



“I confirm”

Dean of the Faculty of Economics and Business _____.

2024

SYLLABUS

General information	Department	General Economics
	Faculty	Economics and Business
	Specialization, code	050405
	Group No.	531 I
	Education level	bachelor
	Form of education	apparent
	/Academic year/ Semester	2024-2025, 1st semester
	Academic year	2024-2025
	Academic semester	Autumn
Information about the subject	Subject name, code	Digital Economy
	Number of credits	6
	Teaching load (hours)	60
	Teaching methods	lectures, presentations, individual assignments, seminars, group projects
	Language of instruction	Azerbaijan
	Type of subject	Elective
	Prerequisite subject/code	Informatics, Economic Informatics
Information about the teacher	Teacher's academic degree, academic title, honorary title, surname, first name, patronymic	Doctor of Philosophy in Economics Farzaliyev Movlud Pirverdi oglu
	Teacher's email address	movlud.farzaliyev@unec.edu.az
	Teacher's contact number	+994 12 5653976 / 0557202373
	Consultation hours	III day 11:00-13:00, Vday 13:00-15:00
Description of the subject	Digital economy allows students to master the tools of rational and efficient use of information resources, to learn the features of strategic management and building business processes in the digital economy. Such training will allow the graduate to realize himself as a specialist with a number of competencies in the field of general economics, as well as skills and habits.	

	the field of digital economy.
The purpose of the subject	<p>The purpose of the subject "Digital Economy" is to provide students with the necessary knowledge about the role of information technologies in the formation of a new type of economy; to understand the essence of the digital economy and be ready to work in it.</p> <p>After completing the course, students will independently:</p> <ol style="list-style-type: none"> 1. Forming systematized knowledge about the basics of the organization and functioning of the digital economy; 2. Forming an understanding of the essence of doing business in the virtual information space. 3. Forming theoretical foundations (conceptual and methodological) and practical skills in the analysis of economic events and processes at the digital level; 4. Forming general cultural universal and professional competencies of an economist-graduate who is able to deeply analyze economic processes and events in the digital aspect and solve problems of professional and scientific research activities on this basis. 5. Build standard theoretical models based on the description of situations, analyze the results obtained and meaningfully interpret them. 6. Present the results of analytical and research work in the form of a speech, report, information review.
Academic integrity	<p>Academic integrity - ensuring the originality of the work done, and sharing the ideas or findings of others by citing sources.</p> <p>Violations of academic integrity</p> <ol style="list-style-type: none"> 1. Plagiarism, 2. Copying, 3. Submitting all or part of a student's previous work, homework, or project in another class without citing the source, 4. Citing non-existent sources or creating a fake database, 5. Preparing course materials or assignments on behalf of other students, 6. Demonstrating behavior to gain unfair advantage (providing a sick note when not really ill, making false excuses for an extension of time, or for other purposes), 7. Taking an exam for someone else or having someone else take an exam for you.
Ethical behavior	Student-teacher relationships in the training process are based on high moral standards, national values, and business ethics.

List of main literature	<p>1. "Digital economy" Baku, "Azprint" publishing house, 2023, 262 pages.</p> <p>2. Цифровая экономика: textbook / В.Д. Марков. - М.: ИНФРА-М, 2018. - 186 с. [Electronic resource] http://znanium.com/bookread2.php?book=959818</p> <p>3. Digital economy: management of electronic business and electronic commerce : учебник / L.V. Lapidus. - М.: ИНФРА-М, 2018. - 479 с. [Electronic resource] http://znanium.com/bookread2.php?book=947029</p> <p>4. Digital economy - http://digital-economy.ru</p>	
List of additional literature	<p>1. Экономика инновация: Учебное пособие / Под ред. Ivashchenko N.P. - М.: Эк. ф-т МГУ, 2016. - 81 с.: ISBN 978-5-906783-33-2 (http://znanium.com/bookread2.php?book=967683)</p> <p>2. Effectiveness of management of personnel of the state civil service in the conditions of digital management Economics and knowledge: monograph / pod obsch. ed. E.V. Vasilyeva, B.B. Slavina. ? М. : INFRA-М, 2018. ? 221 с (http://znanium.com/bookread2.php?book=969649)</p> <p>3. Progress and innovations: analysis of systemic interdependence: Monograph / Yu.V. Vertakova, E.A. Алреева, I.F. Ryabtseva. - М.: НИЦ ИНФРА-М, 2013. - 137 с.: 60x88 1/16. - (Научная мысль; Экономика). (cover) 4. ISBN 978-5-16-006806-0 (http://znanium.com/bookread2.php?book=408680)</p>	
Internet resources	<ol style="list-style-type: none"> https://ereforms.gov.az/files/publications/pdf/az/9d03c762a9342224168be0a2ffc4e26a.pdf https://elib.bsu.by/bitstream/123456789/242300/1/Goloventchik%20.pdf http://library.atu.kz/flgl/48803.pdf 	
Rating: 100-point system	<p>The final grade is the sum of the points given for the current assessment - seminars and colloquiums (0 - 30 points), independent work (0 - 10 points), attendance (0 - 10 points) and intermediate assessment - end-of-semester exams (0 - 50 points). If additional experimental and practical lessons are planned for the same subject, (0 - 10) points are allocated for the assessment of these lessons.</p> <p>Final grade = current assessment + intermediate assessment</p>	
Seminar and colloquium	<p>Colloquiums are organized 3 times per semester according to the academic calendar. Each colloquium is evaluated with 0 - 10 points. The colloquium is mandatory. A student who does not participate in the colloquium is given 0 points.</p>	0-30
Freelance work	<p>Writing guidelines required for freelance work</p> <p>Font and size: Arial 12 pt</p> <p>Line spacing: 1.5</p> <p>Total length of work: minimum 3 pages</p> <p>Deadline for submission: 2 weeks before the end of the semester</p>	0-10
	<p>Topics of freelance work:</p> <ol style="list-style-type: none"> Digital transformation of business: problems and prospects. Internet of Things - as the main tool of the digital economy Prospects for the application of Big Data technology in the digital economy 	

	<p>4. Current status and development prospects of robotization in the digital economy</p> <p>5. Application of Artificial Intelligence in the areas of the economy: realities and prospects</p> <p>6. Practical application of blockchain technologies in the economy and public administration</p> <p>7. Study of the mechanism for organizing electronic commerce in the digital economy and regulating its implementation</p> <p>8. Features of the application of modern financial technologies (FinTech) in the digital economy</p> <p>9. Organization of marketing activities in the digital economy (e-marketing): problems and prospects</p> <p>1. 10. Stages of the emergence and development of the e-government model: comparative analysis of the experience of countries</p>	
Attendance	1 point is deducted for every 10% of the hours allocated for teaching the subject during the semester. A student who misses more than 25% of the lessons in the subject will not be allowed to take the exam.	0-10
Exam		0-50

Students' knowledge is assessed as follows, based on the total number of points earned during the semester in the subject:
Distribution of points

Score	Letter grade	Indicator
100 – 91	A	“excellent”
90 – 81	B	“very good”
80 – 71	C	“good”
70 – 61	D	“sufficient”
60 – 51	E	“satisfactory”
Below 51 points	F	“unsatisfactory”

Calendar thematic plan					
N	Date	Subject topics	Lecture	Seminar	Textbook/ Assignments
1		Digital economy – As a subject related to the economic system and the economic sphere	2	2	
2		Emergence and development of the digital economy.	2	2	
3		Digital economy and the Fourth Industrial	2	2	

		Revolution			
4		Infrastructure of the digital economy (Information technologies and their application areas)	2	2	
5		Infrastructure of the digital economy (cybersecurity, data analytics)	2	2	
6		Infrastructure of the digital economy (human resource potential, regulatory and legal framework, intellectual property)	2	2	
7		Application of digital technologies in the financial sector. FinTech technologies	2	2	
8		Application of digital technologies in economic sectors. EdTech, AgroTech, InsurTech, RegTech technologies	2	2	
9		Features of business management in the digital economy. Business ecosystem.	2	2	
10		Electronic commerce. Regulation of electronic commerce	2	2	
11		E-marketing and e-advertising in electronic commerce	2	2	
12		Digitalization and Digital transformation. Innovation clusters. A new stage of digital transformation of states. Digital transformation in world practice			
13		Digital transformation of economic sectors	2	2	
14		Digital transformation in the labor and education market	2	2	
15		Concept of devel	2	2	
		TOTAL:	30	30	

Teacher: Doctor of Philosophy Farzaliyev M.P.

Head of Department: Doctor of Philosophy Madatov

Approved by the minutes of the department meeting dated 15.01.2024, No. 5.