

Subject card

Subject name and code	Basics of Biology - Lecture, PG_00212215						
Field of study	Criminology						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2026/2027		
Education level	Master's studies		Subject group		Optional subject group		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	1		ECTS credits		2.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Laboratory of Parasitology and General Zoology -> Katedra Zoologii Bezkręgowców i Parazytologii -> Faculty of Biology -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Sławomira Fryderyk				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
	Additional information: Conversation lecture Problem-based lecture Lecture with multimedia presentation						
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	30		0.0		20.0	50
Subject objectives	1. To gain an understanding of the fundamental principles of the structure, biology and classification of living organisms. 2. To comprehend the biological processes that determine life at different levels of its organisation. 3. To be able to recognise and classify different groups of organisms.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[KRYMMU2_W01] Has in-depth knowledge of the nature of legal sciences and penal sciences, their place within the system of sciences, their mutual relationships, and the main directions of their development, as well as their connections with other fields of science and the axiological and social determinants of activities related to counteracting crime.	The graduate has in-depth knowledge of biology, explains basic biological concepts, and describes the structure and functional relationships at the cellular, tissue, organ, and organismal levels; describes biological phenomena occurring in nature, characterizes selected groups of organisms, and outlines their evolution; recognizes the dynamic development of the biological sciences and their connections to other fields of science, including those related to their field of study.	[SW4] test/exam - oral or written
	[KRYMMU2_W06] Has in-depth knowledge and is familiar with the terminology used in psychology, sociology, and related disciplines applied in criminology, and understands the fundamental dilemmas of contemporary civilization associated with these fields. The graduate is also familiar with the basic principles of intellectual property and copyright protection, as well as the conditions for the creation and development of various forms of entrepreneurship.	The graduate has in-depth knowledge of and is familiar with the terminology of the biological sciences as applied to criminology, and understands the fundamental issues and dilemmas of modern civilization related to the application of advances in the natural sciences to criminology. Is familiar with the basic principles of intellectual property protection and copyright law, as well as the principles of the responsible use of scientific research findings.	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
	[KRYMMU2_K01] Is aware of the level of their knowledge and skills, critically evaluates them, understands the need for lifelong learning, and recognizes the importance of knowledge in solving cognitive and practical problems; when unable to solve a problem independently, seeks the opinions of experts.	The graduate is aware of the extent of their knowledge and skills in biology as it applies to criminology, critically evaluate them, understand the need for lifelong learning, and, when faced with difficulties in solving problems on their own, is able to seek the advice of experts.	[SK1] oral statement/conversation/ discussion [SK4] test/exam - oral or written
Subject contents	Nomenclature, criteria for classification of living organisms. Biology of the cell. Basics of classification of living organisms. Characteristics of Procaryota, Eucaryota (Protista, Fungi, Plantae, Zoa). Selected topics in ecology and biogeography. Developmental biology. Major issues in genetics and general mechanisms of evolution. Selected topics in anthropology and ethology.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	written assessment (test and open questions)	51.0%	100.0%
Recommended reading	Basic literature	Błaszak C. (red.). Zoologia, t.1-2. Bezkręgowce. Stawonogi. PWN, Warszawa. 2009-2012. Błaszak C. (red.). 2015. Zoologia, t. 3. Szkarłupnie - płazy. cz. 1. PWN, Warszawa. Błaszak C. (red.). 2020. Zoologia t.3. Ssaki. cz. 3. PWN, Warszawa. Campbell N.A., Reece J.B. 2014. Biologia. Rebis, Poznań. Grodziński Z. 1979. Zoologia strunowce i przedstrunowce. PWN, Warszawa. Szweykowska A., Szweykowski J. 2016. Botanika. PWN, Warszawa.	
	Supplementary literature	Encyklopedia biologiczna. T.I-XIII. OPRES Kraków, 2000. Gajewski W. Genetyka. PWRiL, Warszawa. 1992. Jasiński A. Zootomia kręgowców. PWN, Warszawa. 1984. Jura C. Bezkręgowce. PWN Warszawa. 2007. Malinowski A. , Strzałko J. (red.). Antropologia. PWN Warszawa Poznań. 1989. Zawistowski S. Zarys histologii. PZWL, Warszawa. 1990.	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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