University of Gdańsk

Subject card

Subject name and code	Academic writing, PG_00198358						
Field of study	Genetics and Experimental Biology						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2028/2029		
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		1.0		
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 Iglikowska				
	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						
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		2.0		8.0	25
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_W06] A graduate has an advanced knowledge and understanding of: the development and current state of knowledge and the latest trends in molecular genetics and related fields; indicates their relationship to other disciplines in the life sciences or medical sciences and their potential for use in practice	- 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)	[SW4] test/exam - oral or written
[GBEL3_K07] The graduate is prepared to: lifelong learning and updating of knowledge in molecular genetics and other fields.	- understands the need for lifelong learning and updating knowledge (GM1_K07)	[SK4] test/exam - oral or written
[GBEL3_U04] The graduate is able to: read scientific texts in English and Polish with comprehension, synthesise the knowledge they contain, prepare well-documented papers on biological problems and on the commercialisation of research.	- can read and understand scientific texts in Polish and English in the field of genetics and experimental biology, synthesize the knowledge contained therein, prepare and present well-documented studies of biological research results (GM1_U04)	[SU4] test/exam - oral or written
[GBEL3_U09] The graduate is able to: plan their education and learn in an independent and focused manner.	- learns independently, in a focused way (GM1_U09)	[SU4] test/exam - oral or written
[GBEL3_W07] A graduate has an advanced knowledge and understanding of: principles for presenting results and raising funds for research and its commercialisation.	- knows the basic principles of presenting the results of scientific works (GM1_W07)	[SW4] test/exam - oral or written

Subject contents

Lecture topics: Features, goals and types of scientific publications. Scheme of division of the content of natural experimental work. 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
Final test	51.0%	100.0%

Recommended reading

Basic literature	A. Literature required to finally pass the course (pass the exam): 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 scientific works on natural sciences. 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. Which of the following are not features of the scientific style: a) objectivity of the presented phenomena and problems b) lack of jargon and colloquial vocabulary c) logical composition of statements d) conciseness e) rich use of metaphors, similes and metaphors 2. What is the difference between a reporting review and a polemical review? .... .3. What should not be on the chart: a) description of the OX and OY axes b) large amounts of text c) scale on the axes d) equally measured scale divisions e) a concise legend
Work placement	Not applicable

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