



Subject card

Subject name and code	Environmental Impact Assessment, PG_00049269						
Field of study	Spatial Development						
Date of commencement of studies	October 2020		Academic year of realisation of subject		2023/2024		
Education level	first-cycle 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	4		Language of instruction		Polish Polish		
Semester of study	7		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Urban Design and Regional Planning -> Faculty of Architecture						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. arch. Aleksandra Sas-Bojarska				
	Teachers		prof. dr hab. inż. arch. Aleksandra Sas-Bojarska				
Lesson types and methods of instruction	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		3.0		17.0	50
Subject objectives	The aim of the subject is to present the possibilities and potential of use Environmental Impact Assessment (EIA) procedure, obligatory in Polish law system in relation to some harmful activities, in spatial and urban planning.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U05] correctly interprets natural phenomena, and when formulating and solving engineering tasks related to spatial management, notices their systemic and non-technical aspects related to the natural environment		The student is able to interpret natural conditions when planning engineering structures, noting their systemic and non-technical aspects.		[SU1] Assessment of task fulfilment		
	[K6_W04] has basic knowledge in the field of pro-ecological design and knows the principles of sustainable development of cities and regions; has knowledge of the natural foundations of spatial management and the impact of natural conditions on the processes of economic development on a local, regional and national scale		Student possesses the basic knowledge on the environmental impacts of new activities in spatial development, and knows the impact of the environmental circumstances on the process of spatial development		[SW1] Assessment of factual knowledge		

Subject contents	<p>The EIA procedure is presented as a tool obligatory in Polish law during planning harmful activities, related to spatial planning and urban planning. EIA is presented as a fragment of Environmental assessments, including also strategic environmental assessment (SEA).</p> <p>Course content:</p> <ul style="list-style-type: none"> - EIA as a system helping spatial planning in sustainable development. - Genesis, theory, definitions, potential of EIA - EIA / SEA in relation to spatial planning - The phenomena and aims of EIA - Legal basis of EIA - Stages of EIA - The decision to undertake EIA - The sequence of environmental effects - Tools in EIA - Mitigation in EIA - EIA Report content - Case studies of controversial activities 		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	participation	70.0%	20.0%
	exam	60.0%	80.0%
Recommended reading	<p>Basic literature</p> <p>Sas-Bojarska A.: <i>Przewidywanie zmian krajobrazowych w gospodarowaniu przestrzenią z wykorzystaniem ocen oddziaływania na środowisko na przykładzie transportu drogowego</i>, Wydawnictwo Politechniki Gdańskiej, Gdańsk 2006</p> <p>Sas-Bojarska A.: <i>Wielkie inwestycje w kontekście zagrożeń i ochrony krajobrazu</i>, Wydawnictwo Politechniki Gdańskiej, Gdańsk 2017</p> <p><i>Poradnik Przeprowadzania Ocen Oddziaływania na Środowisko.</i> (Red. W. Lenart, A. Tyszecki). Gdańsk: Biuro Projektowo-Doradcze EKO-KONSULT 1998</p>		

	Supplementary literature	<p><i>Guidelines for Landscape and Visual Impact Assessment</i>. Institute of Environmental Assessment, The Landscape Institute, London-Glasgow-Weinheim-New York-Tokyo-Melbourne: E&FN Spon 1995.</p> <p><i>Guidelines for Landscape and Visual Impact Assessment</i>. The Landscape Institute / The Institute of Environmental Management and Assessment. London-New York: Spon Press 2002</p> <p><i>Wytyczne do procedury i wykonywania ocen oddziaływania na środowisko</i>. Warszawa: Fundacja IUCN Poland 1996</p> <p><i>Oceny oddziaływania na środowisko. Praktyka polska i procedury w krajach Unii Europejskiej</i>. (Red. J. Żelazo). Warszawa: Wydawnictwo SGGW 2000</p>
	eResources addresses	<p>Adresy na platformie eNauczanie:</p> <p>Oceny Oddziaływania na Środowisko 2023/24 - Moodle ID: 34438 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=34438</p>
Example issues/ example questions/ tasks being completed	<p>Define the alternatives for specific harmful activity.</p> <p>Define the hierarchy of mitigation measures for chosen harmful activity.</p> <p>Define the aims of EIA.</p>	
Work placement	Not applicable	