GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	DETERMINANTS OF SUSTAINABLE DEVELOPMENT, PG_00070608		
Field of study	Economics		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2028/2029
Education level	first-cycle studies	Subject group	Optional subject group Subject group related to scientific research in the field of study
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	3	Language of instruction	Polish
Semester of study	5	ECTS credits	3.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Philosophy and Science Methodology -> Faculty of Management and Economics -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Jakub Gużyński	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	15.0	15.0	0.0	0.0	0.0	30

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	30	3.0	42.0	75

Subject objectives

Preparation of students for critical analysis and interpretation of socio-political phenomena based on knowledge of sustainable development, as well as shaping attitudes related to critical thinking and civic responsibility in the context of responsible business practice.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_K01] is ready to fulfill professional roles responsibly, taking legal, ethical, and cultural aspects into account in decision-making processes.	is ready to perform professional roles responsibly in the field of analysing the determinants of sustainable development, taking into account legal, ethical, and cultural considerations related to economic policy, environmental protection, and social responsibility in decision-making processes	[SK1] Assessment of group work skills [SK3] Assessment of ability to organize work
[K6_U02] communicates effectively with others by preparing presentations that use terminology specific to the field of economics, and by evaluating diverse opinions during discussions and debates.	is able to define and analyse the socio-political determinants of sustainable development and communicate conclusions using terminology appropriate to the field of economics.	[SU3] Assessment of ability to use knowledge gained from the subject
[K6_W03] is familiar with reliable sources of information and employs advanced knowledge to explain the fundamental dilemmas of the contemporary economy	knows and understands the methods of identifying and critically evaluating reliable sources of information in the context of analysing the socio-political determinants of sustainable development.	[SW1] Assessment of factual knowledge

Subject contents	Course content – lecture 1. Sustainable Development - History of Ideas, Institutionalization, Application 2. Finitarianism - Neo-malthusianism, Limits to Growth 3. Kornukopianism - Ecomodernism 4. CSR / CSV 5. Ecological Economics - Basic Assumptions, Indicators, Degrowth, Doughnut Model 6. Development Theories - New Institutional Economics, Exogenous and Endogenous Growth Theory, World-Systems Theory, Dependency Theory, Decolonialism Course content – exercises 1. Analysis of Sustainable Development Reports 2. Contemporary Debates Around Climate Change 3. Directions of Sustainable Development - Green Energy, Technological Solutions, and Political Solutions 4. Economic Inequality 5. Poland's Sustainable Development in a Global Perspective 6. Case Studies
Prerequisites and co-requisites	
Assessment methods and criteria	

Subject passing criteria	Passing threshold	Percentage of the final grade
Group project	60.0%	50.0%
Written test with multiple-choice questions	60.0%	50.0%

Recommended reading	Basic literature	1. Kate Raworth. 2021. Ekonomia obwarzanka. Siedem sposobów myślenia o ekonomii XXI wieku. Krytyka Polityczna 2. Jason Hickel. 2022. Mniej znaczy lepiej. O tym, jak odejście od wzrostu gospodarczego ocali świat. Karakter 3. Ewa Bińczyk. 2023. Uspołecznianie antropocenu. Ekowerwa i ekologizowanie ekonomii. WN UMK 4. Daron Acemoglu, James A. Robinson. 2024. Dlaczego narody przegrywają. Zysk i S-ka
	Supplementary literature	1. Fredrik Albritton Jonsson, Carl Wennerlind. 2023. Scarcity. A History from the Origins of Capitalism to the Climate Crisis. Harvard University Press 2. Rockström, J., Steffen, W., Noone, K. *et al.* 2009. A safe operating space for humanity. "Nature" 461, 472475.
	eResources addresses	
Example issues/ example questions/ tasks being completed	• Define sustainable development. • Identify endogenous and exogenous development factors. • Discuss the basic assumptions of ecological economics.	
Practical activites within the subject	Not applicable	

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