

# **UNIVERSITY OF WORLD ECONOMY AND DIPLOMACY**



## **Syllabus**

### **Subject:**

**Green Economy**

**ELCM26E6**

**2024-2025**

**MINISTRY OF FOREIGN AFFAIRS OF THE REPUBLIC OF UZBEKISTAN**  
**UNIVERSITY OF WORLD ECONOMY AND DIPLOMACY**  
**DEPARTMENT OF INTERNATIONAL ECONOMICS**

«I confirm»  
First Vice-Rector for  
Academic Affairs  
A. Umarov

2024-year “\_\_\_” \_\_\_\_\_



**GREEN ECONOMY SYLLABUS**  
**(ELCM26E6)**

<b>Field of Study:</b>	400 000 – Business, Management, and Law
<b>Area of Education:</b>	410 000 – Business and Management
<b>Educational Program:</b>	60412000 – International Economics and Management

**Tashkent – 2024**

**Amount of Credits:** 6 ECTS  
**Type of education:** Day time  
**Hours (total):** 180 hours  
Lecture: 30 hours  
Practical training: 30 hours  
Independent learning: 120 hours  
**Language of Education\*:<sup>1</sup>** Uzbek/Russian languages  
**Semester:** 5  
**Department:** "International Economics"  
**Lecturer:** Turayeva Suriya Telmanovnani qizi - Associate Professor of the Department of International Economics, Candidate of Chemical Science.

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**Consultation days:** Tuesday, 12:00-15:00

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**Reviewers:**

**1. Sharifxodjayev SH. A. Professor of the Department of World Economics, Ph.D**

**2. Muradova L. P. Project Leader and Academic Coordinator of the Erasmus Center of Excellence in Sustainable Business and Finance at TDIU.**

**Agreed:**

**Head of the Educational and Methodological Department:** \_\_\_\_\_ **U.Dustov**

**Dean of the Faculty:** \_\_\_\_\_ **M. Xamdamov**

**Head of department:** \_\_\_\_\_ **L. Tashpulatova**

**This syllabus has been approved by the Educational-Methodological Council by protocol No. \_\_\_\_\_ dated "\_\_\_" \_\_\_\_\_, 2024.**

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\* Lectures will be given in English. Seminars may be held in Uzbek, English, or Russian.

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## **1. Course description**

Within this course, students will gain a deep understanding of the subject and objectives of the "Green Economy" course, its place in economic science, and the theoretical and methodological foundations for studying the principles and mechanisms of managing green growth in the modern economy. The goal of mastering the "Green Economy" course is to provide students with a general understanding of the green economy in the modern world, its implementation in various countries and in Uzbekistan, as well as its essence and significance. Additionally, the course covers the conditions for the development of economic sectors.

## **2. Course Prerequisites**

No prerequisites are required for this course

## **3. Course Objectives**

The primary objective of this course is to provide students with a comprehensive understanding of the green economy in the modern world, the characteristics of international regulatory frameworks, and the foundations for establishing and operating a green economy in Uzbekistan. The course also aims to develop students' knowledge of the green economy's principles, its significance in the development of national economic sectors, and the practical skills required in this field.

## **4. Learning Outcomes**

Upon successful completion of this course, students will acquire the following competencies:

The ability to search for, critically analyze, and synthesize information, as well as apply a systematic approach to solving assigned problems.

The ability to utilize both local and international sources, collect and analyze relevant data, and prepare information reviews and analytical reports for addressing professional challenges.

Knowledge of the fundamentals of creating and managing a green economy, as well as methods for developing management decision-making options in business and justifying their selection based on green economy principles.

The ability to develop mechanisms for implementing environmental and economic policies at various levels and evaluate the effectiveness of proposed initiatives, projects, and activities while considering their socio-economic and environmental implications.

Proficiency in using general scientific methods such as analysis, synthesis, induction, logical reasoning, and empirical research techniques, including surveys, observations, and document analysis.

Practical skills in assessing the effectiveness of proposed initiatives and projects while taking into account their socio-economic and environmental consequences.

## **5. Independent learning and Assignments**

Independent work is designed to deepen students' knowledge of the course material. It involves individual study of primary and supplementary literature, as well as writing essays based on pre-selected specialized sources.

Assignments are tailored individually for each student and include theoretical questions such as:

Assessing the ecological footprint of three countries with different levels of economic development.

Conducting a detailed SWOT analysis of a specific power plant.

Measuring the Green Growth Index.

Examining the environmental conditions of a selected city.

Determining the share of employment in the green industry within a specific country.

All assignments will be organized through the university's Moodle system. Students must upload their completed assignments (in PDF format) to the system within one week.

Students are required to submit all assignments on time. Late submissions will not be accepted or allowed for resubmission.

## 6. Assessment of Students' Knowledge

Assessment system	Numerical value	Percentage indicator
	5	90-100% Current assessment-30%
	4	70-89% Midterm assessment 30%
	3	60-69% Final exam- 40%
	2	0-59%

***Students must submit all assignments on time. Resubmissions of missed assignments will not be permitted***

## 7. Bibliography

### I. Main:

1. Handbook of Green Economics 1st Edition - August 27, 2019, Editors: Sevil Acar, Erinc Yeldan Language: English, Paperback ISBN: 97801281663526, eBook ISBN: 9780128166444
2. Яшил иқтисодиёт ва экология. Дарслик. Н.Ҳ.Ҳакимов, О.М.Ахмедов, А.А.Абдумаликов. Тошкент шаҳридаги Ёджу техника институт. Тошкент 2021.
3. Основы зеленой экономики. Учебное пособие. Первое экономическое издательство. Хамзина Шолпан Шапиевна, Алтайбаева Жанат Калеловна, Нарынбева Айна Сериковна. 2020

### II. Additional:

1. "O'zbekiston-2030" Strategiyasi: asosiy yo'nalishlar. O'zbekiston Respublikasi Prezidentining Farmoni. 11.09.2023 yildagi PF-158-son.
2. 2019 — 2030 йиллар даврида Ўзбекистон Республикасининг «яшил» иқтисодиётга ўтиш стратегиясини тасдиқлаш тўғрисида Ўзбекистон Республикаси Президентининг Қарори, (Қонун ҳужжатлари маълумотлари миллий базаси, 05.10.2019 й., 07/19/4477/3867-сон; Қонунчилик маълумотлари миллий базаси, 03.12.2022 й., 07/22/436/1061-сон).
3. United Nations: Agenda 2030 for Sustainable Development, GEI Green Economics Institute, 019, ISSN: 9781907543616.
4. Зеленая экономика. Электронное учебное пособие. Хамзина Ш.Ш., Алтайбаева Ж.К., Нарынбева А.С., Павлодар 2021. <https://textbook.tou.edu.kz/books/002/index.html>.
5. EBRD Sustainability Report 2022.
6. Управление зеленым развитием национальной экономики: Конспект лекций / Е.Б. Дорина, Т.В.Буховец. Проект «Содействие переходу Республики Беларусь к «зеленой» экономике». – Минск: Белсэнс, 2017. – 191 с. ISBN 978-985-6946-75-5.

7. Торговля и зелёная экономика: Руководство. 2014 Международный институт устойчивого развития. ISBN 978-5-7934-0692-5. <https://www.iisd.org/>
8. Employment Implications of Green Growth: Linking jobs, growth, and green policies, OECD Report for the G7 Environment ministers, 2017.
9. Communication and roadmap on the European Green Deal, <https://sustainabledevelopment.un.org/post2015/transformingourworld>
10. City Changer Jan Gehl: Creating Liveable Cities, <https://citychangers.org/citychanger-jan-gehl/>

## 8. Course structure

№	Topics	Lecture, practical, and seminar lesson plan (Literature)	Main literature	Additional literature	Hours		
					Lecture	Practical and seminar	Independent Literature
1.	<b>Topic 1.</b> Fundamentals of the Green Economy	The Subject and Objectives of the "Green Economy" Course, Its Place and Role in Economic Science. Theoretical and Methodological Foundations for Studying the Principles and Mechanisms of Managing Green Growth in the Modern Economy. Development of the "Green Economic Growth" Concept.	1	1,3,5	2	2	8
2.	<b>Topic 2.</b> Main Reasons for the Emergence of the Green Economy	Resources, Their Scarcity, and Utilization. Population Growth and Increasing Needs. Global Warming. Environmental Impact. Environmental Efficiency Index.	1	1,3,5	2	2	8
3.	<b>Topic 3.</b> Green Economy and Sustainable Development	Green Economic Development in the Context of Sustainable Development. The Relationship Between the Concepts of "Green Economy" and "Sustainable Development." The Essence of the "Brown" Economy. Green Growth, Green Economy, and Green Development.	2	2,5,4	2	2	8
4.	<b>Topic 4.</b> Key Directions of the Green Economy	Green Standards System. Characteristics of Green Projects. Implementation of Green Technologies in the Agro-Industrial Complex and Other Sectors of the Economy. Sustainable Energy. Agriculture and Freshwater.	2	2,6,7	2	2	8
5.	<b>Topic 5.</b> Renewable	Types of Renewable Energy Sources. General Overview of the	3	1, 3,5	2	2	8

	Energy Sources as the Foundation of the Green Economy	Use of Renewable Energy Sources (RES). Challenges and Prospects. The Use of Renewable Energy Sources as a Tool for Achieving Sustainable Development Goals. Control Methods for Improving Energy Efficiency. Priority Directions of the Green Development Strategy Adopted by ESCAP.					
6.	<b>Topic 6.</b> The Role and Importance of the European Union in the Development of the Green Economy	EU Green Development Policy. The Essence of the European Union's "Europe 2020" Strategy. The "Resource-Efficient Europe" Flagship Initiative. The EU Roadmap for a Resource-Efficient Europe. Roadmap for a Low-Carbon Economy. EC Program "Rio +20". The Environmental Innovation Action Plan (Eco-AP). The Five Principles of the Green Economy. The European Green Deal as a Roadmap for a Sustainable Economy.	2	1,2,4	2	2	8
7.	<b>Topic 7.</b> Key Principles of Green Building	"Green" Architecture, "Green" Buildings. Green Design and Construction Standards. Fundamentals of Green Building and Energy Efficiency. Improving the Energy Efficiency of Buildings. BREEAM and LEED Standards.	3	1,6,7	2	2	8
8.	<b>Topic 8.</b> Sustainable transport	Optimization of Urban Transport Movement. UNEP Transport Strategy. Cooperation on the Use of Clean Fuels in European Union Countries.	1	3,6	2	2	8
9.	<b>Topic 9.</b> Green Investments within the Global Green New Deal	Key Sectors of the Economy during the Transition to Green Development. Investments in Energy and Clean Technologies. Clean Energy Initiatives.	2	1,7	2	2	8
10.	<b>Topic 10.</b> Green Jobs as the Basis of Environmentally Friendly Work Economy	Employment Share and Skill Level in Carbon-Intensive Sectors. Employment Statistics in Green Manufacturing and Services in the Private Sector.	2	2,8	2	2	8
11.	<b>Topic 11.</b> Building International	International Trade. Global Carbon Market. Global Markets for Ecosystem Services	1	2,3,4	2	2	8



	Policy						
12.	<b>Topic 12.</b> Developing a green economy in developing countries	Turning COP26 climate commitments into action in Asia. Corporate activity in the renewable energy sector has increased.	2	1,3,4	2	2	8
13.	<b>Topic 13.</b> The role of the government in developing a green economy	The role of the state as a key participant in the development of the green economy. Development and transfer of technologies.	3	1,6,7	2	2	8
14.	<b>Topic 14.</b> Financing the Green Economy	What is green finance? "Green" loans, "ecological" leasing, and issuance of "ecological" securities. Green Economy Financing Program (GEFP)	2	1,2,5	2	2	8
15.	<b>Topic 15.</b> "Green" investments in the Republic of Uzbekistan and prospects for their development	Programs and laws adopted in the Republic of Uzbekistan in the field of "green" economy. "Green" economy sectors. Regulatory instruments. Economic instruments	2	1,8,10	2	2	8
<b>Total</b>					<b>30</b>	<b>30</b>	<b>120</b>

### 9. Assignments for practical exercises

Types of evaluation	Maks. ball	Assignments for independent work	Deadline
Task 1	4	Determine the ecological footprint of three countries with different levels of economic development	By the end of week 3
Task 2	4	Conduct a detailed SWOT analysis of a specific power plant	By the end of week 5
Task 3	4	Measure the Green Growth Index	Until the end of week 8
Task 4	4	Review the environmental condition of the selected city's country	By the end of week 13
Task 5	4	Determine the share of employment in the green industry in a specific country.	By the end of week 14
<b>Participation in seminar sessions</b>	<b>10</b>	Students who attend all seminar sessions will receive 10 points. For each unexcused absence, 20% (2 points) will be deducted.	During the semester

<b>Midterm exam №1</b>	<b>15</b>	Complete the independent work based on the given requirements.	By the end of week 7
<b>Midterm exam №2</b>	<b>15</b>	Independent work on the topics covered Written work - answers to questions on the topics covered	By the end of week 15
<b>Final exam</b>	<b>40</b>	The final examination can be conducted in the form of a test or a written assignment. Final examination questions are not given to students, but all questions are prepared based on the main and additional literature.	During inspection week
<b>Total</b>	<b>100</b>		

### 10. Academic requirements

*The relationship between the teacher and the student should be sincere and impartial. The student submits independently completed assignments through the learning platform in the prescribed manner and receives a response in the same manner. Assignments not completed by the specified deadline will not be accepted again.*

*Any type of plagiarism is strictly prohibited. Assignments submitted in this way are considered 0 points and are not allowed to be resubmitted. The teacher checks the assignments completed by the student in the anti-plagiarism program, works with an originality level of less than 75 percent will not be accepted for assessment.*

*When completing any assessed assignment, students are prohibited from:*

- working with other students and uploading the same work (essays, project work, assignments, etc.);*
- copying other people's works, works, research and ideas from books or the Internet and submitting them as their own.*

*Works submitted after the specified deadline, regardless of the reasons for the delay, will not be accepted, and changing the deadlines is not allowed.*

*The use of laptops, smartphones, and other personal electronic devices is prohibited during classes. Such devices may be used with the permission of the teacher during necessary activities.*