

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

7. General information about the	General information about the module			
Module name	Visual Perception			
Module code	W4-BF-OO-S1-5-23-42A			
Number of the ECTS credits	2			
Language of instruction	Polish			
Purpose and description of the content of education	The aim of the module is to provide information on visual perception. During the course, the student will acquire the necessary knowledge and understanding of the physical and physiological aspects of vision including the principals of psychophysical measurements, visual detection, visual discrimination, visual search and attention and binocular vision. The aim of the module is to discuss issues in the following thematic areas: visual pathway, colour vision, space perception, form perception, light perception, motion perception, temporal perception, psychophysical and scaling method and theory, signal detection methods and theory.			
List of modules that must be completed before starting this module (if necessary)	not applicable			

8. Lear	earning outcomes of the module						
Code	e Description	Learning outcomes of the programme	Level of competent (scale 1-5)				
E1	The student knows and is capable of explaining in an understandable way (both orally and in writing): visual pathway,	U01	1				
	colour vision, space perception, form perception, light perception, motion perception, temporal perception.	W01	1				
		W03	1				
		W05	1				
E2	The student understands and is able to solve problems related to psychophysical methods and scaling theory, signal detection methods and theory.	U01	1				
		W01	1				
		W03	1				
		W05	1				
E3	The student knows the basics of eye electrophysiology and its applications. The student knows the neurological	U04	1				
	disorders that cause problems with visual perception.	W07	1				
E4	Students can expand their knowledge of visual perception and find detailed information using professional literature.	U07	1				
		U08	1				



		W03 W05	1 1
E5	Student understands the need for an ethical attitude and respect toward another human being - the patient.	K04	1

9.	Methods of co	Methods of conducting classes			
	Code	Category	Name (description)		
a01		' ,	Formal lecture/ course-related lecture a systematic course of study involving a synthetic presentation of an academic discipline; its implementation assumes a passive reception of the information provided		
c06			Demonstration-imitation 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		

10. Forms of teaching						
	Code	Name		Assessment of the learning outcomes of the module	Learning outcomes of the module	Methods of conducting classes
FZ1		lecture	25	course work	E1, E2, E3, E4, E5	a01, c06

11. The student's	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 reading the literature indicated in the syllabus; reviewing, organizing, analyzing and selecting source materials to be used in class	Yes	
	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	
c03		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	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.