RESPUBLIC OF UZBEKISTAN

MINISTRY OF HIGHER EDUCATION, SCIENCE AND INNOVATIONS

KARSHI STATE TECHNICAL UNIVERSITY

"APPROVED"

Rector _____ Sh.K. Nematov

12 03 2025

DIGITAL ECONOMY

MODULE GUIDE

Field of Study:	**400000 -**	Business, Management, and Law
Field of study:	**410000 -**	Business & Management
Field of study:	**60410100 -**	Economics (by sectors and spheres)

Module links

Module name:	Digital economy
Code (if applicable)	RAKIQT 2405
Courses (if applicable)	2 (Bachelor)
Module-trained semesters	4.
Tongue	Uzbek language
Connection with the curriculum	Elective course
Type of training, contact hours	Lecture, practical
Study load	Total teaching load: 150 hours. Classroom hours: 60 hours; lecture: 30 hours, practical training: 30 hours; independent study: 90 hours
Credit points	5.
Recommended previous subjects	Economic Theory, Information and Communication Technologies and Systems in Economics

Module objectives / expected learning outcomes	It consists in teaching students the theoretical foundations of the digital economy, basic concepts and categories, digital technologies, digital transformations in all spheres of industry, digital platforms, the basics of e-business and e-commerce, as well as forming the ability to apply them in practice. Ensuring and determining the prospects for the development of the activities of society, the state, the individual, and economic entities in the rapidly developing processes of the digital economy, digitalization of production processes in various sectors and spheres, electronic document management in economic and analytical services, government bodies and other organizations, e-commerce systems for providing services to individuals and legal entities, as well as the development of digital economic activity across sectors and spheres through the application of digital economy technologies, digitalization of business processes, organization of digital economy infrastructure, and information security are of particular importance.
Content	This subject is one of the fundamental directions that plays an important role in the modern and innovative development of the economy and is one of the main economic disciplines taught at the bachelor's/master's level. The purpose of the discipline "Digital Economy" is to form systematized knowledge and skills in students about the theoretical foundations of digitalization of economic processes, mechanisms for introducing digital technologies into the economy, digital transformation, working with data, electronic services, and the importance of the digital economy in management.
Training and Examination Requirements	**a) To score 90-100 points, the student's knowledge level must meet the following requirements:** - can fully illuminate the essence and content of the subject; - maintains scientific and logical nature in the presentation of topics in science, does not allow scientific errors and confusion; - has a clear idea of the theoretical or practical significance of the subject materials in the subject; - can demonstrate the ability to think independently and freely within the framework of science; - can answer the given questions clearly and concisely; - if the notes are carefully prepared; - fully and accurately completed independent assignments; - has fully mastered laws and other regulatory legal documents related to the subject; - has published a scientific article on one of the topics related to the subject; - can interpret historical processes; **b) For a score of 70-89.9, the student's level of knowledge must meet the following requirements:** - understands the essence and content of science, does not allow scientific and logical confusion in the presentation of topics in science; - understood the practical significance of the subject's content; - performs the tasks and assignments given in the subject within the framework of the curriculum; - can correctly answer the questions on the subject; - has carefully formulated a synopsis of the subject;

	- fully completed independent assignments in the subject; - has mastered laws and other regulatory documents related to the subject. **c) For a score of 60-69.9, the student's knowledge level must meet the following requirements:** - has a general understanding of the subject; - if some confusion is allowed in the narrow coverage and presentation of topics in science; - if the presentation is not fluent; - if vague and confusing answers are received to questions on the subject; - if the text on the subject is not well-formed. **d) with a score of 0-59.9 in the following cases, the student's level of knowledge may be assessed as unsatisfactory:** - no preparation for classes in the subject; - does not have any knowledge of the subject; - if it is noticeable that they copied texts on the subject from others; - serious errors and confusions were made in the text on the subject; - if answers to questions about the subject are not received; - if they don't know the subject.
Exam forms	Oral, written, test
Applicable means	Completion of assignments on the subject and successful passing of current, interim, and final control.
List of educational literature	1. Lapidus L.V. Digital Economy (Eng. Yaz.): Textbook for bachelors and masters in the fields of "Economics" and "Management." - Тошкент, 2018. - 42 p. 2. Gulyamov S.S., Abdullaev O.M., Ayupov R. Digital Economy (Cryptocurrency and Blockchain). Study Guide. T.: Finance, 2020. - 354 p. 3. Gulomov S.S., Ergashev R.Kh., Khamrayeva S.N. Digital Economy. T.: Economics, 2020. 4. Ergashev R.Kh., Khamrayeva S.N. Digital Economy. Q: Intellect, 2021 5. Makarov A.Yu., Makarov A.A. Digital Economy. Technology changes management. Practical Implementation and Result: textbook /A.Yu.Makarov, A.A. Makarov. Moscow: Solon-Press, 2021. - 160 p. ISBN 978-5-91359-437-2.
Reviewers	**R.Kh.Ergashev** - KarMII, Professor of the Department of "Innovative Economics," Doctor of Economic Sciences. **A.B.Kurbanov** - Professor of the Department of "Economics" of the University of Economics and Pedagogy, Candidate of Economic Sciences.
Approved place and time	Developed and approved by Karshi State Technical University (Report No. 1, 26.08.2025)