

Subject card

Subject name and code	Evolution and systematics of chordates, PG_00129980						
Field of study	Biology						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2024/2025		
Education level	undergraduate studies	Subject group			Obligatory subject group in the field of study 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	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			3.0		
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		prof. dr hab. Dariusz Jakubas				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	30.0	0.0	0.0	30
	E-learning hours included: 0.0						
	Additional information: not relevant						
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		8.0		37.0	75
Subject objectives	not relevant						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[BIOLL3_K03] The graduate will be able to organise the work of a small team and work effectively as part of a team	not relevant	[SK2] presentation/project/paper/report [SK8] observation of student's independent or team work
	[BIOLL3_W03] The graduate knows the structure and functional relationships at the cellular, tissue, organ and organismal levels	not relevant	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report
	[BIOLL3_U08] The graduate is able to learn independently, in a focused manner	not relevant	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU4] test/exam - oral or written
	[BIOLL3_W06] The graduate will know the characteristics, systematics and understand the evolution of selected groups of organisms including molecular basis and basic concepts and mechanisms of evolution	not relevant	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report
	[BIOLL3_U02] The graduate will be able to make observations individually and in teams, and carry out basic physical, biological and chemical measurements in the field or laboratory	not relevant	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written [SU6] demonstration of practical skills
[BIOLL3_U07] The graduate should be able to independently search for and use available sources of biological information, including electronic sources	not relevant	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report	
Subject contents	not relevant		
Prerequisites and co-requisites	not relevant		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		51.0%	69.0%
		51.0%	23.0%
		51.0%	8.0%
Recommended reading	Basic literature	<p>Błaszak Cz. 2015. Zoologia Tom 3 Część 1 Szkarłupnie - płazy. PWN, Warszawa</p> <p>Błaszak Cz. 2020. Zoologia Tom 3 Część 3 Ssaki. PWN, Warszawa</p> <p>Kardong K.V. 1998-2018. Vertebrates. Comparative Anatomy, Function, Evolution. WCB McGaw-Hill Comp. Inc., New York.</p> <p>Szarski H. (red). 1976. Anatomia porównawcza kręgowców. PWN, Warszawa</p> <p>Jasiński A. 1973. Zootomia kręgowców. PWN, Warszawa.</p>	
	Supplementary literature	Szarski H. 1982-2023. Historia Zwierząt Kręgowych. PWN. Warszawa	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/example questions/tasks being completed	not relevant		
Work placement	Not applicable		

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