

Subject card

Subject name and code	Meteorology I (Lecture), PG_00181439						
Field of study	Marine Hydrography						
Date of commencement of studies	October 2023		Academic year of realisation of subject		2024/2025		
Education level	Bachelor's studies		Subject group		Obligatory subject group 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	practical		Assessment form		credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Janusz Filipiak				
	Teachers		dr Janusz Filipiak				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	10.0	0.0	0.0	0.0	0.0	10
	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	10		1.0		14.0	25
Subject objectives	Familiarization with basic physical processes in the ocean-atmosphere system for the purpose of analyzing current weather conditions and their evolution.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
Subject contents	Structure and properties of the atmosphere. Radiation. Water in the atmosphere. Selected topics in atmospheric dynamics and thermodynamics.						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	test		51.0%		100.0%		
Recommended reading	Basic literature		KOŻUCHOWSKI K. (red.) 2007. Meteorologia i klimatologia. Wydawnictwo Naukowe PWN.				
	Supplementary literature		Rettalack B.J., 1991, Podstawy meteorologii, IMGW, Warszawa.				
	eResources addresses						
Example issues/ example questions/ tasks being completed	1. Describe the vertical structure of the atmosphere. 2. Provide a practical interpretation of the laws of radiation. 3. What is geostrophic wind and how is it formed?						
Work placement	Not applicable						

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