

1.	Field of study	Environmental Hazard Engineering
2.	Faculty	Faculty of Natural Sciences
3.	Academic year of entry	2023/2024 (winter term), 2024/2025 (winter term)
4.	Level of qualifications/degree	first-cycle studies (in engineering)
5.	Degree profile	general academic
6.	Mode of study	full-time

7.	General information about the module	
Module name		MSc seminar I
Module code		W2-IZ-S1-309
Number of the ECTS credits		3
Language of instruction		Polish
Purpose and description of the content of education		The student acquires the skills of preparing a scientific paper at the level of an engineering paper. He learns how to plan and implement the following stages of preparing a scientific paper: obtaining data and literature, effective selection of data and literature, proper use of information (including the principles of Anti-plagiarism), formulation of the purpose of a scientific paper. Depending on the specialty pursued by the student and the topic of the engineering paper: the selection of appropriate methods for solving a specific problem or making a compilation on the basis of existing literature.
List of modules that must be completed before starting this module (if necessary)		not applicable

8.	Learning outcomes of the module			
Code	Description	Learning outcomes of the programme		Level of competenc (scale 1-5)
K01	understands the need for lifelong learning, demonstrates the need to constantly update directional knowledge and improve professional and personal competencies	K01		5
		U08		5
K02	able to appropriately identify priorities for accomplishing a task defined by oneself or others	K02		5
U01	he is able to use available sources of information on geohazards, including electronic sources, and has the ability to make correct inferences based on data from various sources	W01		5
U02	able to prepare a well-documented study of geohazards and make an oral presentation of specific issues in geohazards both in Polish and English	U02		5
U03	uses scientific language in the discourses undertaken with specialists in the selected discipline of geographical sciences	U05		5
U04	understands literature on the sciences involving geohazards in Polish; reads uncomplicated scientific texts in English with understanding	U06		5
W01	has the required knowledge of industrial property protection and copyright law	W06		3

9. Methods of conducting classes		
Code	Category	Name (description)
b04	Problem-solving methods	Activating method – discussion / debate <i>an exchange of views supported by substantive arguments leading to a clash of different views, a compromise or the identification of common positions; it proceeds according to previously agreed-upon rules regarding the time, manner and turn-taking as well as the principles of civil discourse; a discussion is not a competition but aims at finding the best solutions or presenting different points of view; its varieties include brainstorming, Oxford-style debate, panel discussion, decision tree, conference discussion; a debate is an orderly dispute between supporters and opponents of a viewpoint, usually specialists in the field or pre-selected representatives of a group dealing with a common problem</i>
b05	Problem-solving methods	Activating method – seminar / proseminar <i>a seminar method; usually an oral presentation of a previously studied/diagnosed problem delivered on a forum; it aims at provoking a discussion concerning the results of research work; a type of conference, course or training session modelled on seminar classes</i>

10. Forms of teaching					
Code	Name	Number of hours	Assessment of the learning outcomes of the module	Learning outcomes of the module	Methods of conducting classes
W2-IZ-S1-309_fs_1	seminar	30	course work	K01, K02, U01, U02, U03, U04, W01	b04, b05

11. The student's work, apart from participation in classes, includes in particular:			
Code	Category	Name (description)	Is it part of the BUNA?
a01	Preparation for classes	Search for materials and review activities necessary for class participation <i>reviewing literature, documentation, tools and materials as well as the specifics of the syllabus and the range of activities indicated in it as required for full participation in classes</i>	Yes
a02	Preparation for classes	Literature reading / analysis of source materials <i>reading the literature indicated in the syllabus; reviewing, organizing, analyzing and selecting source materials to be used in class</i>	Yes
a03	Preparation for classes	Developing practical skills <i>activities involving the repetition, refinement and consolidation of practical skills, including those developed during previous classes or new skills necessary for the implementation of subsequent elements of the curriculum (as preparation for class participation)</i>	Yes
a04	Preparation for classes	Consulting materials complementary to those indicated in the syllabus <i>agreeing on materials complementary to those indicated in the syllabus, supporting the implementation of tasks resulting from or necessary for class participation</i>	Yes
a05	Preparation for classes	Production/preparation of tools, materials or documentation necessary for class participation <i>developing, preparing and assessing the usefulness of tools and materials (e.g. aids, scenarios, research tools, equipment, etc.) to be employed in class or as an aid when preparing for classes</i>	Yes

Information on the details of the module implementation in a given academic year can be found in the syllabus available in the USOS system: <https://usosweb.us.edu.pl>.