University of Gdańsk

Subject card

Subject name and code	Diploma Seminar II in the Field of Technical Aspects of Marine Hydrography - seminar, PG_00201170		
Field of study	Marine Hydrography		
Date of commencement of studies	October 2026	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	4	Language of instruction	Polish
Semester of study	7	ECTS credits	3.0
Learning profile	practical	Assessment form	credit
Conducting unit	Faculty of Oceanography and Geography -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. Jarosław Tęgowski	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	0.0	15.0	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	5.0	55.0	75

Subject objectives

The aim of the course is:

- broadening knowledge in the field of the diploma thesis, concerning the technical aspects of marine hydrography and knowledge of specialist scientific literature,

- to improve the ability to use various sources of information and to look at them critically;

- to improve the ability to present the results of independent work, to speak in a discussion using specialized scientific language;

- assessment of the correctness and advancement of the implementation of the thesis and the presentation of the obtained research results

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<tr><td>Learning outcomes</td><td>
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<tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr>
<tr><td>[HML3-U14] is able to use the applicable terminology in presenting and discussing problems related to the field of study</td><td>is able to use the relevant scientific terminology when presenting and discussing issues related to the topic of the thesis, specifically concerning the oceanographic aspects of marine hydrography</td><td>[SU1] oral statement/conversation/ discussion
[SU2] presentation/project/paper/ report</td></tr>
<tr><td>[HML3-U05] when identifying, formulating and solving engineering tasks, is able to integrate knowledge from various fields and disciplines and perceive their systemic and non-technical aspects, including ethical aspects</td><td>when formulating and solving engineering problems, is able to integrate knowledge from various fields and disciplines and apply a systems-based approach that also takes non-technical aspects into account</td><td>[SU1] oral statement/conversation/ discussion</td></tr>
<tr><td>[HML3-U08] is able to independently use the professional literature available in traditional and electronic form, make an assessment, critical analysis and synthesis as well as the correct interpretation of the information obtained</td><td>is able to independently use the specialized literature necessary for preparing a thesis; integrates, evaluates, and correctly interprets the information obtained, and on that basis draws conclusions and formulates opinions</td><td>[SU1] oral statement/conversation/ discussion
[SU2] presentation/project/paper/ report</td></tr>
<tr><td>[HML3-U16] is able to prepare in Polish and foreign language a study of a problem in the field of study with documented conclusions, supported by a report and a multimedia presentation</td><td>is able to prepare a problem statement on the topic addressed in their thesis, concerning the oceanographic aspects of marine hydrography, along with documented conclusions, supported by a multimedia presentation</td><td>[SU1] oral statement/conversation/ discussion
[SU2] presentation/project/paper/ report</td></tr>
<tr><td>[HML3-K02] is ready to correctly determine the priorities in professional work for the implementation of a task specified by himself/ herself or others</td><td>is ready to correctly set priorities in the tasks involved in completing the thesis</td><td>[SK1] oral statement/conversation/ discussion</td></tr>
<tr><td>[HML3-W02] knows and understands, at an advanced level, selected phenomena and processes occurring in the hydrosphere, atmosphere, lithosphere and biosphere, their interconnections and relations, as well as practical applications of this knowledge in professional activities related to the field of study</td><td>identifies and explains selected phenomena and processes occurring in the marine environment, as well as their interrelationships</td><td>[SW1] oral statement/ conversation/discussion
[SW2] presentation/project/paper/ report</td></tr>
<tr><td>[HML3-W17] knows and understands key concepts and fundamental principles in the field of industrial property protection and copyright law</td><td>knows and understands the basic concepts and principles of industrial property protection and copyright law</td><td>[SW1] oral statement/ conversation/discussion
[SW2] presentation/project/paper/ report</td></tr>
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<tr><td>Subject contents</td><td>Presentation of detailed assumptions and issues related to the diploma thesis. Establishing a detailed plan for the bachelor's thesis. Detailed presentation of the methodology appropriate for the research topic. Presentation of general and detailed assumptions and standards for writing a diploma thesis. Copyright requirements.
Selected issues related to the research topic concerning technical aspects of marine hydrography, methods of presenting the obtained results, and their discussion.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td>
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<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>presenations</td><td>51.0%</td><td>100.0%</td></tr>
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<tr><td>Recommended reading</td><td>
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<tr><td>Basic literature</td><td>selected individually to the theme of the work carried out by the student</td></tr>
<tr><td>Supplementary literature</td><td>selected individually to the theme of the work carried out by the student</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td></td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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