

**Subject card**

<b>Subject name and code</b>	Scientific essay (Laboratory classes), PG_00201212						
<b>Field of study</b>	Physical geography and geoinformation						
<b>Date of commencement of studies</b>	October 2026	<b>Academic year of realisation of subject</b>			2027/2028		
<b>Education level</b>	Master's studies	<b>Subject group</b>			Obligatory subject group 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>	2	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	3	<b>ECTS credits</b>			2.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			credit		
<b>Conducting unit</b>	Laboratory of Geomorphological Reconstructions -> Department of Geomorphology and Quaternary Geology -> Faculty of Oceanography and Geography -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr hab. Piotr Woźniak				
	<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	15.0	0.0	0.0	15
	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>	15		2.0		33.0	50
<b>Subject objectives</b>	<p>1. Introduction to the essay as a form of scientific expression.</p> <p>2. Preparing the student to express their own opinion on selected problems by means of a scientific essay.</p> <p>3. Practicing the ability to use correct scientific terminology.</p>						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[GFGMU2_U10] is able to produce an academic text in the field of physical geography and geoinformation that complies with formal requirements and accepted methodological conventions, including the preparation of a Master's thesis on a proposed or self-proposed topic, in line with their skills and capabilities	Can correctly prepare a text that meets the formal requirements for scientific essays.	[SU3] text preparation/written work
	[GFGMU2_U03] is able to use academic literature in the fields of physical geography and geoinformation in Polish and English, selecting it appropriately for the research objective	Is able to effectively use scientific literature on selected issues in the field of physical geography or geoinformation in written preparation and oral presentation.	[SU2] presentation/project/paper/report [SU3] text preparation/written work
	[GFGMU2_K03] is ready to accepting responsibility for group work assuming various roles in it, participating in preparation of scientific projects, taking responsibility for the equipment and safety rules, active developing of professional competences and knowledge in Earth and environmental sciences and geoinformation, including interdisciplinarity, as well as developing the principles of professional ethics, respecting copyright rules	Can comply with the rules of professional ethics.	[SK3] text preparation/written work
	[GFGMU2_K01] is ready to critically assess the knowledge obtained in the field of Earth and environmental sciences, particularly physical geography and geoinformation, its completion and verification through further critical analysis of scientific literature	Is ready to critically evaluate his/her knowledge in the field of selected issues of physical geography or geoinformation by reading the literature.	[SK2] presentation/project/paper/report [SK3] text preparation/written work
	[GFGMU2_U02] is able to precisely and appropriately use terminology in the field of physical geography and geoinformation in oral statements and written works	Can properly use terminology related to a selected problem in the field of physical geography or geoinformation in a written work or oral statement.	[SU3] text preparation/written work [SU5] implementation of a problem task
	[GFGMU2_U05] is able to integrate knowledge from the discipline of Earth and environmental sciences, explaining and interpreting the interrelationships between environmental processes and phenomena in order to solve research problems in physical geography and geoinformation	Can integrate knowledge in the field of Earth and environmental sciences by correctly explaining the described issue.	[SU1] oral statement/conversation/discussion [SU3] text preparation/written work
	[GFGMU2_W06] knows and understands in a deepened extent conceptual apparatus of physical geography and geoinformation, selected Polish and foreign literature on physical geography and principles of preparing and editing scientific texts	Knows the principles of preparing and editing scientific texts.	[SW3] text preparation/written work
Subject contents	<ol style="list-style-type: none"> <li>1. Getting acquainted with the essay as a form of scientific expression.</li> <li>2. Preparing the student to express their own opinion on selected problems by means of a scientific essay.</li> <li>3. Practicing the ability to use correct scientific terminology.</li> </ol>		
Prerequisites and co-requisites			

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	group work	51.0%	15.0%
	oral presentation	51.0%	30.0%
	essay	51.0%	55.0%
Recommended reading	Basic literature	<p>Andrews R., 2003, The End of the Essay? Teaching in Higher Education, 8(1), 117-128.</p> <p>Day A., 1988, How to write and publish scientific paper, Cambridge University.</p> <p>Hacaga M., 2018, Esej naukowy jako podstawowa forma wypowiedzi studenta różnice między brytyjskim a polskim systemem edukacji wyższej w podejściu do krótkich prac pisemnych, Edukacja Ekonomistów i Menedżerów, 2 (48): 145-158.</p> <p>Womack P., 1993, What Are Essays for? English in Education, 27(272), 4248.</p>	
	Supplementary literature	Bono de E., 2000, Six Thinking Hats, Penguin.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	<p>Write an essay on the given topic.</p> <p>Use the correct terminology to describe the characteristics of the object.</p> <p>Find common verbs used in individual chapters of the master's thesis.</p>		
Work placement	Not applicable		

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