University of Gdańsk

Subject card

Subject name and code	Principles of physical geography - lecture, PG_00054148		
Field of study	Geography		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2024/2025
Education level	undergraduate 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	1	Language of instruction	Polish Polish
Semester of study	1	ECTS credits	1.0
Learning profile	academic	Assessment form	
Conducting unit	Pracownia Badań Klimatu -> Katedra Oceanografii Fizycznej i Badań Klimatu -> Faculty of Oceanography and Geography		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Mirosława Malinowska	
	Teachers	dr Mirosława Malinowska	

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	20.0	0.0	0.0	0.0	0.0	20
	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	20	2.0	8.0	30

Subject objectives	To consolidate and expand knowledge of the place and role of physical geography in the system of sciences, the basic processes and phenomena occurring on the Earth, and the interaction of the components of physical geography. To acquire the ability to describe the interacting processes taking place in the interior and on the surface of the Earth and to explain their causes. Acquire the ability to recognize the basic forms of the earth's surface and explain their genesis.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[GEOGRL3-W02] key concepts in geography and theories on spatial variation and distribution of processes and phenomena on the Earth's surface	K_W02 - key concepts in physical geography and theories of spatial differentiation and distribution of physical geographic processes and phenomena on the Earth's surface; Curriculum content: A2 - A8	[SW4] test/exam - oral or written
[GEOGRL3-W01] to an advanced degree, the specificity of geography as a discipline that integrates knowledge from various fields, its genesis and development, as well as the specifics of geographic sciences, their internal structure, object of research and place in the system of sciences	K_W01 - in an advanced degree the specificity of physical geography as a discipline integrating knowledge from various fields and the specificity of physical geographic sciences, their internal structure, the object of research and place in the system of sciences; Curriculum content: A1.	[SW4] test/exam - oral or written
[GEOGRL3-W05] Has advanced knowledge of the environment Earth's geographic environment, understood as a unified system of interrelated and interacting each other's components; its diversity, functioning and dynamics of change, including the mutual interaction of environmental components in the area of South Baltic Coastal and Lake Districts	K_W05 - has advanced knowledge of the geographical environment of the Earth, understood as a unified system of interrelated and interacting components; its differentiation and functioning; Curriculum content: A9	[SW4] test/exam - oral or written
[GEOGRL3-U01] identify and analyze basic natural and socio-economic processes and phenomena and analyze their causes and course	K_U01 - identify and analyze basic natural processes and phenomena and analyze their causes and course; Curriculum content: A2-A9	[SU4] test/exam - oral or written
[GEOGRL3-W03] in an advanced degree the processes and phenomena occurring in the natural environment of the Earth, with particular emphasis on the processes and phenomena occurring on the territory of Poland, especially the Coastal and South Baltic Lake Districts	K_W03 - in an advanced degree the processes and phenomena occurring in the natural environment of the Earth; Curriculum content: A2 - A8	[SW4] test/exam - oral or written

Subject contents

A. Problems of the lectureA.1 Geography as a scienceA.2 The place of the Earth in the universe,A.3 The shape and size of the Earth,A.4 Processes occurring in the Earth's atmosphere,A.5 Hydrosphere,A.6. Processes that shape the relief of the Earth's surface,A.7. Pedosphere and biosphere.A.8. Interactions between the various components of the natural environment.A.9. Earth as a system.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
test	51.0%	100.0%

Recommended reading

Basic literature

- Flis, J., Introduction to physical geography. Wyd Szk. i Ped., Warsaw 1985, 1988, (in Polish)- Kalesnik S., 1975, Fundamentals of physical geography, PWN, Warsaw, (in Polish)- Makowski J., 2018, Physical geography of the world, Wyd. nauk. PWN (in Polish)- Geographical atlas of the world, PPWK or Demart (any edition).(in Polish)- Kostrzewski, A., Great encyclopedia of world geography vol: I and II (Dictionary of geographical terms). Kurpisz Publishers. 2001.(in Polish)

	Supplementary literature	Van Andel T.H., 1998, A new look at the old planet. The changing face of the Earth, PWN, Warsaw.Marcinek J., 1991, Glaciers of the globe, PWN, Warsaw.Martyn D., 1991, Climates of the globe, PWN, Warsaw.
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	Using the South Baltic Lake District as an example, describe the interactions between any three components of the natural environment.Explain the mechanism of formation of sea currents.Describe the processes occurring in the subduction zone.Describe the model of the general circulation of the atmosphere.	
Work placement	Not applicable	

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