

Subject card

Subject name and code	Basics of biology - lecture, PG_00132593						
Field of study	Criminology						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2024/2025		
Education level	Master's studies	Subject group			Optional subject group		
Mode of study	part-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	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	15.0	0.0	0.0	0.0	0.0	15
	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	15	0.0	35.0	50		
Subject objectives	1 To learn the fundamentals of the structure, biology and classification of living organisms. 2 To understand 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_WG01] The graduate demonstrates widened knowledge about legal science and related penal sciences, their the place in the system of sciences and mutual relation	explains the basic concepts of biology, demonstrates the structure and functional relationships at cellular, tissue, organ and organismal; describes biological phenomena occurring in nature, characterises selected groups of organisms and describes their evolution			[SW4] test/exam - oral or written		
	[KRYMMU2_UW01] The graduate utilizes theoretical knowledge in the field of criminology and the related scientific disciplines to analyze and interpret problems connected with widely understood crime	independently searches for and uses available biological information in electronic sources to prepare for class; uses biological terminology correctly.			[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written		
	[KRYMMU2_KK01] The graduate is aware of the level of his/her knowledge and skills, and also understands the need of lifelong learning	The individual is aware of their level of knowledge and skills and is aware of the necessity for lifelong learning.			[SK1] oral statement/conversation/discussion		

Subject contents	Nomenclature, criteria for classification of living organisms. Biology of the cell. Basics of classification of living organisms. Characteristics of Prokaryota, Eucaryota (Protista, Fungi, Plantae, Zoa). Selected topics in ecology and biogeography. Developmental biology. Main issues of 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	<p>Błaszak C. (red.). Zoologia, t.1-2. Bezkręgowce. Stawonogi. PWN, Warszawa. 2009 - 2012.</p> <p>Błaszak C. (red.). Zoologia, t. 3. Szkarłupnie - płazy. cz. 1. PWN, Warszawa. 2015.</p> <p>Błaszak C. (red.). Zoologia t.3. Ssaki. cz. 3. PWN, Warszawa. 2020.</p> <p>Campbell N.A., Reece J.B. Biologia. Rebis, Poznań. 2014.</p> <p>Grodziński Z. Zoologia strunowce i przedstrunowce. PWN, Warszawa. 1979.</p> <p>Szweykowska A., Szweykowski J. Botanika. PWN, Warszawa. 2016.</p>	
	Supplementary literature	<p>Encyklopedia biologiczna. T.I-XIII. OPRES Kraków, 2000.</p> <p>Gajewski W. Genetyka. PWRiL, Warszawa. 1992.</p> <p>Jasiński A. Zootomia kręgowców. PWN, Warszawa. 1984.</p> <p>Malinowski A. , Strzałko J. (red.). Antropologia. PWN Warszawa Poznań. 1989.</p> <p>Malinowski E. Anatomia roślin. PWN, Warszawa. 1983.</p> <p>Rajski A. Zoologia. T. I i II. PWN, Warszawa. 1994.</p>	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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