

**O'ZBEKISTON RESPUBLIKASI**  
**OLIV TA'LIM, FAN VA INNOVATSIYALAR VAZIRLIGI**  
**QARSHI MUHANDISLIK-IQTISODIYOT INSTITUTI**  
**ISHCHI O'QUV REJASI**

Ta'lim yo'nalishi: 60710100 - Kimyoviy texnologiya (noorganik moddalar)

2024 - 2025 o'quv yili (4 kurs uchun)

Akademik daraja: - BAKALAVR

O'qish muddati: - 4 yil

Ta'lim shakli: - kunduzgi

**I. O'QUV JARAYONI JADVALI**



**"TASDIQLAYMAN"**  
 Qarshi muhandislik-iqtisodiyot instituti  
 rektori \_\_\_\_\_  
 O.Sh.Bazarov

2024 yil

| Kurs | HAFTALAR |   |   |   |         |   |   |   |        |    |    |    |        |    |    |    |        |    |    |    |        |             |    |    |      |    |    |    |       |    |    |    |     |    |    |    |      |    |    |    |      |    |    |     |        |    |    |    |    |    |     |    | O'quv davri haftalar soni |    |    |    |    |    | Jami |    |    |   |    |
|------|----------|---|---|---|---------|---|---|---|--------|----|----|----|--------|----|----|----|--------|----|----|----|--------|-------------|----|----|------|----|----|----|-------|----|----|----|-----|----|----|----|------|----|----|----|------|----|----|-----|--------|----|----|----|----|----|-----|----|---------------------------|----|----|----|----|----|------|----|----|---|----|
|      | Sentyabr |   |   |   | Oktyabr |   |   |   | Noyabr |    |    |    | Dekabr |    |    |    | Yanvar |    |    |    | Fevral |             |    |    | Mart |    |    |    | Aprel |    |    |    | May |    |    |    | Iyun |    |    |    | Iyul |    |    |     | Avgust |    |    |    | S  | .  | K   | A  | M                         | B  | T  |    |    |    |      |    |    |   |    |
|      | 1        | 2 | 3 | 4 | 5       | 6 | 7 | 8 | 9      | 10 | 11 | 12 | 13     | 14 | 15 | 16 | 17     | 18 | 19 | 20 | 21     | 22          | 23 | 24 | 25   | 26 | 27 | 28 | 29    | 30 | 31 | 32 | 33  | 34 | 35 | 36 | 37   | 38 | 39 | 40 | 41   | 42 | 43 | 44  | 45     | 46 | 47 | 48 | 49 | 50 | 51  | 52 |                           |    |    |    |    |    |      |    |    |   |    |
| I    | K        | . | . | . | .       | . | . | . | .      | .  | .  | .  | .      | .  | .  | T  | T      | T  | A  | A  | T      | T           | T  | .  | .    | .  | .  | .  | .     | .  | .  | .  | .   | .  | .  | .  | .    | .  | .  | .  | .    | A  | A  | M   | M      | T  | T  | T  | T  | T  | T   | G  | T                         | 37 | 30 | 1  | 4  | 2  |      | 15 | 52 |   |    |
| II   | K        | . | . | . | .       | . | . | . | .      | .  | .  | .  | .      | .  | .  | T  | T      | T  | A  | A  | T      | T           | T  | .  | .    | .  | .  | .  | .     | .  | .  | .  | .   | .  | .  | .  | .    | .  | .  | .  | A    | A  | M  | M   | M      | M  | T  | T  | T  | T  | T   | G  | T                         | 39 | 30 | 1  | 4  | 4  |      | 13 | 52 |   |    |
| III  | .        | . | . | . | .       | . | . | . | .      | .  | .  | .  | .      | .  | .  | A  | T      | T  | A  | .  | .      | .           | .  | .  | .    | .  | .  | .  | .     | .  | .  | .  | .   | .  | .  | .  | .    | A  | A  | M  | M    | M  | M  | M   | M      | T  | K  | K  | K  | K  | T   | T  | T                         | G  | T  | 44 | 30 | 4  | 4    | 6  |    | 8 | 52 |
| IV   | .        | . | . | . | .       | . | . | . | .      | .  | .  | .  | .      | .  | .  | A  | T      | T  | A  | M  | M      | M           | M  | M  | M    | M  | M  | M  | M     | M  | M  | M  | M   | M  | M  | M  | M    | M  | M  | M  | M    | M  | M  | M   | M      | M  | M  | M  | M  | M  | M   | M  | M                         | 42 | 15 | 4  | 2  | 15 | 6    | 6  | 48 |   |    |
|      |          |   |   |   |         |   |   |   |        |    |    |    |        |    |    |    |        |    |    |    |        | <b>Jami</b> |    |    |      |    |    |    |       |    |    |    |     |    |    |    |      |    |    |    |      |    |    | 162 | 105    | 10 | 14 | 27 | 6  | 42 | 204 |    |                           |    |    |    |    |    |      |    |    |   |    |

Nazariy va amaliy ta'lim   
  Kredit ta'lim tizimiga kirish va to'plash   
  Attestatsiyalar   
  Malakaviy amaliyot   
  Ta'til   
  Bitiruv malakaviy ishi

**II. O'QUV REJASI**

| №    | Modul kodi | Modullar nomi va o'quv faoliyati turlari | Umumiy yuklama hajmi |      | Talabning o'quv yuklamasi, soat |         |        |              |                  |                      | Soatlarning kurs, semestr va haftalar bo'yicha taqsimoti |                           |            |    |    |                            |    |    | Kreditlarning kurs, semestr va haftalar bo'yicha taqsimoti |    |    |    |    |    |    |     | Jami kreditlar |   |
|------|------------|--|----------------------|------|---------------------------------|---------|--------|--------------|------------------|----------------------|--|---------------------------|------------|----|----|----------------------------|----|----|--|----|----|----|----|----|----|-----|----------------|---|
|      |            |  |                      |      | Auditoriya mashg'ulotlari       |         |        |              |                  |                      | Mustaqil ta'lim  | 1                         |            |    |    | 2                          |    |    |  | 3  |    |    |    | 4  |    |     |                |   |
|      |            |  |                      |      | Jami                            | Ma'ruza | Amaliy | Laboratoriya | Seminar          | Kurs ishi (loyihasi) |  | Kurslardagi haftalar soni |            |    |    | Kurslardagi kreditlar soni |    |    |  |    |    |    |    |    |    |     |                |   |
|      |            |  |                      |      |                                 |         |        |              |                  |                      |  | 37                        | 39         | 44 | 42 | 60                         | 60 | 60 | 60   |    |    |    |    |    |    |     |                |   |
|      |            |  |                      |      | Semestrlar                      |         |        |              |                  |                      |  |                           | Semestrlar |    |    |                            |    |    |  |    |    |    |    |    |    |     |                |   |
|      |            |  |                      |      | Haftalar soni                   |         |        |              | Kredit taqsimoti |                      |  |                           | 1          | 2  | 3  | 4                          | 5  | 6  | 7  | 8  | 1  | 2  | 3  | 4  | 5  | 6   |                | 7 |
| 1    | 2          | 3  | 4                    | 5    | 6                               | 7       | 8      | 9            | 10               | 11                   | 12   | 13                        | 14         | 15 | 16 | 17                         | 18 | 19 | 20   | 21 | 22 | 23 | 24 | 25 | 26 | 27  | 28             |   |
| 1.00 |            | Majburiy fanlar                          | 5520                 | 76,7 | 2760                            | 1020    | 1110   | 570          | 60               | 2760                 | 30   | 28                        | 30         | 22 | 30 | 24                         | 20 | 30 | 28   | 30 | 22 | 30 | 24 | 20 |    | 184 |                |   |
| 1.01 | MATH101    | Matematika 1                             | 180                  |      | 90                              | 30      | 60     |              |                  | 90                   | 6  |                           |            |    |    |                            |    | 6  |  |    |    |    |    |    |    | 6   |                |   |
| 1.02 | MATH105    | Matematika 2                             | 120                  |      | 60                              | 30      | 30     |              |                  | 60                   |  | 4                         |            |    |    |                            |    |    | 4  |    |    |    |    |    |    | 4   |                |   |
| 1.03 | COMP102    | Axborot texnologiyalari                  | 180                  |      | 90                              | 30      | 30     | 30           |                  | 90                   | 6  |                           |            |    |    |                            |    |    | 6  |    |    |    |    |    |    | 6   |                |   |
| 1.04 | PHYS107    | Fizika 1                                 | 120                  |      | 60                              | 30      | 16     | 14           |                  | 60                   | 4  |                           |            |    |    |                            |    |    | 4  |    |    |    |    |    |    | 4   |                |   |
| 1.05 | PHYS108    | Fizika 2                                 | 120                  |      | 60                              | 30      | 14     | 16           |                  | 60                   |  | 4                         |            |    |    |                            |    |    |  | 4  |    |    |    |    |    | 4   |                |   |
| 1.06 | RUSL104    | Rus tili                                 | 120                  |      | 60                              |         | 60     |              |                  | 60                   | 4  |                           |            |    |    |                            |    |    | 4  |    |    |    |    |    |    | 4   |                |   |
| 1.07 | FORN102    | Xorijiy til                              | 120                  |      | 60                              |         | 60     |              |                  | 60                   |  | 2                         | 2          |    |    |                            |    |    | 2  | 2  |    |    |    |    |    | 4   |                |   |
| 1.08 | PHYS102    | Jismoniy tarbiya va sport                | 120                  |      | 60                              |         | 60     |              |                  | 60                   |  | 4                         |            |    |    |                            |    |    | 4  |    |    |    |    |    |    | 4   |                |   |



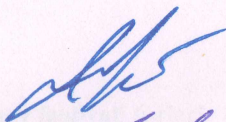
**IZOX:**

1. 1 kredit 30 akademik soatni tashkil qiladi.
2. Kurs loyiha, kurs ishlari uchun talabaga mustaqil ta'lim soatlaridan 30 akademik soatni ajratgan holda 1 kredit beriladi.
3. Yakuniy davlat attestatsiyasi muddatlari tarkibiga bitiruv malakaviy ishini himoya qilish ham kiradi.
4. O'quv rejaga kiritiladigan ixtisoslikka oid fanlarning amaliy mashg'ulotlari va laboratoriya ishlari oliy ta'lim muassasasi hamda bazaviy tashkilot va korxonalarda o'tkaziladi.
5. Nazariya va amaliyot yaxlitligini ta'minlash uchun talabalarning malakaviy amaliyotlari bazaviy tashkilot va korxonalarda o'tkaziladi.
6. Kredit to'plash haftasida o'zlashtirmagan talabalar qayta o'qib o'zlashtirishadi.
7. Ushbu ishchi o'quv reja Qarshi muhandislik-iqtisodiyot instituti Kengashining 2021 yil 28.06 dagi №11 sonli qarori bilan tasdiqlangan o'quv rejaga asosan ishlab chiqilgan.

| O'quv jarayonining tarkibiy qismlari      | Haftalar soni | Semestr         | Davlat attestatsiyasi   |
|---|---------------|-----------------|---|
| Nazariya va amaliy ta'lim                 | 105           | 1,2,3,4,5,6,7   | Bitiruv malakaviy ishini himoya qilish yoki ixtisoslik fanlaridan Davlat attestatsiyasi |
| Tanishuv amaliyot                         | 2             | 2               |   |
| Malakaviy amaliyot                        | 4             | 4               |   |
| Ishlab chiqarish-texnologik amaliyot      | 6             | 6               |   |
| Bitiruv ishi oldi amaliyoti               | 15            | 8               |   |
| Attestatsiyalar                           | 14            | 1,2,3,4,5,6,7   |   |
| Bitiruv malakaviy ishi                    | 6             | 8               |   |
| Ta'tillar                                 | 42            | 1,2,3,4,5,6,7,8 |   |
| Kredit ta'lim tizimiga kirish va to'plash | 10            | 1,2,3,4,5,6,7   |   |
| <b>Jami:</b>                              | <b>204</b>    |                 |   |

Mazkur ishchi o'quv reja Qarshi muhandislik-iqtisodiyot instituti Kengashining 2024 yil \_\_\_\_\_  
dagi № \_\_\_\_\_ sonli qarori bilan tasdiqlangan.

O'quv ishlari bo'yicha prorektor:



I.I. Ismailov

O'quv-uslubiy boshqarma boshlig'i



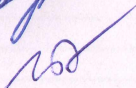
Z.E. Chorshanbiyev

Sanoat texnologiyasi fakulteti dekani



J.J. Allayarov

"Kimyoviy texnologiya" kafedrasini mudiri



B.I. Farmanov