

Subject card

Subject name and code	Academic writing, PG_00147210						
Field of study	Genetics and Experimental Biology						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2027/2028		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	3		Language of instruction		Polish		
Semester of study	5		ECTS credits		2.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Laboratory of Biosystematics and Ecology of Aquatic Invertebrates -> Department of Evolutionary Genetics and Biosystematics -> Faculty of Biology -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Anna Iglowska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	0.0	0.0	0.0	30
	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	30		3.0		17.0	50
Subject objectives	To familiarize students with the principles of writing and presenting scientific works on natural sciences						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[GBEL3_U09] Plan and pursue one's education autonomously and in a focused manner.		- learns independently, in a focused way (GM1_U09)		[SU1] oral statement/conversation/discussion [SU3] text preparation/written work [SU8] observation of student's independent or team work		
	[GBEL3_K07] Lifelong learning and updating knowledge in the field of molecular genetics and other disciplines.		- understands the need for lifelong learning and updating knowledge (GM1_K07)		[SK1] oral statement/conversation/discussion [SK8] observation of student's independent or team work		
	[GBEL3_W07] the principles of presenting research results and acquiring funding for research and its commercialization.		- knows the basic principles of presenting the results of scientific works (GM1_W07)		[SW2] presentation/project/paper/report [SW3] text preparation/written work		
	[GBEL3_W06] the development and current state of knowledge, as well as the latest trends in molecular genetics and related fields; indicating their relationship with other disciplines in the natural or medical sciences and the possibilities of their practical application.		- is aware of the development and current state of knowledge regarding bibliometric indicators and rankings of natural science and medical journals created on their basis, and indicates the possibilities of using indicators in publishing practice (GM1_W06)		[SW1] oral statement/conversation/discussion [SW5] implementation of a problem task		
Subject contents	Familiarization with the types of scientific publications. Division of the content of a nature experimental publication. Principles of constructing scientific texts in terms of form (manuscript format, tables, numbers and formulas, figures, citation of literature). Rules for preparing a poster and script for an oral presentation. Bibliometric indicators, their use and limitations, and journal rankings. Copyright and plagiarism						
Prerequisites and co-requisites							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Scientific presentation	51.0%	10.0%
	Work card II	51.0%	10.0%
	Work card IV	51.0%	10.0%
	Work card III	51.0%	10.0%
	Scientific poster	51.0%	10.0%
	Review of scientific text	51.0%	10.0%
	Work card I	51.0%	10.0%
	Work card V	51.0%	10.0%
	Work card VI	51.0%	10.0%
	Work card VII	51.0%	10.0%
Recommended reading	Basic literature	A.1. used during classes Weiner J. 2003. Principles of writing and presenting natural science papers. PWN, Warsaw.scientific publications and posters selected by the instructor and analyzed during classes A.2. studied independently by the student Weiner J. 2003. Principles of writing and presenting natural science papers. PWN, Warsaw	
	Supplementary literature	Blackwell J., Martin J. 2011. A scientific approach to scientific writing. Springer, New York. Lichtfouse E. 2013. Scientific writing for impact factor journals. Nova Science Publishers, Inc., New York Chasan-Taber L. 2014. Writing dissertation and grant proposals. CRC Press, Taylor & Francis Group, London	
	eResources addresses		
Example issues/ example questions/ tasks being completed	1. Headings of illustrations in scientific work (individual work) Below are three illustrations that are missing headings. Add headings so that they reflect the presented content concisely and adequately. 2. Title and keywords in scientific texts (individual work) Read the abstracts below. Suggest scientific titles and keywords (five for each example) appropriate to the content of the abstracts. 3. Research goal and research hypothesis: what is the difference? (individual work + discussion) Three research hypotheses are presented below. Propose research goals consistent with the content of the hypotheses.		
Work placement	Not applicable		

Document generated electronically. Does not require a seal or signature.