University of Gdańsk

Subject card

Subject name and code	Environmental formation and protection - laboratory, PG_00119841						
Field of study	Geography						
Date of commencement of studies	October 2024		Academic year of realisation of subject	2025/2026			
Education level	Bachelor's 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	4		ECTS credits	1.0			
Learning profile	academic		Assessment form				
Conducting unit	Zakład Badań Krajobrazu i Kształtowania Środowiska -> Instytut Geografii Społ-Ekon i Gospodarki Przestrzennej -> Faculty of Social Sciences -> Rektor						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Sylwia Horska-Schwarz				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	20.0	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		3.0	7.0	30	
Subject objectives	1 - knowledge of the legal, organizational, natural and functional conditions of environmental protection;2 - detailed knowledge of the legal forms of nature and environmental protection and the ability to apply them in resource protection;3 - cognition of environmental protection bodies and their powers;4 - cognition of the principles of formation and use of space under conditions of sustainable development;5 - cognition of basic natural processes as the basis of economy and environmental protection;6 - getting to know the determinants of environmental functioning;7 - learning about basic terrestrial ecosystems and their importance for environmental functioning and human management;8 - learning about threats to the environment and tools to counteract them, as well as the principles of reclamation and revaluation of environmental resources;9 - mastering environmental terminology and its application to spatial policy and environmental protection;10 - mastering the ability to assess and predict natural processes, threats and impacts on the environment of human life						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[GEOGRL3-K04] social action, including cooperation to preserve the ecological balance and protect the Earth's resources and its sustainable development, using forms of own entrepreneurship for this purpose	K_K04 - works together to protect the environment, preserve biodiversity biodiversity and sustainable development; curriculum content: B.2, B.3	[SK3] text preparation/written work [SK8] observation of student's independent or team work
	[GEOGRL3-U02] formulate and analyze basic problems concerning changes in physical and geographic conditions and the social, economic and political situation in local, regional and global scales	K_U02 - indicates and analyzes the basic problems associated with pressure anthropogenic pressures in the environment at different spatial scales; program content: B.1	[SU3] text preparation/written work [SU4] test/exam - oral or written
	[GEOGRL3-U03] use theoretical knowledge of geographic sciences and available sources of information to correctly interpret basic natural, social, economic and political processes	K_U03 - based on available sources of information, legal acts, documents and literature, interprets the basic processes and phenomena occurring in the environment; program content: B.4	[SU3] text preparation/written work [SU8] observation of student's independent or team work
	[GEOGRL3-W06] interactions between the natural and anthropogenic environment at different spatial and temporal scales, in particular the processes and phenomena occurring in the area of the South Baltic Coastal and Lake District and the determinants of these interactions	K_W06 - has knowledge about threats and forms of degradation of environmental resources in Poland and Europe (at different spatial and temporal scales) and their consequences; content program content: B.1	[SW4] test/exam - oral or written [SW3] text preparation/written work
	[GEOGRL3-U01] identify and analyze basic natural and socio-economic processes and phenomena and analyze their causes and course	K_U01 - identifies and analyzes the phenomena and processes occurring in the environment natural environment, indicating their causes, course and effects, as well as possibilities of counteraction counteraction; program content: B. 1, B.3, B.4, B.5	[SU3] text preparation/written work [SU4] 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 - posiada zaawansowaną wiedzę o środowisku jako systemie i poszczególnych komponentach wraz z ich wzajemnymi powiązaniami; treści programowe: B.1, B.2, B.4	[SW4] test/exam - oral or written [SW3] text preparation/written work
	[GEOGRL3-U05] find and select the necessary information from professional literature and other sources, including electronic sources	K_U05 - analyzes and interprets environmental data; curriculum content: B.4	[SU3] text preparation/written work [SU8] observation of student's independent or team work
	[GEOGRL3-U06] apply methods and research tools of geographic sciences, including conducting observations and field measurements, and assess their suitability for the tasks in which the application objective of geography can be achieved	K_U06 - applies appropriate research tools and methods to analyze the state of the of the environment and changes in it; program content: B.5	[SU3] text preparation/written work [SU8] observation of student's independent or team work
	[GEOGRL3-W08] at an advanced level methods and principles development of data on the natural and anthropogenic environment, and methods of their analysis and interpretation	K_W08 - has advanced knowledge of existing sources of data environmental, biodiversity data, and indicators of sustainable development, along with methods of their analysis and interpretation; content curriculum: B.5	[SW4] test/exam - oral or written [SW3] text preparation/written work

	Course outcome	Subject outcome	Method of verification
	[GEOGRL3-U08] use scientific language and express themselves and discuss topics concerning geographic issues in Polish and in a foreign language	K_U08 - uses terminology related to environmental degradation and protection, including functioning in international circulation; program content: B.4, B.5	[SU3] text preparation/written work [SU4] test/exam - oral or written

Subject contents

B. Laboratory content:B.1. Types and forms of degradation of the geographical environmentB.2 Forms of environmental protection and nature conservationB.3. Reclamation of the natural environmentB.4 Shaping of the environment - the aspect of the component and the wholeB.5 Selected issues of environmental resource management

Prerequisites and co-requisites

no requirements

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
observation of student's performance	51.0%	10.0%
staged work	51.0%	45.0%
tests	51.0%	45.0%

Recommended reading

Basic literature	- Czochański J.T., Wiśniewski P., 2018: River valleys as ecological corridors structure, function and importance in the conservation of natural resources. Ecological Questions, 29(1), 7787. - European Environmental Agency Reports
Supplementary literature	- Bartkowski T., 1981, Kształtowanie i ochrona środowiska, PWN, Warszawa-Poznań. - Sołowiej D., 1992, Podstawy metodyki oceny środowiska przyrodniczego człowieka, Wyd. Nauk. UAM, Poznań, - Studia przyrodniczo-krajobrazowe województwa pomorskiego, Pomorskie Studia Regionalne, 2006, UMWP, Gdańsk, - Wiśniewski P., Wojtasik M., 2006: Problemy środowiskowe składowiska odpadów komunalnych w Rozwarzynie k. Nakła, Ekologia i Technika, vol. XIV, nr 2, 70-76. - Wiśniewski P., Loranc-Wiśniewska L., Wojtasik M., 2008: Finansowanie ochrony środowiska na przykładzie Banku Ochrony Środowiska S.A. Oddział w Bydgoszczy, Ekologia i Technika, vol. XVI, nr 5, 248-250. - Wiśniewski P., 2014: Powiatowe programy ochrony środowiska w kontekście zarządzania przeciwerozyjną ochroną gleb na przykładzie województwa kujawsko-pomorskiego. Woda-Środowisko-Obszary Wiejskie, t. 14, z. 2(46), 141-153. - Wiśniewski P., Wojtasik M., 2014: Wpływ erozji gleb na fizjonomię krajobrazu. Ekologia i Technika, 6 (133), 346-351. - Wiśniewski P.,
eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed

Work placement

Not applicable

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