

1.	Field of study	Biophysics
2.	Faculty	Faculty of Science and Technology
3.	Academic year of entry	2023/2024 (winter term), 2024/2025 (winter term)
4.	Level of qualifications/degree	first-cycle studies
5.	Degree profile	general academic
6.	Mode of study	full-time

7. General information about the	General information about the module			
Module name	Mathematics Repetitory			
Module code	W4-BF-S1-1-23-07			
Number of the ECTS credits	3			
Language of instruction	Polish			
Purpose and description of the content of education	The aim of the seminar is to systematize and supplement students' knowledge and to acquire the ability to solve problems in the field of mathematical analysis regarding the real function of one variable at the level of the extended matriculation exam in mathematics.			
List of modules that must be completed before starting this module (if necessary)	not applicable			

8. Learning	Learning outcomes of the module					
Code	Description	Learning outcomes of the programme	Level of competent (scale 1-5)			
E1	The student understands the civilizational importance of mathematics.	W08	1			
E2	The student is able to independently solve simple problems concerning the real function of one variable.	U05	1			
E3	The student is able to present, in an understandable way, in speech and in writing, the definition of the function, the limit of the function, the derivative, and its application.	U05	1			

9. Methods of c	Methods of conducting classes			
Code	Category	Name (description)		
b02	Problem-solving methods	Lecture-discussion transmission of content involving interaction with the lecture audience; discussion of lecture-related issues is one of its elements or constitutes its follow-up		
b07	Problem-solving methods	Activating methods: a case study a comprehensive description of a phenomenon connected with the selected discipline; reflecting the reality, presenting the 'what', 'where' and 'how' of the phenomenon, i.e., all of its key aspects to be discussed in class; used as a reproduction, presentation, discussion or diagnosis of factors that shape the phenomenon or interact with it; an in-depth qualitative analysis and evaluation of a selected phenomenon		



10. Forms of	Forms of teaching					
Code	•	Name		1	Learning outcomes of the module	Methods of conducting classes
FZ1		discussion classes	30	course work	E1, E2, E3	b02, b07

11. The studen	t's work, apart from participation in classes, incl	udes in particular:	
Code	Category	Name (description)	Is it part of the BUNA?
a02	Preparation for classes	Literature reading / analysis of source materials reading the literature indicated in the syllabus; reviewing, organizing, analyzing and selecting source materials to be used in class	No
a03	Preparation for classes	Developing practical skills 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)	Yes
b01	Consulting the curriculum and the organization of classes	Getting acquainted with the syllabus content reading through the syllabus and getting acquainted with its content	No
c02	Preparation for verification of learning outcomes	Studying the literature used in and the materials produced in class 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	No
c03	Preparation for verification of learning outcomes	Implementation of an individual or group assignment necessary for course/phase/ examination completion 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	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.