

Subject card

Subject name and code	Environmental formation and protection - lecture, PG_00119840						
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			2.0		
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	30.0	0.0	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		5.0		25.0	60
Subject objectives	<p>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 lifeTranslated with DeepL.com (free version)</p>						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[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: A. 1, A.5, A.7, A.10, A.11, A.12., A. 13,	[SU4] test/exam - oral or written
	[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 program content: A.8, A.9, A.12, A. 13,	[SW4] test/exam - oral or written
	[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 referring to threats and forms of degradation of environmental resources in Poland and Europe (at different spatial and temporal scales) and their consequences; content program content: A.6, A.13,	[SW4] test/exam - oral or written
	[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: A.4-A.8, A.13,	[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: A. 1, A.3, A.4, A. 5, A.6, A.8-A.10, A.12, A.13,	[SU4] test/exam - oral or written
	[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; curriculum content: A.5-A.9, A.11-A.13,	[SU4] test/exam - oral or written
	[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: A.1, A.3, A.4, A.5, A.6, A. 8-A.10, A.12, A.13	[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 - has advanced knowledge of the environment as a system and individual components with their interrelationships; content program content: A.1, A.2, A.9, A. 10,	[SW4] test/exam - oral or written
	[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 - cooperates to protect the environment, preserves the diversity of the biological diversity and sustainable development; curriculum content: A.5, A.7, A.8, A.9, A.11, A.13,	[SK4] test/exam - oral or written

	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; curriculum content: A.1-A.4, A.6, A.11,	[SU4] test/exam - oral or written
Subject contents	<p>A. Problems of the lecture</p> <p>A.1 - environment as a system - basic concepts, geocomponents, environment as an object of protection, A.2 - history of environmental protection, A.3 - acts and legal forms of environmental protection and administrative bodies and their competences, A.4 - European policy on environmental protection, A.5 - opportunities and limitations in the use of environmental resources, A.6 - threats and forms of degradation of environmental resources in Europe (EEA Reports), A.7 - methods and opportunities to counteract environmental threats and degradation, A.8 - spatial policy and environmental protection in spatial planning, A.9 - biodiversity, its protection and importance, A.10 - functions and importance of selected natural ecosystems, A.11 - sustainable development - idea and practice, A.12 - protection of ecological connectivity - ecological corridors and animal passages, A.13 - protection, status and threats to the environment in the Pomeranian province.</p>		
Prerequisites and co-requisites	no		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	exam	51.0%	100.0%
Recommended reading	Basic literature	- Czochoński J.T., Wiśniewski P., 2018: River valleys as ecological corridors structure, function and importance in the conservation of natural resources. <i>Ecological Questions</i> , 29(1), 7787.	
	Supplementary literature	<p>- Bartkowski T., 1981, <i>Kształtowanie i ochrona środowiska</i>, PWN, Warszawa-Poznań.</p> <p>- Sołowiej D., 1992, <i>Podstawy metodyki oceny środowiska przyrodniczego człowieka</i>, Wyd. Nauk. UAM, Poznań,</p> <p>- <i>Studia przyrodniczo-krajobrazowe województwa pomorskiego</i>, Pomorskie Studia Regionalne, 2006, UMWP, Gdańsk,</p> <p>- Wiśniewski P., Wojtasik M., 2006: Problemy środowiskowe składowiska odpadów komunalnych w Rozwarzynie k. Nakła, <i>Ekologia i Technika</i>, vol. XIV, nr 2, 70-76.</p> <p>- Wiśniewski P., Loranc-Wiśniewska L., Wojtasik M., 2008: Finansowanie ochrony środowiska na przykładzie Banku Ochrony Środowiska S.A. Oddział w Bydgoszczy, <i>Ekologia i Technika</i>, vol. XVI, nr 5, 248-250.</p> <p>- Wiśniewski P., 2014: Powiatowe programy ochrony środowiska w kontekście zarządzania przeciwoerozyjną ochroną gleb na przykładzie województwa kujawsko-pomorskiego. <i>Woda-Środowisko-Obszary Wiejskie</i>, t. 14, z. 2(46), 141-153.</p> <p>- Wiśniewski P., Wojtasik M., 2014: Wpływ erozji gleb na fizjonomię krajobrazu. <i>Ekologia i Technika</i>, 6 (133), 346-351.</p> <p>- Wiśniewski P., 2015: Problematyka ochrony gleb przed erozją w gminnych programach ochrony środowiska. <i>Inżynieria i Ochrona Środowiska</i>, t. 18, nr 3, 311-322.</p>	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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