

**O‘ZBEKISTON RESPUBLIKASI
OLIV TA‘LIM, FAN VA INNOVATSIYALAR VAZIRLIGI**

SAMARQAND DAVLAT ARHITEKTURA – QURILISH UNIVERSITETI

“KELISHILGAN”

o‘quv ishlari bo‘yicha
prorektor

M.T. Shodmonqulov

Ro‘yxatga olindi: № 05/A.

«29» avgust 2025 yil



**YORUG‘LIK
FAN DASTURI**

Bilim sohasi: 200000 - San‘at va gumanitar fanlar
Ta‘lim sohasi: 210000 - San‘at
Ta‘lim yo‘nalishi: 60210400 - Dizayn: interyerni loyihalash

Samarqand – 2025

Kurs ma'lumotlari
Course Information Form

Modul kodi Code 3045	O'quv yili 2025-2026	Semestr 5	ECTS – Kreditlar 5-semestr -5		
Modul turi Majburiy	Ta'lim tili O'zbek/rus		Auditoriya soatlari		Mustaqil ta'lim (soat/hafta) Independent Education (hour/week)
Fan nomi Title	Jami yuklama	Ma'ruza (soat/hafta) Lecture (hour/week)	Amaliy (soat/hafta) Practical (hour/week)	Laboratoriya (soat/hafta) Laboratory (hour/week)	
Yorug'lik	5-semestr -150	5-semestr -2	5-semestr -2		5-semestr-6

Dastlabki shart Prerequisite	Yo'q None
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Semestr Semestr	Kuzgi 5-semestr
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Kurs tili Course language	O'zbek, Ingliz, Rus Uzbek, English, Russian
O'quv kursi Level of Course	Uchinchi kurs Third course
Ta'lim yo'nalishlari Course type	60210400 – Dizayn: Interyerni loyihalash
Kurs toifasi Course Category	Asosiy Core Courses
Dars shakli Mode of Delivery	An'anaviy (Yuzma – yuz muloqot) Face – to - face

Ma'sul kafedra Owner academic unit	Interyer dizayni Interior Design
Kursga ma'sul Cours Coordinator	Kushmanov T.F
O'qituvchilar Instructor(s)	Abbosova Mehribon
Yordamchilar Asistant(s)	Xaydarova Madina

Fanni o'qitishdan maqsad Course objectives	Kunduzgi yorug'lik va sun'iy yoritish, yoritish terminologiyasining asosiy lug'ati bilan tanishtiriladi, binolarning tipologiyasi bilan bog'liq vizual qulaylik sharoitlari, yoritish moslamalari va yorug'lik manbalari o'rganiladi. Daylighting and artificial lighting, basic vocabulary of lighting terminology is introduced, visual comfort conditions, lighting fixtures and light sources are studied related to building typology.
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Fanning mazmuni Course content	
Tavsiya qilingan yoki talab qilinadigan adabiyotlar ro'yxati Recommended Or Required Reading	<p>1. Architectural Lighting Design, Judith Jones, 1990</p> <p>2. Applied Illumination Engineering, Jack Lindsey Fairmont Press, 1997</p> <p>3. Aydınlatma Ders Notları, Mehmet Küçükdoğu, İTÜ Mimarlık Fakültesi, 1996</p> <p>4. Aydınlatma Tekniği, Muzaffer Özkaya, Birsen Yayınevi, İstanbul, 2000</p> <p>5. Egan, D. Olgyay V. Architectural Lighting, New York: Mac Graw Hill Book Company, 1997.</p> <p>6. Tichelmann, H. Interiors Construction Manual; Integrated Planning Finishes and Fitting-Out Technical Services, Birchauser: Munich, 2010.</p>
Tavsiya etilgan qo'shimcha dastur komponentlari Recommended Optional Program Components	<p>Yo'q\ (bor bolsa yoziladi)</p> <p>None</p>

Kursni o'rganish natijalari Course learning outcomes	
1	Kunduzgi yorug'lik va sun'iy yoritish, yoritish terminologiyasining asosiy lug'ati bilan tanishtiriladi, binolarning tipologiyasi bilan bog'liq vizual qulaylik sharoitlari, yoritish moslamalari va yorug'lik manbalari o'rganiladi.
2	Yoritish dizayni mezonlari; nurli muhit.
3	Rangli jihatlar; rang ko'rinishi va vizual idrok.
4	Energiya tejamkor yoritish dizayni, sun'iy yoritish dizayni uchun hisoblash.

Haftalik mavzular va tegishli tayyorgarlik ishlari Weekly Subjects and Related Preparation Studies		
Hafta Week	Mavzular Themes	Resurslar Related preparation
1.	Kirish. Yoritish dizayni bo'yicha ma'ruza. https://www.ucl.ac.uk/module-catalogue/modules/integrated-lighting-design-BENV0190	1-darslik (I bob)
2.	Buyurtmachining talablariga javob beradigan keng qamrovli yoritish sxemasi uchun kontseptual dizayni ishlab chiqish va shakllantirish. https://www.ucl.ac.uk/module-catalogue/modules/integrated-lighting-design-BENV0190	1-darslik (I bob)

3.	Kontseptual g'oyalarni tan olingan bosqichlar orqali batafsil dizayngacha ilgari surish. https://www.ucl.ac.uk/module-catalogue/modules/integrated-lighting-design-BENV0190	1-darslik (I bob)
4.	Tegishli texnik yechimlar bilan yoritish muammolarini hal qilish. https://www.ucl.ac.uk/module-catalogue/modules/integrated-lighting-design-BENV0190	2-darslik (I bob)
5.	Yoritish effektlari va tegishli texnika va jihozlar haqida tushunchani namoyish etish. https://www.ucl.ac.uk/module-catalogue/modules/integrated-lighting-design-BENV0190	2-darslik (II bob)
6.	Tabiiy va elektr yoritish va ularni boshqarish bo'yicha integratsiyalashgan strategiyalarni ishlab chiqish. https://www.ucl.ac.uk/module-catalogue/modules/integrated-lighting-design-BENV0190	3-darslik (I bob)
7.	Arxitektura shakli va kontekstiga nisbatan sezgirlikni namoyish etish. https://www.ucl.ac.uk/module-catalogue/modules/integrated-lighting-design-BENV0190	3-darslik (II bob)
8.	Oraliq nazorat	
9.	Tashqi ko'rinish, dizayn va texnik ma'lumotlarni doimiy ravishda etkazish. https://www.ucl.ac.uk/module-catalogue/modules/integrated-lighting-design-BENV0190	4-darslik (I bob)
10.	Dizayn qarorlari va umuman sanoatdagi ijtimoiy, moliyaviy va ekologik cheklovlarni tushunishni namoyish etish. https://www.ucl.ac.uk/module-catalogue/modules/integrated-lighting-design-BENV0190	4-darslik (II bob)
11.	Tegishli qonunchilik va ko'rsatmalarni tanlash va qo'llash. https://www.ucl.ac.uk/module-catalogue/modules/integrated-lighting-design-BENV0190	5-darslik (I bob)
12.	Mas'uliyatli energiyadan foydalanish va barqarorlikni yechimlarga integratsiyalash https://www.ucl.ac.uk/module-catalogue/modules/integrated-lighting-design-BENV0190	5-darslik (II bob)
13.	Loyiha jamoasining bir qismi sifatida ishlash va qo'shma loyiha takliflarini yuborish. https://www.ucl.ac.uk/module-catalogue/modules/integrated-lighting-design-BENV0190	6-darslik (I bob)
14.	Tashqi ko'rinish, dizayn va texnik	6-darslik (II bob)

	ma'lumotlarni doimiy ravishda etkazish. https://www.ucl.ac.uk/module-catalogue/modules/integrated-lighting-design-BENV0190	
15.	Yakuniy hafta	

Baholash jarayoni Evaluation System			
Mashg'ulot turi Activities	Soni Number	Baholash Percentage of Grade	
Darsga qatnashish Attendance / participation	30	15	
Laboratoriya ishi Laboratory			
Amaliy ish (qo'shimcha vazifa) Application			
Kurs ishi Field work			
Maxsus kurs amalyoti (ish joyida) Special course internship (work placement)			
Testlar Quizzes / studio crtics			
Uyga vazifani baholash Homework assignments	5	10	
Ijodiy ish (taqdimot) Presentations / jury	5	5	
Loyiha ishi Project			
Seminar Seminar / workshop			
Oraliq nazorat Mid -Terms	2	30	
Yakuniy nazorat Final	1	40	
O'zlashtirish ko'rsatgichi Percentage of in – term studies		60	
Yakuniy imtihon bahosi Percentage of final examination		40	
Jami Total		100	
ECTS taqsimoti ECTS workload table			
Topshiriqlar Activities	Soni Number	Davomiyligi (soat) Duration (hour)	Umumiy yuklama Total workload
Mashg'ulot soati Course hours	15	4	60
Laboratoriya ishi Laboratory			
Amaliy ish (qo'shimcha vazifa) application			
Kurs ishi Field work			
Mustaqil ta'lim Study hours out of class	15	6	90
Maxsus kurs amalyoti (ish joyida) Special course internship (work			

placement)			
Uyga vazifani baholash Homework assignments			
Testlar / Viktorina Quizzes / studio critics			
Loyiha ishi Project			
Ijodiy ish (taqdimot) Presentations / seminar			
Oraliq nazorat Mid – terms (Examination +Examination prep. Duration)			
Yakuniy nazorat (nazorat va nazoratga tayyorlanish soati) Final (examination +examination prep. Duration)			
Jami yuklama Total workload			150
Jami yuklama / 30 (soat) Total workload / 30(h)			150/30=5
Kredit ECTS credit			5

Qo'shimcha eslatmalar Extra Notes	Yo'q\ (bor bolsa yoziladi) None
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Oliy ta'lim, fan va innovatsiyalar vazirligi tomonidan 2025-yil uchun tasdiqlangan xalqaro e'tirof etilgan tashkilotlarning reytingida top 300 talikka kiruvchi UCL, London, Buyukbritaniya (QS-1) "Yoritishni kompleks loyihalash (BENVO190)" fan dasturi tahlil qilinib ushbu asosda fan dastur ishlab chiqildi. "Yorug'lik" fanining dasturi tayyorlanib 12 ta mavzusi yangilandi. [<https://www.ucl.ac.uk/module-catalogue/modules/integrated-lighting-design-BENV0190>]

Fan dasturi Mirzo Ulug'bek nomidagi Samarqand davlat arxitektura-qurilish universiteti kengashning 2025 yil ___-avgustdagi ___-sonli bayonnomasi bilan ma'qullangan.

Kafedra mudiri:



Kushmanov T.F.

Tuzuvchilar:



**Abbosova M.S.
Xaydarova M.M.**