

Subject card

Subject name and code	Ecophysiology in spatial planning, PG_00150405						
Field of study	Spatial Management						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2024/2025		
Education level	Master's studies	Subject group			Obligatory subject group in the field of study Humanistic-social subject group		
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			3.0		
Learning profile	academic	Assessment form			exam		
Conducting unit	Division of Landscape and Environmental Studies -> Institute of Socio-Economic Geography and Spatial Management -> Faculty of Social Sciences -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Jarosław Czochański				
	Teachers		dr Barbara Korwel Lejkowska dr hab. Jarosław Czochański				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	15.0	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		30.0		25.0	85
Subject objectives	The aim of the course is to prepare you professionally to carry out ecophysiological studies for the purposes of spatial planning documents at local and regional level; to become familiar with the legal regulations, scope and principles concerning the preparation of these documents; to become familiar with methods of studying, characterising and assessing the state of the environment and landscape and threats; to become familiar with sources of data on the natural and cultural environment; to become familiar with methods of assessing the state of the environment and space;						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[GPMU2_K03] initiate and organise activities for the benefit of society and environmental protection of the region, country and Europe in cooperation with various entities and authorities at various levels	Is ready to initiate and organise activities for the benefit of the public and the protection of the environment in the region, the country, Europe, in cooperation with various entities and authorities at various levels	[SK4] test/exam - oral or written
	[GPMU2_W05] development trends in the field of socio-economic geography and spatial management	Identifies and understands development trends in the field of socio-economic geography and spatial economy;	[SW4] test/exam - oral or written
	[GPMU2_W03] to a deeper extent the conditions (natural, social, economic, cultural, legal) of processes taking place in spatial management, with particular emphasis on the specifics of Polish maritime areas and voivodships of northern Poland	Knows and understands to a deeper degree the determinants (natural, social, economic, legal) of processes occurring in the economy;	[SW4] test/exam - oral or written
	[GPMU2_W06] problems and theories in spatial management, taking into account complex dependencies and trends of changes in the natural environment; understands their theoretical and practical significance	Identifies, knows and understands problems and theories in spatial economy taking into account complex dependencies and trends of changes in the natural environment, understands their theoretical and practical significance	[SW4] test/exam - oral or written
	[GPMU2_U03] choose and use appropriate methods (including statistics) and research tools with particular emphasis on information technology and GIS software	Be able to select and apply appropriate methods (including statistical) and research tools with particular reference to information technology and GIS software.	[SU4] test/exam - oral or written
[GPMU2_U01] formulate and solve complex and unusual problems of spatial management and propose their innovative solutions taking into account the unpredictability of spatial processes	Be able to formulate and solve complex and atypical spatial management problems and propose innovative solutions to them, taking into account the unpredictability of spatial processes	[SU4] test/exam - oral or written	
Subject contents	<p>1 Legal basis for ecophysiographic studies</p> <p>2 Development of methodology of ecophysiographic study in Poland</p> <p>3 Scope of inventory and diagnosis of natural environment in ecophysiography</p> <p>4 Methods of preparing an ecophysiographic assessment</p> <p>5. valorisation and protection of environmental resources as an element of ecophysiographic study</p> <p>6 Assessment of human living conditions and environmental changes in ecophysiographic study.</p> <p>7 Formulation of guidelines for spatial planning and environmental protection.</p>		
Prerequisites and co-requisites	- knowledge of basic physical geography, natural geography, geo-information systems and data sources in spatial planning - ability to read maps and to find and interpret environmental data		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	credit for exercises (project method)	50.0%	40.0%
	written test	50.0%	60.0%
Recommended reading	Basic literature	Andrzejewski R., 1980, Ecophysiography and ecological shaping of the biotic environment in urbanised areas, Man and Environment, vol. 4, no. 4;Przewoźniak M., Czochoński J.T., 2020, Natural foundations of spatial management. An ecological perspective, Bogucki Wyd. Nauk, Gdańsk-Poznań;Różycka W., 1986, Scope of ecophysiographic studies and principles of implementing the results into spatial management plans, in Man and Environment, t. 10, no. 4.	

	Supplementary literature	Małachowski K.,(ed.), 2023, Economy vs. environment and ecology, Pub. CeDeWu, Warszawa,
	eResources addresses	Basic http://www.tnz.most.org.pl/dokumenty/publ/ochrona/procedura.htm - Kistowski M., The procedure for preparing ecophysiological studies in the light of the latest legal regulations
Example issues/ example questions/ tasks being completed	1) What types of ecophysiological study there are;2) What parts an ecophysiological study is obligatorily composed of;3) To which planning documents an ecophysiological study is obligatorily prepared;4) To which planning documents is an ecophysiological study obligatory;	
Work placement	Not applicable	

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