University of Gdańsk

Subject card

Subject name and code	Innovations in Oceanography – a Look into the Future - lecture, PG_00204948		
Field of study	Oceanography		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2027/2028
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	4	ECTS credits	1.0
Learning profile	academic	Assessment form	credit
Conducting unit	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	15.0	0.0	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 aim of the course is to provide students with an overview of the latest research in oceanography, with a particular focus on the practical application of the latest achievements and proposed solutions in the field of innovative improvements and technologies that enable a better understanding of the marine environment.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[OCEANMU2-W03] has an in-depth understanding of research methods used in oceanography and related sciences, and interprets their mechanisms and interrelationships across different spatial and temporal scales	knows and understands in depth the research methods currently used in oceanography, taking into account the specifics of various specialties	[SW3] text preparation/written work
[OCEANMU2-K04] is ready to critically evaluate his/her knowledge and received content in the field of natural sciences in in particular in the field of the studied specialty, a in problematic situations, supports oneself with knowledge experts	critically evaluates his/her knowledge, uses the knowledge of experts	[SK3] text preparation/written work

Subject contents

During course the teachers invite guests from various scientific institutions and practitioners involved in marine and ocean research. During the meetings, representatives of various institutions present, among other things, the characteristics of the institution they represent, the scientific research/monitoring work carried out, the measurement techniques used in practice, and those currently being developed.

Prerequisites and co-requisites

<table>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>final assignment</td><td>51.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">According to the topics of the lectures, individually proposed by the Lecturers</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">According to the topics of the lectures, individually proposed by the Lecturers</td></tr>
<tr><td>eResources addresses</td><td colspan="2"></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3"></td></tr>
<tr><td>Work placement</td><td colspan="3">Not applicable</td></tr>
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