REPUBLIC OF UZBEKISTAN

MINISTRY OF HIGHER EDUCATION, SCIENCE AND INNOVATION

KARSHI STATE TECHNICAL UNIVERSITY

"APPROVED"
Rector of Karshi State Technical University
_____ Sh.K.Nematov
"12" 08 2025

GREEN ECONOMY

MODULE GUIDE

Field of knowledge: 400000 - Business, management and law
Field of education: 41000 - Business and management
Direction of education: 60410100 - Economics

Module links

Module name:	The Green economy
Code (if applicable)	GRECO11210
Courses (if applicable)	1
Module teaching semesters	1
Language	Uzbek
Curriculum relevance	Compulsory
Type of teaching, contact hours	Lecture, practical.
Workload	Total workload: 150 hours, Auditory hours: 60 hours; Lecture: 30 hours, Practical: 30 hours, Self-study: 90 hours
Credit points:	5
Recommended previous subjects	Fundamentals of Economic Knowledge,Economic Theory,Macroeconomics,Environmental Economics.

Module objectives / expected learning outcomes	To teach students the theoretical foundations of economic knowledge, the basic concepts and categories of economics, economic laws and principles, and to develop skills for applying them in practice. These objectives allow students to learn the following: • to know and understand the terms, concepts, and theories related to the green economy; • to work with basic economic and environmental indicators and interpret them; • to use the methods and tools applied in green economy analysis; • to express economic-environmental ideas clearly, logically, and coherently in written and oral form; • to apply green economy concepts in scientific research and practical processes. **Expected learning outcomes of the module** **1. Theoretical knowledge and concepts.** Students will gain solid knowledge of the main categories, principles, and directions of the green economy (green energy, resource efficiency, sustainable development, etc.). They will acquire the ability to correctly use terms related to the green economy and to interpret theoretical processes. **2. Analytical skills.** Students will analyze economic processes using key economic and environmental indicators (carbon footprint, resource efficiency, share of renewable energy, etc.). They will develop skills in logically interpreting economic data, making comparisons, and drawing scientific conclusions. **3. Use of research and analytical tools.** Students will learn to work with graphs, statistical tables, and economic-environmental models. They will be able to apply methods used in green economy analysis (life-cycle analysis, carbon auditing, resource-flow analysis, etc.) in practical situations. **4. Communication and expression skills.** Students will master the ability to present scientific ideas related to the green economy clearly, logically, and comprehensibly in written and oral form. They will develop skills in using scientific-methodological language correctly, substantiating arguments, and providing evidence. **5. Practical application.** Students will be able to apply green economy concepts and mechanisms to solve real economic problems. They will study existing scientific research, international experience, and analytical materials, draw practical conclusions from them, and apply these conclusions in their professional activities.
Content	This subject is a fundamental basis of economics and is taught in the first year of study. The aim of the course *Economic*

	Theory is to introduce students to economics and to teach them how market mechanisms operate. Understanding the structure of this discipline includes aspects such as making entrepreneurial decisions, understanding and developing economic policy, and studying modern economic activities in general.
Study and exam requirements	**a) To obtain 90-100 points, the student's level of knowledge must meet the following requirements:** - fully explain the essence and content of the subject; - maintain scientificity and logic in presenting the topics in the subject, avoiding scientific errors and confusion; - have a clear idea of the theoretical or practical significance of the subject materials in the subject; - demonstrate the ability to think independently within the scope of the subject; - can answer the questions asked clearly and concisely; - has carefully prepared the outline; - has completed independent assignments completely and clearly; - has fully mastered the laws and other regulatory and legal documents related to the discipline; - has published a scientific article on one of the topics related to the discipline; - can interpret historical processes; **b) To obtain 70-89.9 points, the student's level of knowledge must meet the following requirements:** - understands the essence and content of the subject, does not allow scientific and logical confusion in explaining the topics in the subject; - understands the practical significance of the content of the subject; - performs the assigned tasks and assignments within the framework of the curriculum; - can correctly answer the questions asked in the subject; - has carefully formulated a subject outline; - has fully completed independent assignments in the subject; - has mastered laws and other regulatory documents related to the subject. **c) To obtain 60-69.9 points, the student's level of knowledge must meet the following:** - has a general understanding of the subject; - has some intricacies in covering and presenting the topics in the subject in a narrow scope; - if the presentation is not smooth; - if complex and confusing answers are given to questions on the subject; - if the text on the subject is not well-formed. **d) In the following cases with a score of 0-59.9, the student's level of knowledge may be assessed as unsatisfactory:** - if there is no preparation for the subject exercises; - if there is no idea about the subject exercises;

	- if it is noticeable that the texts on the subject have been copied from others; - if serious errors and confusions are made in the text on the subject; - if the questions asked about the subject are not answered; - - if the subject does not know the subject.
Exam formats	Oral, written, test
Means used	Complete subject assignments and successfully pass current, midterm, and final tests.
List of educational literature	• A. Khaitov, B. Khodiev. *Foundations of the Green Economy.* – Tashkent, 2020. • M. Abdurakhmonov, S. Khojayev. *Sustainable Development and the Green Economy.* – Tashkent, 2021. • Ministry of Economy and Finance of the Republic of Uzbekistan. *National Strategy for Transition to a Green Economy – 2030.* – Official publication. • N. Umurzakov. *Environmental Management and the Green Economy.* – Tashkent, 2019. • TSUE Teaching Manual: *Green Economy and Environmental Innovations.* – 2022.
Editors	S.N.Khamrayeva – KSU, Head of the Department of "Innovative Economics", Doctor of Economics, Professor. E.I.Ergashev – Professor of Tashkent State University of Economics, Doctor of Economics
Confirmed place and time	Developed and approved by Karshi State Technical University (Report No. 1, 26.08.2025)