University of Gdańsk

Subject card

Subject name and code	MSc workshop I, PG_00135493		
Field of study	Physical geography and geoinformation		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2024/2025
Education level	postgraduate studies	Subject group	Obligatory subject group in the field of study Optional subject group
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish
Semester of study	2	ECTS credits	2.0
Learning profile	academic	Assessment form	
Conducting unit	Pracownia Badań Klimatu -> Katedra Oceanografii Fizycznej i Badań Klimatu -> Faculty of Oceanography and Geography		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Mirosława Malinowska	
	Teachers		

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	15.0	0.0	0.0	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	15.0	30.0	60

Subject objectives	
	1. Substantive and technical assistance to seminarians in the preparation of the master's thesis.2. Ongoing monitoring of progress in the preparation of the thesis.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[GFGMU2_W06] advanced conceptual apparatus of physical geography and geoinformation, selected Polish and foreign literature on physical geography and principles of preparing and editing scientific texts	He knows and understands the advanced conceptual apparatus of physical geography and geoinformation, selected Polish and foreign language literature on physical geography, as well as the principles of preparing and editing scientific texts, program content: 1-3.	[SW3] text preparation/written work
[GFGMU2_U01] find, select and critically evaluate sources of information about the research problem to be implemented	Able to find, select and critically evaluate sources of information on the research problem assigned for implementation, program content: 1-3.	[SU3] text preparation/written work
[GFGMU2_K01] critical assessment of knowledge in the field of Earth and environmental sciences and geoinformation, its completion and verification through critical analysis of scientific literature	He is ready to critically evaluate his knowledge in the field of his thesis, to complete it and to verify his knowledge and skills through active participation in the discussion, curricular theses: 1-3.	[SK3] text preparation/written work [SK8] observation of student's independent or team work
[GFGMU2_U05] 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 of the discipline of earth and environmental sciences, correctly explaining and interpreting the interrelationships between environmental processes and phenomena to solve research problems of modern climatology, hydrology and geomorphology, curriculum content: 1-3.	[SU3] text preparation/written work
[GFGMU2_U04] describe and analyze the causes and course of physical and geographical processes and phenomena, selecting and applying advanced techniques and research tools in the field of statistical and geoinformation methods, interpreting the results, using theoretical knowledge to formulate own opinions and conclusions	He can describe and analyze the causes and course of observed phenomena, skillfully selecting and applying advanced techniques and research tools from the field of laboratory and statistical methods, and then using theoretical knowledge to formulate their own opinions and conclusions, curricular content: 1-3.	[SU3] text preparation/written work
[GFGMU2_U07] efficiently perform, present and discuss the results of individual or group research, using a properly understood cause-and-effect sequence of the applied research procedure, visualizing the results of spatial data analysis and reliably documenting own contribution to the conducted procedure	Able to efficiently perform, comprehensibly present and discuss the results of their own research using a properly understood cause-and-effect sequence of the applied research procedure, skillfully visualizing the results of spatial data analysis and credibly documenting their own contribution to the conducted procedure, curricular content: 1-3.	[SU1] oral statement/conversation/ discussion [SU3] text preparation/written work
[GFGMU2_K03] 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	He is ready to actively expand professional competence and update knowledge in earth and environmental sciences and geoinformation enriching them with an interdisciplinary dimension, observing and developing the principles of professional ethics, including the observance of copyrights in his own and others' activities, curricular content: 1-3.	[SK3] text preparation/written work [SK8] observation of student's independent or team work
[GFGMU2_W04] theoretical foundations of research methods used in physical geography and closely related sciences, descriptive and mathematical statistics, as well as advanced methods of analyzing spatial phenomena	Knows and understands the theoretical basis of research methods used in physical geography and closely related sciences, descriptive and mathematical statistics, as well as advanced methods of analyzing spatial phenomena, curriculum content: 1-3.	[SW3] text preparation/written work

Course outcome	Subject outcome	Method of verification
[GFGMU2_U02] precisely and appropriately use terminology in the field of physical geography and geoinformation in oral statements and written works	Able to proficiently and appropriately apply the terminology of physical geography and geoinformation in oral statements and written works, curriculum content: 1-3.	[SU3] text preparation/written work
[GFGMU2_W05] principles of planning field and laboratory research using techniques and research tools used in geomorphology, hydrology and climatology, as well as principles of operating equipment and devices used to obtain and process digital geographic information in accordance with health and safety principles	Knows and understands the principles of planning field and laboratory research using techniques and research tools used in geomorphology, hydrology and climatology, as well as the principles of operating equipment and devices for the acquisition and processing of digital geographic information, curriculum content: 1-3.	[SW3] text preparation/written work
[GFGMU2_K02] active actions to raise awareness of changes occurring in the natural environment and their consequences, as well as initiating activities for the protection of the natural environment	He is ready to actively work to raise awareness of changes in the natural environment and their natural and non-natural consequences, curriculum content: 1-3.	[SK3] text preparation/written work [SK8] observation of student's independent or team work
[GFGMU2_U03] effectively use selected scientific literature in the field of physical geography and geoinformation, both in Polish and English	Can effectively use skillfully selected for the purpose of application of scientific literature in the field of the research problem assigned for implementation, program content: 1-3.	[SU3] text preparation/written work
[GFGMU2_U09] plan individually or in a group and perform specialized field measurements and observations of processes and phenomena occurring in the natural environment and interpret their results	Can plan independently or cooperating in a group and perform specialized laboratory measurements and make observations of processes and phenomena occurring in the natural environment and interpret their results, curriculum content: 1-3.	[SU3] text preparation/written work

Subject contents

1. Develop the research methodology used in the master's thesis.2. Determination of the operational objectives necessary for the creation of the master's thesis.3. Search and selection of literature for the thesis.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Obtain a passing grade on the written paper prepared	51.0%	100.0%

Recommended reading

Basic literature	Plit F., 2007, How to write undergraduate and graduate papers in geography, UW, Warsaw (in Polish).Weiner J., 2001, Technique of writing and presenting natural science papers, PWN Scientific Publishers, Warsaw. (in Polish)
Supplementary literature	Supplementary literature adapted to the individual topic of the master's thesis performed.
eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed

1. Review the literature in the field covering the topic of the master's thesis2. Collect the data necessary for your master's thesis3 Prepare an overview of the research methods you will use in your thesis

Work placement

Not applicable

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