GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	ENVIRONMENTAL IMPACT ASSESSMENT, PG_00039344		
Field of study	Environmental Engineering		
Date of commencement of studies	October 2022	Academic year of realisation of subject	2022/2023
Education level	second-cycle studies	Subject group	Optional subject group
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	English
Semester of study	2	ECTS credits	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Environmental Engineering Technology -> Faculty of Civil and Environmental Engineering		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Aneta Łuczkiewicz	
	Teachers		

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	5.0	15.0	50

Subject objectives

The aim of the course is to introduce the student with the procedure of environmental impact assessment (EIA) of a planned project. The student learns the classification of projects and the methodology for forecasting the impact of planned investments on individual components of the environment. Additionally the instruments of environmental protection will be studied - on the country level and worldwide.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_W03] has in-depth, structured and theoretical knowledge related to the environmental chemistry, environmental management and monitoring, or the technology and organization of installation works or measurements in environmental engineering	The student is able to describe the stages in the EIA process and knows the principles of classifying projects to this process	[SW2] Assessment of knowledge contained in presentation
[K7_U10] can, in accordance with scientific principles, use the scientific workshop to formulate and conduct preliminary research on the engineering, technological and organizational problems that arise in environmental engineering	The student is able to see possible differences in the methodology of environmental impact assessment of the investment. The student has the ability to search and interpret data related to planned projects	[SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task
[K7_W05] has basic knowledge in general construction or in water or sanitary or hydrotechnical or road construction; the impact of construction investments on the environment	The student understands the walue of reliable information in the correct assessment of the environmental impact of the investment	[SW1] Assessment of factual knowledge
[K7_W08] has knowledge necessary to understand the social, economic, legal and other non-technical determinants of engineering activities and their incorporation in engineering practice	The student understands the problems related to the conflict of interest of various social groups	[SW1] Assessment of factual knowledge
[K7_U08] is able to assess risks in the implementation of engineering projects and implement appropriate safety rules	The student is able to explain the scope and necessity of carrying out the EIA procedure for a given investment on the basis of Polish and European legislation.	[SU2] Assessment of ability to analyse information

<table>
<tr><td>Subject contents</td><td>Lecture: introducing the students to the most important instruments of environmental protection - country specific and worldwide. During the course, students learn about the functioning of the environmental impact assessment system and the requirements of national and EU legislation.

Classes: Impact of a selected investment; on the environment.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>General knowledge of legal acts in the field of environmental protection.</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>Lectures</td><td>60.0%</td><td>60.0%</td></tr>
<tr><td>Tutorials</td><td>60.0%</td><td>40.0%</td></tr>
</table>
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<tr><td>Recommended reading</td><td>
<table>
<tr><td>Basic literature</td><td>Science for Environment Policy (2016) Environmental impact investment. Future Brief 16. Produced for the European Commission DG Environment by the Science Communication Unit, UWE, Bristol. Available at: http://ec.europa.eu/science-environment-policy

80 simplification measures in cohesion policy 2021 - 2027</td></tr>
<tr><td>Supplementary literature</td><td>-</td></tr>
<tr><td>eResources addresses</td><td>Adresy na platformie eNauczanie:</td></tr>
</table>
</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>-</td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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