Course	Le	A	La	K
ATM1030		Suvni tozalash texnikasi	Water Treatment Techniques	3	0	0	4
ATM3050		Atrof-muhit to'g'risidagi qonun	Environmental Law	3	0	0	4
ATM4360		Chiqindilarni boshqarish va qayta ishlash	Waste management and recycling	3	0	0	4

ATM4410		Integratsiyalangan suv havzasi boshqaruvi	Integrated Watershed Management	3	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

### Occupational Elective – 3

#### Kasbiy Tanlov – 3

Kod	Old Shart	Fan	Course	Le	A	La	K
KRM3120		Qurilishda tizim tahlili	Systems Analysis in Civil Engineering	3	0	0	4
KRM3190		Chekli 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
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 – 4

#### Kasbiy Tanlov – 4

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		Geotexnika zilzilasi	Geotechnical Earthquake Engineering	3	0	0	4
KRM4040		Geo atrof muhit muhandisligi	Geoenvironmental Engineering	3	0	0	4
KRM4290		Temir-beton aniq tuzilmalar	Reinforced Concrete Multistorey Structures	3	0	0	4
KRM4420		Qurilishlarda suv izolatsiyasi	Water Insulation in Constructions	3	0	0	4
KRM4440		Beton chidamlilik	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

### Occupational Elective – 5

#### Kasbiy Tanlov - 5

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

### Social Elective

#### 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
DI		Dinshunoslik	Religious studies	3	0	0	3
RI		Rus tili	Russian language	3	0	0	3
ARX2150		Arxeologiya	Archeology	3	0	0	3

ARX2160		Arxitektura tarixi	History of Architecture	3	0	0	3
BIZ2180		To'g'ridan-to'g'ri 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
GUM1080		Polifonik musiqaga kirish	Introduction to Polyphonic Music	3	0	0	3
GUM2152		Ilmiy tarix	History of Science	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	3	0	0	3
GUM3208		Siyosiy mafkuralar: nazariya va tarix	Political Ideologies: Theory and History	3	0	0	3
GUM3212		Tarix va kino	History and Cinema	3	0	0	3
GUM3224		Psixologiyaga kirish	Introduction to Psychology	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
GUM3268		Ta'lim falsafasi	Philosophy of Education	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
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
OZD2240		Amaliy san'at	The Art of Applied	3	0	0	3
URB2040		Shahar iqtisodiyoti	Urban Economics	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 ili	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

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

O'quv ishlari bo'yicha prorektor

Talabalar bo'lim boshlig'i

Fakultet dekani

  
  
  
  


J. Rayumov  
H. Shodmonov  
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