GDAŃSK UNIVERSITY OF TECHNOLOGY

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 low 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 develppment, and knows the impact of the environmental circumstances on the processess of spatial development	[SW1] Assessment of factual knowledge

<table>
<tr><td>Subject contents</td><td>The EIA procedure is presented as a tool obligatory in polish low 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).

Course content:

- 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</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>participation</td><td>70.0%</td><td>20.0%</td></tr>
<tr><td>exam</td><td>60.0%</td><td>80.0%</td></tr>
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</td></tr>
<tr><td>Recommended reading</td><td>Basic literature</td><td>Sas-Bojarska A.: Przewidywanie zmian krajobrazowych w gospodarowaniu przestrzenią z wykorzystaniem ocen oddziaływania na środowisko na przykładzie transportu drogowego, Wydawnictwo Politechniki Gdańskiej, Gdańsk 2006

Sas-Bojarska A.: Wielkie inwestycje w kontekście zagrożeń i ochrony krajobrazu, Wydawnictwo Politechniki Gdańskiej, Gdańsk 2017

Poradnik Przeprowadzania Ocen Oddziaływania na Środowisko. (Red. W. Lenart, A. Tyszecki). Gdańsk: Biuro Projektowo-Doradcze EKO-KONSULT 1998</td></tr>
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	Supplementary literature	*Guidelines for Landscape and Visual Impact Assessment*. Institute of Environmental Assessment, The Landscape Institute, London-Glasgow-Weinheim-New York-Tokyo-Melbourne: E&FN Spon 1995. *Guidelines for Landscape and Visual Impact Assessment*. The Landscape Institute / The Institute of Environmental Management and Assessment. London-New York: Spon Press 2002 *Wytyczne do procedury i wykonywania ocen oddziaływania na środowisko*. Warszawa: Fundacja IUCN Poland 1996 *Oceny oddziaływania na środowisko. Praktyka polska i procedury w krajach Unii Europejskiej*. (Red. J. Żelazo). Warszawa: Wydawnictwo SGGW 2000
	eResources addresses	Adresy na platformie eNauczanie: Oceny Oddziaływania na Środowisko 2023/24 - Moodle ID: 34438 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=34438
Example issues/ example questions/ tasks being completed	Define the alternatives for specific harmful activity. Define the hierarchy of mitigation measures for chosen harmful activity. Define the aims of EIA.	
Work placement	Not applicable	