

Subject card

Subject name and code	Concepts of Green Economics, PG_00172681						
Field of study	Business and Environmental Technology						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
Education level	Master's studies		Subject group				
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	1		ECTS credits		2.0		
Learning profile	academic		Assessment form				
Conducting unit	Department of Macroeconomics -> Faculty of Economics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Jerzy Podlewski				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	15		13.0		22.0	50
Subject objectives	The aim of the course is to acquire skills and knowledge in the formulation of objectives for the development of the green economy in a selected local or regional area, the design of activities to achieve these objectives, the principles of allocation of development funds and the monitoring of the progress of activities and the achievement of objectives.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[BiTEMU2_W06] has in-depth knowledge of views on selected types of economic entities, structures and institutions as well as selected categories of economic ties and their historical evolution	Acquires the ability to critically analyse various manifestations of economic activity, regulations, good practices, principles and rules in order to determine their degree of compatibility, relevance to the development of the green economy concept	[SW5] implementation of a problem task
	[BiTEMU2_W05] knows various types of economic and social bonds and relations created by economic sciences and about the regularities that govern them	Acquires the ability to put into practice various forms of analysis of economic relations at the micro- and macro-economic level and to draw conclusions useful in developing the concept of the green economy.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
	[BiTEMU2_W09] predicts the effects of human interference in the natural environment and analyzes the impact of human activity on the quality of the environment on a local, regional and global scale	Acquires the ability to analyse and interpret economic phenomena independently, taking into account their importance for sustainable, responsible economic development, the role of the enterprise in society, its impact on the environment, adherence to ethical and moral principles.	[SW1] oral statement/ conversation/discussion [SW3] text preparation/written work [SW5] implementation of a problem task
	[BiTEMU2_W01] describes the relationship between economics and ecological technology, their place in the system of social and exact sciences	Student is able, on the basis of natural sciences (in particular chemical sciences), to recognise, interpret conditions and constraints for the implementation of the green economy concept and to propose solutions combining elements of economic and natural sciences.	[SW2] presentation/project/paper/ report [SW5] implementation of a problem task
	[BiTEMU2_U02] uses in practice various forms and scope of acquired economic knowledge, complementing it with a critical analysis of effectiveness and usefulness	Acquires the ability to use the various means of acquiring knowledge available: traditional, web-based, using artificial intelligence and other sources, and acquires the practical ability to analyse and evaluate the relevance and veracity of the information so acquired.	[SU2] presentation/project/paper/ report [SU5] implementation of a problem task [SU8] observation of student's independent or team work
	[BiTEMU2_W03] has in-depth knowledge of economic processes, phenomena, entities, structures and institutions as well as the detailed principles of their functioning	Student is able to recognise, interpret the conditions and constraints for realising the green economy concept and propose solutions combining elements of economic and natural sciences.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/ report
	[BiTEMU2_U01] is able, based on economic sciences, to correctly observe, interpret, and explain economic phenomena and processes and the mutual relations between them, using specialized economic terminology	Acquires practical skills on how to design an economic development concept with particular emphasis on the concept of green economy in a selected local or regional area	[SU1] oral statement/conversation/ discussion [SU5] implementation of a problem task [SU8] observation of student's independent or team work
	[BiTEMU2_K01] understands the need for lifelong learning, verifies the state of his or her economic knowledge, is able to inspire and organize the learning process of other people	Independently seeks out sources of new information, analyses them, assesses their relevance, subjects them to critical analysis and draws conclusions. Assists the team in the learning process both as a leader and as a member of the team.	[SK2] presentation/project/paper/ report [SK8] observation of student's independent or team work
	[BiTEMU2_K05] is characterized by personal values related to being guided in professional life by business ethics and corporate social responsibility, respect for others, and loyalty to the company	Acquires a high sensitivity to the company's internal and external environment relationships.	[SK1] oral statement/conversation/ discussion [SK8] observation of student's independent or team work

Subject contents	1.Definitions of the green economy2.Benefits and costs of developing a green economy3.Forms of support for the development of the green economy4 The green economy and the labour market5 The green economy and lifestyles6 Economic regulations against climate change 7.7 Green economy development strategies and operational activities8 Building synergies for green economy development9. implementation of green economy development programmes10 Assessing the effectiveness of supporting the development of the green economy11. Objective constraints and conditions for the implementation of the green economy concept		
Prerequisites and co-requisites	No requirements		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Graduation assignment or project	51.0%	100.0%
Recommended reading	Basic literature	G. Miranda i in., Zatrudnienie i rozwój lokalny w Polsce w kontekście zmian klimatycznych, OECD Paris 2011 Analiza zielonego rynku pracy w wojewodztwie podlaskim, WUP Białystok 2012 Praca wysokiej jakosci na zielonym rynku pracy w wojewodztwie mazowieckim, pr. zbiorowa, IBnDiPP, Warszawa 2013 E. Sidorczuk-Pietraszko, Wdrażanie koncepcji zielonej gospodarki w regionach Polski, Wydawnictwo UwB, Białystok 2020 G. W. vanLoon, S. J. Duffy "Environmental chemistry, a global perspective", Oxford University Press, Oxford 2011	
	Supplementary literature	Enabling local green growth. Addressing Climate Change Effects on Employment and Local Development, OECD Paris 2012 K. Waldron "The chemistry of everything", Pearson/Prentice Hall, Upper Saddle River 2007 A guidebook to the Green Economy, Division for Sustainable Development, UNDESA, UN New York, Green Economy In Action: Articles and Excerpts that Illustrate Green Economy and Sustainable Development Efforts, UNDP, New York 2012 4. William Stafford and Kristy Facer, Steering towards a Green Economy: A reference guide, CSIR, Pretoria 2014	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Make a critical analysis of the implementation of the green economy concept, using the example of a life science company from New Connect Warsaw Stock Exchange market.		
Work placement	Not applicable		

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