GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Economic Geography and Resource Management, PG_00067941		
Field of study	Economics		
Date of commencement of studies	October 2025	Academic year of realisation of subject	2026/2027
Education level	first-cycle studies	Subject group	Obligatory subject group in the field of study 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	2	Language of instruction	Polish
Semester of study	3	ECTS credits	3.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Economic -> Faculty of Management and Economics -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. Elżbieta Wojnicka-Sycz	
	Teachers	prof. dr hab. Elżbieta Wojnicka-Sycz	

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	15.0	0.0	30.0	0.0	0.0	45

E-learning hours included: 0.0

eNauczanie source addresses:

Moodle ID: 9080 GEOGRAFIA EKONOMICZNA I GOSPODARKA ZASOBAMI
https://enauczanie.pg.edu.pl/2025/course/view.php?id=9080

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	45	5.0	25.0	75

Subject objectives

preparation of students to analyse and interpret the spatial differentiation of economic activity and resource management mechanisms, based on knowledge of economic geography, resource economics, and location processes, as well as to develop attitudes of critical thinking, responsibility in the selection and interpretation of data, and sensitivity to the principles of sustainable development in the context of global, national, regional, and local problems of resource allocation.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_K03] is prepared to critically assess the knowledge they possess, which is necessary for solving cognitive and practical problems, and to supplement any gaps with opinions from external experts.	is ready to critically evaluate knowledge about the spatial distribution of economic activity by verifying sources and supplementing information with data from reliable sources.	[SK2] Assessment of progress of work [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 prepare a presentation on economic geography and resource management, applying data analysis methods to formulate conclusions using economic terminology.	[SU5] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information
[K6_W03] is familiar with reliable sources of information and employs advanced knowledge to explain the fundamental dilemmas of the contemporary economy	knows reliable sources of information and is able to apply advanced knowledge of economic geography and resource management in the context of the spatial distribution of economic activity and issues related to the use of natural resources.	[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects

Subject contents

Course content – lecture

1. Introduction to economic geography in XXI century.
2. Key concepts: location, place, territory, distance, proximity, diversity, scale, heterogeneity, and differentiation.
3. Theoretical perspectives in economic geography
4. The geography of the world economy (I) globalisation, uneven development, resources.
5. The geography of the world economy (II) - key economic actors (global leaders, transnational corporations, labour migration)
6. The geography of the world economy (III) interconnectedness and global economic networks
7. Industrial location theory and practice industrial clusters and agglomeration economies
8. Regional and local aspects of socio-economic disparities
9. Economics of natural resources key concepts and theories
10. Resource extraction economies and their development challenges
11. Climate change economics and sustainable resource management
12. Energy resources production, distribution, energy transition
13. Circular economy and resource efficiency
14. Digital economy and spatial dimensions of technological progress
15. Conclusions and future horizons

Course content – laboratory

practical analysis of the topics covered in the lectures, using real statistical data on the spatial distribution of economic activity and resources (including natural resources)

Prerequisites and co-requisites

Basic knowledge od microeconomics, macroeconomics and statistical analysis.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Written test with calculation tasks	60.0%	30.0%
Prezentacja z dyskusją	60.0%	20.0%
Written assessment	60.0%	50.0%

Recommended reading

Basic literature

- Geografia ekonomiczna, red. K.Kuciński, Oficyna Wolters Kluwer, Warszawa 2015.
- Wróbel, A. (2017). Geografia ekonomiczna. Międzynarodowe struktury produkcji i wymiany. Wyd. Scholar.
- Coe, N. M., Kelly, P. F., & Yeung, H. W. C. (2019). Economic geography: A contemporary introduction (3rd ed.). Wiley-Blackwell.
- Clark, G. L., Feldman, M., Gertler, M. S., & Wójcik, D. (Eds.). (2018). The new Oxford handbook of economic geography. Oxford University Press.
- Tietenberg, T., & Lewis, L. (2024). Environmental and natural resource economics (12th ed.). Routledge.

Supplementary literature

- Jackson, T. (2015). Dobrobyt bez wzrostu. Ekonomia dla planety o ograniczonych możliwościach. Toruń: Wydawnictwo Naukowe Uniwersytetu Mikołaja Kopernika.,
- Rogall, H. (2010). Ekonomia zrównoważonego rozwoju: teoria i praktyka. Poznań: Zysk i S-ka Wydawnictwo.
- Raworth K. (2021). Ekonomia obwarzanka. Siedem sposobów myślenia o ekonomii XXI wieku. Warszawa; Wydawnictwo Krytyki Politycznej.
- DAlisa Giacomo i in. (2020). Dewzrost. Słownik nowej ery. PDF: https://www.beezar.pl/ksiazki/dewzrost-slownik-nowej-ery

eResources addresses

Example issues/ example questions/ tasks being completed

Compare the impact of natural resources on economic growth in developed and developing countries. Does resource wealth always lead to economic growth?

Practical activites within the subject

Not applicable

Document generated electronically. Does not require a seal or signature.