University of Gdańsk

Subject card

Subject name and code	Workshops - Marine Environmental Impact Assessment, PG_00204942		
Field of study	Oceanography		
Date of commencement of studies	October 2027	Academic year of realisation of subject	2028/2029
Education level	Master's studies	Subject group	Obligatory subject group in the field of study Optional subject group 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	2	Language of instruction	Polish
Semester of study	3	ECTS credits	1.0
Learning profile	academic	Assessment form	credit
Conducting unit	Laboratory of Biodiversity and Benthic Functioning -> Department of Marine Ecology -> Faculty of Oceanography and Geography -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Urszula Janas, prof. UG	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	15.0	0.0	0.0	0.0	15

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	15	1.0	9.0	25

Subject objectives

The purpose of the workshop is to familiarize students with the procedure of assessing the impact of investments on the marine environment in the process of sustainable development, especially with the practical aspects of preparing reports on the impact of projects on the environment.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[OCEANMU2-U03] can plan and carry out independently advanced research and measurements, both in field and laboratory, using appropriately selected measurement and analytical techniques in the field of oceanography, adequately to the studied specialty and research problem	He or she is able to independently plan surveys and measurements in the field, with the using appropriately selected measurement and analytical techniques in the in the field of marine environmental impact assessments	[SU2] presentation/project/paper/ report
[OCEANMU2-W07] knows and understands legal regulations, principles of sustainable development of the marine environment, its protection and management of the marine environment and its resources	He or she knows and understands the basic legal regulations and principles of sustainable development of the marine environment, with particular emphasis on conservation, necessary when performing assessments of the impact of investments on the marine environment	[SW2] presentation/project/paper/ report

Subject contents	Selection and description of natural elements of the environment covered by the scope of the anticipated impact of the planned investment on the marine environment; Prediction of selected effects of the investment on the marine environment and proposal of alternative solutions; Assessment of the regenerative capacity of individual natural components. Selection of measures to reduce the negative impact of the project on the environment. Environmental compensation; Planning monitoring before, during, and after the selected investment; Climate change, biodiversity, life cycle assessment (LCA) and Nature Inclusive Designs in environmental impact assessments.
Prerequisites and co-requisites	

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Completion of coursework agreed upon with teachers	51.0%	100.0%

Recommended reading

Basic literature	Engel J., 2009, Natura 2000 w ocenach oddziaływania przedsięwzięć na środowisko, Ministerstwo Środowiska, Warszawa, 78 str. M. Stryjecki (red.), 2025, Wytyczne w zakresie oddziaływania na środowisko morskich farm wiatrowych, Warszawa, 169 str. U S TAWA z dnia 3 października 2008r.o udostępnianiu informacji o środowisku i jego ochronie, udziale społeczeństwa w ochronie środowiska oraz o ocenach oddziaływania na środowisko (t.j. Dz. U. z 2017 r. poz. 1405, ze zm. 1566, 1999) z późniejszymi zmianami ROZPORZĄDZENIE RADY MINISTRÓW z dnia 10 września 2019 r. w sprawie przedsięwzięć mogących znacząco oddziaływać na środowisko
Supplementary literature	Guidelines GDOŚ, pliki pdf dostępne on-line; http://natura2000.org.pl/e-szkolenia/e8-natura-2000-w-ocenach-oddzialywania-na srodowisko/iv-przeprowadzanie-oceny-oddzialywania-na-obszar-natura-2000/
eResources addresses	

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable

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