University of Gdańsk

Subject card

Subject name and code	Academic writing, PG_00147214		
Field of study	Genetics and Experimental Biology		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2026/2027
Education level	undergraduate 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 polish
Semester of study	5	ECTS credits	1.0
Learning profile	academic	Assessment form	
Conducting unit	Pracownia Biosystematyki i Ekologii Bezkręgowców Wodnych -> Katedra Genetyki Ewolucyjnej i Biosystematyki -> Faculty of Biology		
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_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)	[SW4] test/exam - oral or written
[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)	[SW4] test/exam - oral or written
[GBEL3_U04] Capable of reading scientific texts in English and Polish with comprehension, synthesizing the knowledge contained within them, preparing well-documented studies on biological issues, as well as those related to research commercialization.	- 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_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)	[SK4] test/exam - oral or written
[GBEL3_U09] Plan and pursue one's education autonomously and in a focused manner.	- learns independently, in a focused way (GM1_U09)	[SU4] 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	Adresy na platformie eNauczanie:

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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