

**Subject card**

<b>Subject name and code</b>	Environmental conditions of human development, PG_00119832						
<b>Field of study</b>	Geography						
<b>Date of commencement of studies</b>	October 2024	<b>Academic year of realisation of subject</b>			2026/2027		
<b>Education level</b>	undergraduate studies	<b>Subject group</b>			Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	3	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	6	<b>ECTS credits</b>			1.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>					
<b>Conducting unit</b>	Zakład Badań Krajobrazu i Kształtowania Środowiska -> Instytut Geografii Społ-Ekon i Gospodarki Przestrzennej -> Faculty of Social Sciences						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr Barbara Korwel Lejkowska				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	10.0	0.0	0.0	0.0	0.0	10
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	10		5.0		15.0	30
<b>Subject objectives</b>	1 - to know the sources of sozological data; 2 - becoming acquainted with normative parameters of the quality of the environment relating to human living conditions; 3 - getting to know methods of analysis and diagnosis of sozological conditions; 4 - getting to know the spatial and temporal variability of sozological conditions in Poland; 5 - acquaintance with selected methods of shaping and protecting correct sozological conditions						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[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	is able to list and discuss the significance of the variability of environmental conditions and the distribution of phenomena on the Earth's surface that affect human living conditions	[SW4] test/exam - oral or written
	[GEOGRL3-U05] find and select the necessary information from professional literature and other sources, including electronic sources	analyse, identify, characterise and describe the basic natural and socio-economic processes and phenomena that shape human living conditions	[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	characterises and is able to present the conditions of human life in relation to a basic knowledge of the Earth's geographical environment, understood as a homogeneous system of interrelated and interacting components, and shall enumerate and characterise the fundamental interactions between the the natural and anthropogenic environments in terms of their impact on ecological living conditions	[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	is acutely aware of and able to identify the level of his/her knowledge and skills, demonstrates creativity in individual and social actions, including conservation of ecological balance and protection of the Earth's resources, understands the need for continuous personal and professional development	[SK1] oral statement/conversation/discussion [SK8] observation of student's independent or team work
	[GEOGRL3-U01] identify and analyze basic natural and socio-economic processes and phenomena and analyze their causes and course	makes basic observations and characterises them - in terms of processes and phenomena shaping the conditions of human life and classifies the basic features of the environment of the selected area	[SU4] 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	classify, list and describe the natural and legal conditions for of shaping adequate human living conditions from the point of view of spatial planning problems. He/she is able to list and discuss the relationship between the achievements of geographical sciences and the possibilities of their use in the protection and shaping of adequate quality of human living space taking into account the concept of sustainable development.	[SW4] test/exam - oral or written
Subject contents	<ul style="list-style-type: none"> <li>determination of human ecological living conditions - definitions and reference to generally accepted criteria for their determination;</li> <li>legal acts and environmental quality standards relating to living conditions and human activities;</li> <li>sources of sozological data;</li> <li>methods of analysis and diagnosis of environmental conditions for human habitation,</li> <li>spatial and temporal variability of sozological conditions in Poland;</li> <li>formation and protection of human living conditions - as an element of sustainable development;</li> </ul>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	written exam	51.0%	100.0%

Recommended reading	Basic literature	<ul style="list-style-type: none"> <li>• Alloway B.J., Ayres D.C. C., 1999, The chemical basis of environmental pollution, Wyd. Nauk. PWN, Warszawa</li> <li>• Andrzejewski R., 1980, Ecophysiography and ecological shaping of the biotic environment in urban areas, Człowiek i Środowisko, t. 4/4</li> <li>• Cieszewska A., 2019, Green belts. Green rings of major cities, Warszawa, Wyd. Akademickie SEDNO, p.296</li> <li>• Dobrzańska B., Dobrzański G., Kielczewski D. D., 2008, Natural environment protection Wyd. Nauk. PWN, Warszawa</li> <li>• Sim D., 2020, Soft city, Wyd. Wysoki Zamek</li> <li>• Wąsowski J., Bogdanowicz A., 2020, Microplastics in the aquatic environment, Wyd. PWN, Warszawa</li> <li>• Wolański N., 2006, Human ecology t.I i II</li> </ul>
	Supplementary literature	<ul style="list-style-type: none"> <li>• Kistowski M. M., 2012, Zoological atlas of Polish communes 2000-2009, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk</li> <li>• Kistowski M. M., 2012, Diagnosis of the zoology of Polish municipalities in the first decade of the 21st century, Studia KPZK PAN T. CXLVIII, Warszawa</li> <li>• Krzymowska-Kostrowicka A., 1997, Geoecology of tourism and leisure, PWN, Warszawa.</li> <li>• Kudelska D., Cydzik D., Soszka H., 1983, Lake quality assessment system. Instytut Kształtowania Środowiska, Warszawa</li> <li>• Kudelska D., Cydzik D., Soszka H., 1992, Guidelines for basic monitoring of lakes, Państwowa Inspekcja Ochrony Środowiska, Warszawa.</li> <li>• Markiewicz M.T., 2004, Basis for modelling the spread of pollutants in ambient air, Wyd. OWPW.</li> </ul>
	eResources addresses	<p>Podstawowe</p> <p><a href="http://swaid.stat.gov.pl/AtlasRegionow/AtlasRegionowMapa.aspx">http://swaid.stat.gov.pl/AtlasRegionow/AtlasRegionowMapa.aspx</a> - Atlas of the regions</p> <p><a href="https://www.gov.pl/web/gios">https://www.gov.pl/web/gios</a> - chief inspectorate for environmental protection</p> <p><a href="https://stat.gov.pl/obszary-tematyczne/srodowisko-energia/srodowisko/ochrona-srodowiska-2023,1,24.html">https://stat.gov.pl/obszary-tematyczne/srodowisko-energia/srodowisko/ochrona-srodowiska-2023,1,24.html</a> - CSO Yearbook "Environmental Protection 2023"</p> <p><a href="https://isap.sejm.gov.pl/isap.nsf/search.xsp">https://isap.sejm.gov.pl/isap.nsf/search.xsp</a> - Ministerial Decrees on the quality of environmental components</p> <p>Uzupełniające</p> <p>Adresy na platformie eNauczanie:</p>
Example issues/ example questions/ tasks being completed	<ul style="list-style-type: none"> <li>• Examples of the influence of the environment on human living conditions</li> <li>• Examples of environmental quality characteristics</li> <li>• Examples of substances harmful to health</li> <li>• Description of concepts/models conducive to improving the quality of life in the city</li> </ul>	
Work placement	Not applicable	

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