University of Gdańsk

Subject card

Subject name and code	Diploma seminar in the Protection and Reclamation of Inland Waters, PG_00201550		
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	Centrum Monitoringu i Ochrony Wód -> Faculty of Oceanography and Geography -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. Julita Dunalska	
	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

1. To familiarize students with the methodology for writing simple academic monographs on the interrelated and mutually influencing components of water protection and restoration.
2. Technical support in the independent preparation and editing of diploma theses (bachelor's theses) by students.
3. Familiarizing students with the applicable methodological conventions and correct documentation of a bachelor's thesis.
4. Substantive assistance in resolving issues related to water protection and restoration activities.
5. Systematic monitoring of the student's progress on the thesis.
6. Preparation of a thesis.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[GWOZWL3-K04] maintain a critical attitude in accepting information from various sources relating to issues in the field of water management.	When planning work, demonstrates a commitment to consciously and thoroughly evaluating information regarding water protection and restoration activities.	[SK1] oral statement/conversation/ discussion [SK8] observation of student's independent or team 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.	Correctly assesses the progress of the work and takes steps to systematically complete individual tasks.	[SK1] oral statement/conversation/ discussion [SK8] observation of student's independent or team work
[GWOZWL3-W12] basic concepts and principles in the field of protection of industrial property and copyright.	Has knowledge of industrial property protection, including implemented methods of water protection and restoration, as well as copyright law.	[SW1] oral statement/ conversation/discussion
[GWOZWL3-U09] prepare in Polish a well documented study of the results in the scope of the studied issues.	Skillfully analyses research findings on protective and reclamation measures as one of the components of water management.	[SU3] text preparation/written work [SU8] observation of student's independent or team work
[GWOZWL3-W07] knowledge of data sources and the theoretical foundations of data collection, compilation and evaluation for a dissertation.	Has knowledge of techniques for collecting and analyzing data, as well as for drawing valid conclusions based on reliable scientific and expert sources related to water management, with a view to protecting and restoring water resources.	[SW2] presentation/project/paper/ report
[GWOZWL3-U11] prepare oral presentations of a scientific nature.	Skillfully prepares presentations based on scientific research in the field of water protection and restoration.	[SU1] oral statement/conversation/ discussion
[GWOZWL3-K02] adhere to the principles of intellectual honesty and professional ethics.	Adheres to the principles of intellectual integrity and professional ethics when assessing the reliability of water protection and restoration measures.	[SK8] observation of student's independent or team work

Subject contents

Data sources in water sciences.
Choosing a thesis topic, rules for composing the content layout, formulating the thesis objective and theses.
Methods of collecting literature and source materials.
Analysis and interpretation of scientific texts, water protection and restoration methods used, statistical data, and cartographic materials.
Rules for the correct editing of scientific texts (methods of creating large volumes of text, content layout, rules for creating and including figures and tables in the thesis, captions for figures and tables, numbering of chapters, figures, tables, formulas, appendices, rules for citing literature in the text and creating a bibliography, etc.).
Selected research methods in water sciences.
Preparing reports on individual stages of work.

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%
preparing the thesis	51.0%	20.0%

Recommended reading

Basic literature	
Supplementary literature	
eResources addresses	

Example issues/ example questions/ tasks being completed

Set the main objective and implementation objectives for the selected thesis topic.

Based on the objectives set for the thesis, attempt to create a content outline for the thesis.
Prepare a spatial visualization of the research area.
Present, discuss, and critically evaluate the literature and materials related to water protection and restoration efforts that you have gathered for your thesis.

Work placement	Not applicable

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