

Subject card

Subject name and code	Application of numerical methods in ecology, PG_00154752						
Field of study	Biology						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	postgraduate studies		Subject group		Obligatory subject group in the field of study Optional subject group		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	3		ECTS credits		1.0		
Learning profile	academic		Assessment form				
Conducting unit	Pracownia Ekologii i Etologii Kręgowców -> Katedra Ekologii i Zoologii Kręgowców -> Faculty of Biology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Adrian Zwolicki				
	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		2.0		8.0	25
Subject objectives	not applicable						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[BIOLMU2_K07] the graduate is ready to systematically update biological knowledge and information on its practical applications	not applicable	[SK4] test/exam - oral or written
	[BIOLMU2_U06] the graduate is able to use the acquired expertise in the biological sciences to interpret the collected empirical data and to make inferences	not applicable	[SU4] test/exam - oral or written
	[BIOLMU2_U05] the graduate is able to use statistical methods and computer techniques and tools to describe biological phenomena and analyse specialised data	not applicable	[SU4] test/exam - oral or written
	[BIOLMU2_U01] the graduate is able to select and apply research techniques and tools appropriate to the problems of the biological sciences specialisation studied	not applicable	[SU4] test/exam - oral or written
	[BIOLMU2_W05] the graduate knows and understands the dynamic development of the biological sciences and new research directions and disciplines	not applicable	[SW4] test/exam - oral or written
	[BIOLMU2_W04] the graduate has an in-depth knowledge of the chosen specialisation in the biological sciences	not applicable	[SW4] test/exam - oral or written
	[BIOLMU2_W02] the graduate knows and understands the principle of strict, empirically based interpretation of biological phenomena and processes in research work and practical activities	not applicable	[SW4] test/exam - oral or written
Subject contents	not applicable		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	not applicable	50.0%	100.0%
Recommended reading	Basic literature	not applicable	
	Supplementary literature	not applicable	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	not applicable		
Work placement	Not applicable		

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