

**Subject card**

<b>Subject name and code</b>	Topography - field training, PG_00120134						
<b>Field of study</b>	Geography						
<b>Date of commencement of studies</b>	October 2024	<b>Academic year of realisation of subject</b>			2024/2025		
<b>Education level</b>	undergraduate studies	<b>Subject group</b>			Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	1	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	2	<b>ECTS credits</b>			2.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>					
<b>Conducting unit</b>	Miejskie Laboratorium Badań Środowiskowych (Coastal Cities L -> Katedra Hydrologii -> Faculty of Oceanography and Geography)						
<b>Name and surname of lecturer (lecturers)</b>	Subject supervisor		dr Jacek Barańczuk				
	Teachers						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	0.0	24.0	0.0	0.0	0.0	24
	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>	24		6.0		20.0	50
<b>Subject objectives</b>	Acquiring practical knowledge in the field of: taking field photos, collecting cartographic materials for verifying a topographic map on a scale of 1:10000.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[GEOGRL3-K03] work in a group and perform various roles in it, take care of the entrusted equipment and the safety of themselves and others	Suitable for working in a group and performing various roles, taking care of the entrusted equipment and the safety of oneself and others.	[SK8] observation of student's independent or team work
	[GEOGRL3-U06] apply methods and research tools of geographic sciences, including conducting observations and field measurements, and assess their suitability for the tasks in which the application objective of geography can be achieved	Is able to use methods and research tools in the field of geographical sciences, including conducting observations and field measurements, and assessing their usefulness in carrying out tasks in which the application goal of geography can be achieved.	[SU2] presentation/project/paper/report [SU6] demonstration of practical skills
	[GEOGRL3-W03] in an advanced degree the processes and phenomena occurring in the natural environment of the Earth, with particular emphasis on the processes and phenomena occurring on the territory of Poland, especially the Coastal and South Baltic Lake Districts	The student has an advanced understanding of the processes and phenomena taking place in the Earth's natural environment, with particular emphasis on the processes and phenomena taking place in Poland, especially the South Baltic Coast and Lake District.	[SW1] oral statement/conversation/discussion [SW5] implementation of a problem task
	[GEOGRL3-U04] plan and carry out, independently and in a team, a simple research procedure in the field of geographical sciences under the guidance of a scientific supervisor	Is able to plan and carry out, independently and in a team, simple research in the field of geographical sciences under the supervision of a research supervisor.	[SU8] observation of student's independent or team work
[GEOGRL3-W07] on advanced level methods of acquiring data on the natural and anthropogenic environment, including operation of specialized equipment	The student knows at an advanced level methods of obtaining data on the natural and anthropogenic environment, including the operation of specialized equipment.	[SW1] oral statement/conversation/discussion [SW5] implementation of a problem task	
Subject contents	1. Construction and operation of the level.2. An example of an area leveling profile.3. Compass photo.4. Verification of a fragment of a topographic map at a scale of 1:10000 based on the existing condition in the verified area.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		51.0%	100.0%
Recommended reading	Basic literature	Medyńska-Gulij B., Kartografia i geowizualizacja, Wydawnictwo PWN, Warszawa, 2011.	
		Pasałowski J. (red.), Wprowadzenie do kartografii i topografii. Wydawnictwo Nowa Era Redakcja Kartograficzna. Wrocław, 2010.	
		Walczak S., Geodezyjne ćwiczenia polowe. Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa, 1993.	
	Supplementary literature	Pelczar M., Szeliga J., Ziółkowski J., Zarys kartografii i topografii. Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk, 1991.	
		Barańczuk J., Borowiak D. (red), Atlas jezior Zaborskiego Parku Krajobrazowego, Pomorski Zespół Parków Krajobrazowych i Katedra Limnologii UG, Gdańsk, 2010.	
		Jagelski A., Geodezja I. Wydawnictwo GEODPIS, Kraków, 2005.	
	eResources addresses	Adresy na platformie eNauczanie:	

Example issues/ example questions/ tasks being completed	Please present the structure of the leveler. Please measure with a leveler. Please verify the topographic map.
Work placement	Not applicable

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