

**Subject card**

<b>Subject name and code</b>	Diploma Seminar in Hydrology, PG_00201548						
<b>Field of study</b>	Water Management and Protection of Water Resources						
<b>Date of commencement of studies</b>	October 2026	<b>Academic year of realisation of subject</b>				2028/2029	
<b>Education level</b>	Bachelor's studies	<b>Subject group</b>				Obligatory subject group in the field of study Optional subject group Subject group related to practical vocational preparation	
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>				at the university	
<b>Year of study</b>	3	<b>Language of instruction</b>				Polish	
<b>Semester of study</b>	6	<b>ECTS credits</b>				9.0	
<b>Learning profile</b>	practical	<b>Assessment form</b>				credit	
<b>Conducting unit</b>	Department of Hydrology -> Faculty of Oceanography and Geography -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr Izabela Chlost				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	0.0	0.0	0.0	0.0	30.0	30
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	30		3.0		192.0	225
<b>Subject objectives</b>	<ul style="list-style-type: none"> <li>Familiarization of students with the methodology of creating simple works in the nature of a scientific monograph.</li> <li>Technical support in independent preparation and editing of diploma (bachelor's) theses by students.</li> <li>Familiarizing students with the applicable methodological conventions and correct documentation of a bachelor's thesis.</li> <li>Substantive assistance in solving problem situations, systematic monitoring of the student's progress in completing the diploma thesis.</li> <li>Preparation of a diploma thesis.</li> </ul>						

Learning outcomes	Course outcome	Subject outcome	Method of verification
		The student demonstrates commitment to independently collect materials for the completion of the diploma thesis and to effectively organize own and team work to achieve the final goal. He is also able to critically evaluate the grade advancement of their work and completion of assigned tasks.	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report [SK5] implementation of a problem task
		The student knows and respects the principles of intellectual property by referring to literature in his speeches and diploma thesis in a manner consistent with applicable guidelines.	[SK2] presentation/project/paper/report [SK3] text preparation/written work
		The student adopts a critical attitude towards the collected information from various sources relating to issues related to scope of water management and strives to establish reliable data supported by scientific research.	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report [SK3] text preparation/written work
		The student is able to prepare a presentation and make a scientific interpretation based on the collected data.	[SU2] presentation/project/paper/report
		The student has preparation skills oral and written analysis of results regarding the studied issues in Polish, based on well-documented and verified materials.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report
		The student knows and understands the basic principles of using published and unpublished materials and is aware of and applies the principles of copyright protection.	[SW2] presentation/project/paper/report [SW3] text preparation/written work
Subject contents	<ul style="list-style-type: none"> <li>• Data sources in water sciences.</li> <li>• Choosing a topic for a diploma thesis, principles of composing the content layout and formulating the purpose of the thesis.</li> <li>• Methods of collecting literature and source materials.</li> <li>• Analysis and interpretation of scientific texts, statistical data and cartographic materials.</li> <li>• Rules for proper editing of scientific texts (methods of creating large-volume texts, content layout, rules for preparing and including figures and tables in the work, captions under figures and tables, numbering of chapters, figures, tables, formulas, appendices, rules for citing literature in the text and creating literature list, etc.).</li> <li>• Selected research methods in water sciences.</li> <li>• Preparing reports on individual stages of work.</li> </ul>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	participation in discussion	51.0%	20.0%
	preparing the thesis	51.0%	50.0%
	presentation of progress in thesis preparation	51.0%	30.0%

Recommended reading	Basic literature	<ul style="list-style-type: none"> <li>Weiner J., 1998, Technique of writing and presenting natural science papers. Practical guide, PWN, Warsaw.</li> <li>Editorial requirements for master's theses, 2008, <a href="http://ografia.univ.gda.pl/kat/kge/">http://ografia.univ.gda.pl/kat/kge/</a>.</li> <li>Apanowicz J., 2003, Methodology of science, Tow. Scientific Organization and Management "Dom Organizatora", Toruń.</li> <li>Oliver P., 1999, How to write university theses: a guide for students, Wydawnictwo Literackie, Kraków.</li> <li>Plit F., 2007, How to write bachelor's and master's theses in geography, Ed. Univ. Warszawskiego, Warszawa.</li> <li>Wosik E. (ed.), 2005, Report on the principles of respecting authorship in diploma and doctoral theses in academic and scientific institutions, Institute of Knowledge Society / Polish Rectors Foundation, Warsaw.</li> </ul>
	Supplementary literature	<ul style="list-style-type: none"> <li>Bielec E., Bielec J., 2007, Handbook of writing papers, Ed. EJB, Kraków.</li> </ul>
	eResources addresses	
Example issues/ example questions/ tasks being completed	<ul style="list-style-type: none"> <li>Set the main goal and implementation goals for the selected topic of your diploma thesis.</li> <li>Based on the designated goals of the diploma thesis, try to create a layout of the content of the thesis.</li> <li>Prepare a spatial visualization of the research area.</li> <li>Present, discuss and critically evaluate the literature and cartographic materials collected for your diploma thesis.</li> </ul>	
Work placement	Not applicable	

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