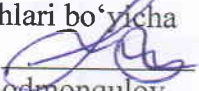


O‘ZBEKISTON RESPUBLIKASI  
OLIV TA‘LIM, FAN VA INNOVATSIYALAR VAZIRLIGI

MIRZO ULUG‘BEK NOMIDAGI SAMARQAND DAVLAT  
ARXITEKTURA – QURILISH UNIVERSITETI

“KELISHILGAN”  
o‘quv ishlari bo‘yicha  
prorektor   
M.T. Shodmonqulov  
Ro‘yxatga olindi: № 50/a  
«\_\_» avgust 2024 yil



**BOSHQARUV UCHUN STATISTIKA 1**

**FAN DASTURI**

**Bilim sohasi :** 400 000 - Biznes, boshqaruv va huquq  
**Ta'lim sohasi:** 410 000 - Biznes va boshqaruv  
**Ta'lim yo'nalishi:** 60411300 - Biznesni boshqarish (tarmoqlar bo'yicha)

**Samarqand – 2024**

**Kurs ma'lumotlari**  
Course Information Form

Modul kodi Code BIZ2050	O'quv yili 2024-2025	Semestr 3	ECTS – Kreditlar 3-semestr -5			
Modul turi Majburiy	Ta'lim tili O'zbek		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)	(soat/hafta) Independent Education (hour/week)	
<b>Boshqaruv uchun Statistika 1</b>	3-semestr -150	3-semestr -4			3-semestr -6	

<b>Dastlabki shart</b> Prerequisite	<b>Yo'q</b> None
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<b>Semestr</b> Semestr	<b>Kuzgi</b> Fall
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<b>Kurs tili</b> Course language	<b>O'zbek</b> Uzbek
<b>O'quv kursi</b> Level of Course	<b>Ikkinchi kurs</b> Second Cycle
<b>Ta'lim yo'nalishlari</b> Course type	60411300-Biznesni boshqarish (tarmoqlar bo'yicha)
<b>Kurs toifasi</b> Course Category	Asosiy Core Courses
<b>Dars shakli</b> Mode of Delivery	An'anaviy (Yuzma – yuz muloqot) Face – to - face

<b>Ma'sul kafedra</b> Owner academic unit	Iqtisodiyot
<b>Kursga ma'sul</b> Cours Coordinator	Djurayeva M.A.
<b>O'qituvchilar</b> Instructor(s)	Turayeva M.X.
<b>Yordamchilar</b> Asistant(s)	-

<b>Kursni o'rganish natijalari</b> Course learning outcomes	
1	Kursning natijasi biznes hayotida tez-tez qo'llaniladigan statistik usullardan foydalanishdir Course outcome is to use the statistical techniques which is often used in business life
2	Ushbu jarayondan olingan natijalarni sharhlang. Interpret results provided from this process.
3	Miqdoriy qobiliyatlarni oshirish. To enhance quantitative abilities

4	Statistikaning asosiy tushunchalarini o'rganish To learn the fundamental concepts of statistics
5	Statistikaning biznes qo'llanilishini o'rganish To learn business applications of statistics

<b>Fanni o'qitishdan maqsad</b> Course objectives	Ushbu kursning maqsadi talabalarga yordam beradigan texnikalarni berishdir o'zgaruvchilar orasidagi munosabatlarni tushuntirish va to'plangan natijalarni baholashga yordam berish  The aim of this course is to give the techniques to the students which help to explain relationships among variables and help to evaluate collected results
<b>Fanning mazmuni</b> Course content	Ta'riflovchi statistik ma'lumotlar (o'rtachalar, grafiklar, o'zgaruvchanlik o'lchovlari, asimetri o'lchovlari), Ehtimollarga kirish, Tasodifiy o'zgaruvchilar, Kutilayotgan qiymatlar va dispersiya, diskret va uzluksiz ehtimollik taqsimotlari.  Descriptive Statistics (Means, graphs, variation measures, asimetri ölçüleri), Introduction to probability, Random variables, Expected values and variance, discrete and continuous probability distributions
<b>Tavsiya qilingan yoki talab qilinadigan adabiyotlar ro'yxati</b> Recommended Or Required Reading	<ol style="list-style-type: none"> <li>1. Drury, C Management and Cost Accounting Cengage, 7<sup>th</sup> Edition (2015)</li> <li>2. Bhimani, A and Horngren, C et. al. Management and Cost Accounting Prentice Hall 6<sup>th</sup> Edition (2015)</li> <li>3. S.P. Jain and K.L. Narang : Cost and Management Accounting. Kalyani Publishers, 23, Daryaganj, New Delhi – 110 002.</li> <li>4. V.K. Saxena and C.D. Vashist : Cost and Management Accounting. Sultan Chand &amp; Sons, 23, Daryaganj, New Delhi – 110 002.</li> <li>5. M.N. Arora : Cost and Management Accounting. (Theory and Problems); Himalaya Publishing House, Ramdoot, Dr. Bhalerao Marg, Kelewadi, Girgaon. Mumbai – 400 004.</li> <li>6. S.N. Maheshwari : Cost and Management Accounting. Sultan Chand &amp; Sons, 23, Daryaganj, New Delhi – 110 002.</li> </ol>
<b>Tavsiya etilgan qo'shimcha dastur komponentlari</b> Recommended Optional Program Components	Yo'q\ (bor bolsa yoziladi)  None

**Haftalik mavzular va tegishli tayyorgarlik ishlari**  
Weekly Subjects and Related Preparation Studies

<b>Hafta</b> Week	<b>Mavzular</b> Themes	<b>Resurslar</b> Related preparation
1.	Statistik ma'lumotlarning ta'rifi, ma'lumotlarni to'plash, konsept.	Orhunbilge (2000), 1-25
2.	Ma'lumotlar turlari, ilovalar statistikasi turlari.	Orhunbilge (2000), 25-71
3.	Grafik taqdimotlar, grafik turlari, diagramma, gistogramma, pareto. Vositalar, vositalar turlari,; arifmetik o'rtacha, vaznli arifmetik o'rtacha, geometrik o'rtacha, garmonik o'rtacha.	Orhunbilge (2000), 73-94
4.	Median, rejim, kvartil. Standart og'ish.	Orhunbilge (2000), 95-127
5.	Egrilik va kurtozni o'lchash. Lahzalar.	Orhunbilge (2000), 128-159
6.	Ehtimollar nazariyasi, ehtimollik ta'rifi, tushuncha, Namuna fazolari va hodisalar, bog'liq va mustaqil hodisalar, shartli ehtimollik.	Orhunbilge (2000), 160-166
7.	Umumiy qo'shish qoidasi, Umumiy ko'paytirish qoidasi, Bayes teoremasi.	Orhunbilge (2000), 167-176
8.	Umumiy qo'shish qoidasi, Umumiy ko'paytirish qoidasi, Bayes teoremasi.	NA
9.	Tasodifiy o'zgaruvchilar va ehtimollik taqsimotlari, diskret tasodifiy o'zgaruvchilar, diskret ehtimollik taqsimotlari, uzluksiz tasodifiy o'zgaruvchilar, doimiy ehtimollik taqsimotlari, kutilgan qiymat.	Orhunbilge (2000), 177-190
10.	Binomli tajribalar.	Orhunbilge (2000), 191-198
11.	Gipergeometrik ehtimollik taqsimotlari.	Orhunbilge (2000), 199-201
12.	Puasson taqsimoti, Puasson jarayonlari.	Orhunbilge (2000), 202-208
13.	Oddiy taqsimotlar, standart normal taqsimotlar, Tschebycheff texnikasi .	Orhunbilge (2000), 210-225
14.	Indekslar, narx indeksi, miqdor indeksi, Laspeyres va Fisher indeksi .	Orhunbilge (1999), 247-258
15.	Indekslar, narx indeksi, miqdor indeksi, Laspeyres va Fisher indeksi .	Orhunbilge (1999), 259-266

<b>Baholash jarayoni</b> Evaluation System		
<b>Mashg'ulot turi</b> Activities	<b>Soni</b> Number	<b>Baholash</b> Percentage of Grade
<b>Darsga qatnashish</b> Attendance / participation	30	20
<b>Laboratoriya ishi</b> Laboratory		

<b>Amaliy ish (qo'shimcha vazifa)</b> Application		
<b>Kurs ishi</b> Field work		
<b>Maxsus kurs amalyoti (ish joyida)</b> Special course internship (work placement)		
<b>Testlar</b> Quizzes / studio critics		
<b>Uyga vazifani baholash</b> Homework assignments	5	10
<b>Ijodiy ish (taqdimot)</b> Presentations / jury		
<b>Loyiha ishi</b> Project		
<b>Seminar</b> Seminar / workshop		
<b>Oraliq nazorat</b> Mid -Terms	2	20
<b>Yakuniy nazorat</b> Final	1	50
<b>O'zlashtirish ko'rsatgichi</b> Percentage of in – term studies		50
<b>Yakuniy imtihon bahosi</b> Percentage of final examination		50
<b>Jami</b> Total		100

<b>ECTS taqsimoti</b> ECTS workload table			
<b>Topshiriqlar</b> Activities	<b>Soni</b> Number	<b>Davomiyligi (soat)</b> Duration (hour)	<b>Umumiy yuklama</b> Total workload
<b>Mashg'ulot soati</b> Course hours	15	4	60
<b>Laboratoriya ishi</b> Laboratory			
<b>Amaliy ish (qo'shimcha vazifa)</b> application			
<b>Kurs ishi</b> Field work			
<b>Mustaqil ta'lim</b> Study hours out of class	15	6	90
<b>Maxsus kurs amalyoti (ish joyida)</b> Special course internship (work placement)			
<b>Uyga vazifani baholash</b> Homework assignments			
<b>Testlar / Viktorina</b> Quizzes / studio critics			
<b>Loyiha ishi</b> Project			
<b>Ijodiy ish (taqdimot)</b> Presentations / seminar			

<b>Oraliq nazorat</b> Mid – terms (Examination +Examination prep. Duration)			
<b>Yakuniy nazorat(nazorat va nazoratga tayyorlanish soati)</b> Final (examination +examination prep. Duration)			
<b>Jami yuklama</b> Total workload			150
<b>Jami yuklama / 30 (soat)</b> Total workload / 30(h)			5
<b>Kredit</b> ECTS credit			5

<b>Qo'shimchaeslatmalar</b> Extra Notes	Yo'q\ (bor bolsa yoziladi) None
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Fan dasturi Samarqand davlat arxitektura-qurilish universiteti Kengashning  
2024 yil 30 - avgustdagi 1 -sonli yig'ilishi qarori bilan ma'qullangan.

**Kafedra mudiri v.b.:**



**M.Sh.Komilova**

**Tuzuvchilar:**



**M.Jo'rayeva**