University of Gdańsk

Subject card

Subject name and code	Diploma Seminar in Hydroclimatology, PG_00192670						
Field of study	Water Management and Protection of Water Resources						
Date of commencement of studies	October 2027		Academic year of realisation of subject		2029/2030		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study Optional subject group Subject group related to practical vocational preparation		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	3		Language of instruction		Polish		
Semester of study	6		ECTS credits		9.0		
Learning profile	practical		Assessment form		credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Mirosława Malinowska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	30.0	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		192.0	225
Subject objectives	The aim of the course is to familiarize students with the issues of measuring and observing the components of the atmospheric phase of water exchange, their accuracy, methods of determining the size of individual flows, contemporary trends in their changes, and their significance in water management. The course will also cover topics such as methods of presenting scientific research results and discussing them, ways of editing a simple scientific text in a selected convention, reviewing simple scientific papers, and evaluating them.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[GWOZWL3-U11] prepare oral presentations of a scientific nature.	prepares oral presentations on hydroclimatology related to the topic of the thesis	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report
[GWOZWL3-K04] maintain a critical attitude in accepting information from various sources relating to issues in the field of water management.	critically evaluates information from various sources relating to the subject of hydroclimatology covered in the thesis	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report [SK3] text preparation/written work
[GWOZWL3-K02] adhere to the principles of intellectual honesty and professional ethics.	adheres to the principles of intellectual honesty and professional ethics when preparing their thesis	[SK2] presentation/project/paper/ report [SK3] text preparation/written work
[GWOZWL3-K01] act independently and effectively organize own and team work, is ready to critically assess the degree of its advancement and completion of the tasks set.	independently and thoughtfully organizes their own work, critically evaluates its progress	[SK2] presentation/project/paper/ report [SK3] text preparation/written work
[GWOZWL3-W07] knowledge of data sources and the theoretical foundations of data collection, compilation and evaluation for a dissertation.	is familiar with the sources of hydrometeorological data and the theoretical principles underlying their acquisition, as well as the principles governing the collection and preliminary assessment of data gathered for their dissertation	[SW2] presentation/project/paper/ report [SW3] text preparation/written work
[GWOZWL3-U09] prepare in Polish a well documented study of the results in the scope of the studied issues.	is able to prepare a well-documented study of research results in the field of hydroclimatology in Polish	[SU3] text preparation/written work
[GWOZWL3-W12] basic concepts and principles in the field of protection of industrial property and copyright.	knows the basic concepts and principles of intellectual property protection and copyright law and applies them in the preparation of their thesis	[SW3] text preparation/written work

Subject contents

Contemporary methods of observation and measurement of components of the atmospheric phase of the water cycle.

Source data in hydroclimatology, their quality.

Methods of hydroclimatic studies.

Contemporary trends in changes in components of the atmospheric phase of the water cycle and their significance for water management.

The use of AI in the preparation of a thesis.

Methods of presenting research results.

Discussion of the results obtained with reference to the literature on the subject.

Review of theses.

Rules for conducting the diploma examination.

Prerequisites and co-requisites

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	presentation of prograess in thesis preparation	51.0%	30.0%
	preparing the thesis	51.0%	50.0%
	participation in discussion	51.0%	20.0%
Recommended reading	Basic literature	Falarz M., (ed.), 2021, Climate Change on Poland.Present, Past, Future. Springer	
	Supplementary literature	xxx	
	eResources addresses		
Example issues/ example questions/ tasks being completed	indicate the importance of fog deposits in the water balance of a selected area characterize selected methods for determining potential evaporation		
Work placement	Not applicable		

Document generated electronically. Does not require a seal or signature.