

Subject card

Subject name and code	Graduate course, PG_00131537						
Field of study	Marine Hydrography						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2027/2028		
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			10.0		
Learning profile	practical	Assessment form			credit		
Conducting unit	Department of Geophysics -> Faculty of Oceanography and Geography -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Maria Rucińska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	60.0	0.0	0.0	60
	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	60		30.0		160.0	250
Subject objectives	Completion of tasks related to the diploma engineering thesis.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[HML3-W17] basic concepts and principles in the field of industrial property protection and copyright	Knows and understands the basic concepts and principles of copyright, is aware of the limitations arising from the protection of copyright	[SW1] oral statement/ conversation/discussion [SW5] implementation of a problem task
	[HML3-U07] effectively use information and communication techniques, including utility programs to solve professional problems	Uses specialised computer software and mathematical and statistical methods in data analysis and description of phenomena and processes in the marine environment	[SU1] oral statement/conversation/ discussion [SU5] implementation of a problem task [SU8] observation of student's independent or team work
	[HML3-W04] the issue of measurements related to the exploration of sea basins and inland waters and tools allowing to describe, interpret and present the results of measurements	Knows and understands the importance of basic techniques, research methods and tools used in the work of a hydrographer in order to describe and interpret phenomena and processes occurring in the aquatic environment	[SW1] oral statement/ conversation/discussion [SW5] implementation of a problem task
	[HML3-U08] 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	Makes use of source information, in Polish and English, including archival and electronic databases, within the scope of the undertaken subject matter, makes a critical analysis and synthesis of the information.	[SU5] implementation of a problem task [SU8] observation of student's independent or team work
	[HML3-U01] plan and conduct experiments, including computer simulations, interpret the results obtained and draw conclusions	Analytically and synthetically develops the results of research and analysis and, on the basis of these, makes correct conclusions	[SU1] oral statement/conversation/ discussion [SU5] implementation of a problem task [SU8] observation of student's independent or team work
[HML3-K01] correctly identify and resolve professional dilemmas, especially in the aspects of security and entrusted property	Is ready to take full responsibility for his/her actions and to observe the principles of professional ethics and intellectual honesty, and is aware of the importance of a professional approach in any situation	[SK1] oral statement/conversation/ discussion [SK8] observation of student's independent or team work	
Subject contents	The subject matter of the thesis workshop depends on the topic of the engineering thesis.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	evaluation of the various stages leading to the preparation of the engineering thesis	51.0%	100.0%
Recommended reading	Basic literature	Literature is selected for the student individually, according to the guidance of the engineering thesis supervisor.	
	Supplementary literature	Literature is selected for the student individually, according to the guidance of the engineering thesis supervisor.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	individually determined by the thesis supervisor		
Work placement	Not applicable		

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