University of Gdańsk

Subject card

Subject name and code	Basics of biology - lecture, PG_00132714		
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	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	Katedra Zoologii Bezkręgowców i Parazytologii -> Faculty of Biology -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Sławomira Fryderyk	
	Teachers	dr Sławomira Fryderyk prof. dr hab. Joanna Izdebska	

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.

<table>
<tr><td>Learning outcomes</td><td>
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<tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr>
<tr><td>[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</td><td>The text provides an overview of the fundamental principles of biology, illustrating the structural and functional relationships at the cellular, tissue, organ, and organismal levels.
It provides a description of biological phenomena occurring in nature, characterises selected groups of organisms and describes their evolution.</td><td>[SW4] test/exam - oral or written</td></tr>
<tr><td>[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</td><td>The student is expected to undertake independent research into the available biological information in electronic sources in order to prepare for class.</td><td>[SU1] oral statement/conversation/ discussion
[SU4] test/exam - oral or written</td></tr>
<tr><td>[KRYMMU2_KK01] The graduate is aware of the level of his/her knowledge and skills, and also understands the need of lifelong learning</td><td>The individual is aware of their level of knowledge and skills and is aware of the necessity for lifelong learning.</td><td>[SK1] oral statement/conversation/ discussion</td></tr>
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<tr><td>Subject contents</td><td>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.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>written assessment (test and open questions)</td><td>51.0%</td><td>100.0%</td></tr>
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<tr><td>Recommended reading</td><td>
<table>
<tr><td>Basic literature</td><td>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.</td></tr>
<tr><td>Supplementary literature</td><td>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.</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td></td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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