

1.	Field of study	Applied Geology
2.	Faculty	Faculty of Natural Sciences
3.	Academic year of entry	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	Field Research - General Geology	
Module code	W2-GS-S1-419	
Number of the ECTS credits	6	
Language of instruction	Polish	
Purpose and description of the content of education	Moduł Geologia ogólna ma umożliwić studentowi praktyczne poznanie geologii w terenie. Przede wszystkim wykorzystanie różnych metod badawczych w warunkach terenowych. Opanowanie techniki pomiarów elementów zalegania warstw geologicznych, identyfikacji podstawowych typów skał, minerałów i skamieniałości oraz możliwość identyfikacji podstawowych struktur geologicznych w oparciu o obserwacje terenowe.	
List of modules that must be completed before starting this module (if necessary)	[W2-GS-S1-405] Dynamic Earth 1 [W2-GS-S1-406] Dynamic Earth 2 [W2-GS-S1-012] Basis of geography [W2-GS-S1-028] Basics of historical geology and stratigraphy [W2-GS-S1-402] Basics of topography and cartography	

8.	Learning outcomes of the module			
Code	Description	Learning outcomes of the programme	Level of competenc (scale 1-5)	
W2-GS-S1-419_1	zna podstawowe zasady pracy indywidualnej oraz zespołowej geologa terenowego wraz z zasadami BHP i potrafi je stosować	1GS_U9 1GS_W1 1GS_W6	4 2 2	
W2-GS-S1-419_2	zna różne typy odsłonięć geologicznych i potrafi je znaleźć w terenie	1GS_W1	1	
W2-GS-S1-419_3	ma umiejętność terenowej identyfikacji skał, minerałów skamieniałości, struktur sedymentacyjnych oraz prostych struktur tektonicznych w oparciu o wiedzę z zajęć audytoryjnych; potrafi analizować informacje zawarte w skale na podstawie cech makroskopowych, składu ziarnowego, mineralogii i śladów paleontologicznych	1GS_U1	3	
W2-GS-S1-419_4	potrafi prowadzić notatnik terenowy, wykonywać rysunki obiektów w skali makro, wykonywać proste przekroje geologiczne w oparciu o obserwacje terenowe oraz profilować odsłonięcia skał osadowych; potrafi wykonywać proste pomiary terenowe oraz posługiwać się kompasem geologicznym	1GS_U6	3	
W2-GS-S1-419_5	potrafi orientować się w terenie oraz posługiwać się mapą topograficzną i geologiczną; wykazuje się geologiczną wyobraźnią przestrzenną	1GS_U1	1	
W2-GS-	jest wrażliwy na piękno przyrody; ma świadomość wartości i unikalności odsłonięć geologicznych, okazów minerałów,	1GS_K3	3	

S1-419_6	skamieniałości i innych obiektów geologicznych oraz oraz potrzeby ich ochrony	1GS_K6	1
W2-GS-S1-419_7	wykazuje aktywną postawę do poznawania rzeczy nowych i wykorzystywania ich dla wzbogacania własnej wiedzy	1GS_K1 1GS_K2	3 3

9. Methods of conducting classes		
Code	Category	Name (description)
c06	Demonstration methods	Demonstration-imitation <i>a presentation of a model way of performing specific activities accompanied by a commentary; it aims at triggering imitation activities in an individual or in a group of participants observing the activities of the person teaching the course until the right habit is formed through regular exercise; the demonstration-imitation method is combined with a physical practice of activities/behaviours</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>
e06	Practical methods	Observation <i>also conducted as fieldwork; a method of watching phenomena, objects or people in a systematic/planned way in order to gain knowledge about them; perceptual separation of elements of a model action as an element of learning through imitation; a complex system of cognition based on sensory experiences</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-GS-S1-419_ct_1	field practice	84	course work	W2-GS-S1-419_1, W2-GS-S1-419_2, W2-GS-S1-419_3, W2-GS-S1-419_4, W2-GS-S1-419_5, W2-GS-S1-419_6, W2-GS-S1-419_7	c06, c07, e06

11. The student's work, apart from participation in classes, includes in particular:			
Code	Category	Name (description)	Is it part of the BUNA?
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>	No
c01	Preparation for verification of learning outcomes	Determining the stages of task implementation contributing to the verification of learning outcomes <i>devising a task implementation strategy embracing the division of content, the range of activities, implementation time and/or the method(s) of obtaining the necessary materials and tools, etc.</i>	No
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</i>	No

		<i>well as from the notes or other materials/artifacts made in class</i>	
c03	Preparation for verification of learning outcomes	Implementation of an individual or group assignment necessary for course/phase/ examination completion <i>a set of activities aimed at performing an assigned task, to be executed out of class, as an obligatory phase/element of the verification of the learning outcomes assigned to the course</i>	No
d03	Consulting the results of the verification of learning outcomes	Review of internship documentation <i>an analysis of the portfolio of documentation obtained during internship, including professional internship, and other practical classes and studio sessions, as well as the documentation developed in order to obtain credit for such classes; verification of the description, necessary attachments, opinions and grades before submitting the portfolio for acceptance</i>	No

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>.