

1.	Field of study	Environmental Hazard Engineering
2.	Faculty	Faculty of Natural Sciences
3.	Academic year of entry	2025/2026 (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		Crisis management systems
Module code		W2-IZ-S1-314
Number of the ECTS credits		1
Language of instruction		Polish
Purpose and description of the content of education		The module aims to acquaint students with crisis management mechanisms. The student should acquire knowledge about the legal and organizational status, structure and effectiveness of existing solutions and information about the principles of designing such systems. Acquainted with preventive actions regarding geohazards and crisis management will allow you to better understand the mechanisms of quality management and conducting business and spatial planning.
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	he is ready to critically assess his knowledge and demonstrates the need to constantly update his field knowledge and improve professional and personal competencies	K01	5	
K02	can set priorities, identify and resolve dilemmas related to the profession on their own or by consulting experts	K02	5	
K03	he is ready to engage in engineering activities and take responsibility for the decisions he makes	K03	5	
K04	he is responsible for the safety of his own and others' work and knows how to act in emergencies	K04	5	
U01	he learns on his own in a targeted way	U01	5	
U02	when formulating and solving tasks within geohazards, they can see their systemic aspects: natural, social, economic and legal	U02	5	
W01	he knows the organization of the crisis management system in the country and its tasks, especially within the geohazards	W01	5	
W02	he knows of crisis management, including in relation to economic activity and spatial planning	W02	5	

9.	Methods of conducting classes		
Code	Category	Name (description)	
a01	Lecture methods / expository methods	Formal lecture/ course-related lecture	

		<i>a systematic course of study involving a synthetic presentation of an academic discipline; its implementation assumes a passive reception of the information provided</i>
c02	Demonstration methods	Video show <i>reproducing a film or video material in its entirety or in fragments in order to illustrate the content taught in class, to submit it to analysis and evaluation or to use it as an exercise in image perception; a film/video can be a work of art, an illustration (also technical illustration) of a content/phenomenon/object, a private record of an action, a media image, etc.</i>
c07	Demonstration methods	Screen presentation <i>a presentation of synthetic image content using computer graphics, e.g., a series of slides or other multimedia forms, usually accompanied by a commentary; typical components of a screen presentation include text organized into bulleted points, charts, images and animations, sometimes sound effects or music; a multimedia illustration of course content presented in the form of a projected image</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-S1-314_fs_1	lecture	15	exam	K01, K02, K03, K04, U01, U02, W01, W02	a01, c02, c07

11. The student's work, apart from participation in classes, includes in particular:			
Code	Category	Name (description)	Is it part of the BUNA?
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
b01	Consulting the curriculum and the organization of classes	Getting acquainted with the syllabus content <i>reading through the syllabus and getting acquainted with its content</i>	Yes
c02	Preparation for verification of learning outcomes	Studying the literature used in and the materials produced in class <i>exploring the studied content, inquiring, considering, assimilating, interpreting it, or organizing knowledge obtained from the literature, documentation, instructions, scenarios, etc., used in class as well as from the notes or other materials/artifacts made in class</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>.