

Subject card

Subject name and code	Principles of Toxicology - lecture, PG_00205282						
Field of study	Oceanography						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2028/2029		
Education level	Bachelor's studies	Subject group			Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study		
Mode of study	full-time studies	Mode of delivery			at the university		
Year of study	3	Language of instruction			Polish		
Semester of study	5	ECTS credits			1.0		
Learning profile	academic	Assessment form			credit		
Conducting unit	Laboratory of Marine Biotechnology -> Department of Marine Biology and Biotechnology -> Faculty of Oceanography and Geography -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. Hanna Mazur-Marzec				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	15		1.0		9.0	25
Subject objectives	Acquisition by students basic knowledge on toxins, their classification, mechanism of action, toxicokinetics and toxicodynamics. History of toxicology.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[OCEANL3-W04] has an advanced understanding of issues and research problems in oceanography, and recognizes their connection with other scientific disciplines		Possesses basic knowledge and understands main toxicological issues.		[SW4] test/exam - oral or written		
Subject contents	<p>The course includes such topics as:</p> <ul style="list-style-type: none"> - history of toxicology - classification and characterisation of toxins - toxicokinetics - toxicodynamics - toxicological tests 						

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Test	51.0%	100.0%
Recommended reading	Basic literature	Jurowski K., Piekoszewski W., 2020. Toksykologia tom 1 i 2. PZWL Wydawnictwo Lekarskie. Warszawa	
	Supplementary literature	John Timbrell; The Poison Paradox: Chemicals as Friends and Foes, Oxford University Press	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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