University of Gdańsk

Subject card

Subject name and code	The role of the biologist in contemporary public debate - improving scientific communication techniques, PG_00154697		
Field of study	Medical Biology		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2025/2026
Education level	postgraduate studies	Subject group	Obligatory subject group in the field of study Optional subject group
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	Polish
Semester of study	4	ECTS credits	2.0
Learning profile	academic	Assessment form	
Conducting unit	Pracownia Symbioz Roślinnych -> Katedra Taksonomii Roślin i Ochrony Przyrody -> Faculty of Biology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Julita Minasiewicz	
	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	4.0	16.0	50

Subject objectives

To familiarise the student with selected socio-environmental problems. To form responsible, pro-social and pro-ecological attitudes in students. To familiarise the student with the features of scientific communication and the training of its tools in the process of exchange of scientific knowledge between scientists and its dissemination to the society.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[BIOLMEDMU2_K07] is ready to formulate opinions on various aspects of professional activities	is sensitive to the social effects of changes in nature and is prepared to take a stand on current socio-natural issues and argue it.	[SK5] implementation of a problem task
[BIOLMEDMU2_U05] has the ability to give oral speeches in Polish or foreign language and to discuss issues concerning the chosen specialization	is able to take part in discussions and make adequate arguments in the context of selected social and natural environmental problems	[SU1] oral statement/conversation/ discussion
[BIOLMEDMU2_U01] can proficiently, but critically, use the scientific literature and databases necessary in the activities of medical biology and related disciplines	is able to write an essay on selected socio-natural problems in Polish using scientific literature and databases in a critical way	[SU3] text preparation/written work
[BIOLMEDMU2_W02] is oriented to the currently debated problems in medical biology and related disciplines	Recognises and understands contemporary socio-environmental issues	[SW1] oral statement/ conversation/discussion
[BIOLMEDMU2_K06] is ready to solve complex ethical problems related to the profession and to determine priorities for the implementation of specific tasks	jest wrażliwy na społeczne skutki zmian w przyrodzie i jest gotów do szukania rozwiązań.	[SK5] implementation of a problem task

<table>
<tr><td>Subject contents</td><td colspan="3">Identification of contemporary socio-natural problems (e.g. climate change, mass extinction of species, environmental pollution, food chemistry) and the role of the biologist in explaining their causes and consequences and seeking solutions. Improve scientific and popular science writing skills and oral presentation techniques. Exercise skills in leading and moderating scientific discussions. Introduction to the use of social media as information channels.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td colspan="3">Communication proficiency in English (reading articles, listening to simple messages in English with understanding)</td></tr>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td></td><td>51.0%</td><td>50.0%</td></tr><tr><td></td><td>51.0%</td><td>50.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">• Siuda, P., Wasylczyk P. (2018). Publikacje naukowe. Praktyczny poradnik dla studentów, doktorantów i nie tylko.Wydawnictwo Naukowe PWN
• Lennart, BA. (1997). Academic writing: a university writing course. Lund: Studentlitteratur.
• Kulczycki, E. (2012). Blogi i serwisy naukowe. Komunikacja naukowa w kulturze konwergencji. W: I. Sójkowska (red.). Materiały konferencyjne EBIB nr 22. Toruń: Stowarzyszenie EBIB
• Kędzierska, E. (2015). Wzmocnione publikacje: nowy model wsparcia komunikacji naukowej. Zagadnienia Informacji Naukowej-Studia Informacyjne, 53(1 (105)), 44-58.
• Lenar, P. (2008). Sekrety skutecznych prezentacji multimedialnych. Wydawnictwo Helion.
• Kolanowska M., Kras M., Lipińska M., Mystkowska K., Szlachetko D. L., Naczk A. M. 2017. Global warming not soharmful for all plants - response of holomycotrophic orchid species for the future climate change. Scientific ReportsVol. 7, art. no. 12704.
• Tomaszczyk Jacek. (2017). Terminologia w komunikacji naukowej. W: A. Pulikowski (red.), "Kultura książki i informacji. Księga jubileuszowa dedykowana Profesor Elżbiecie Gondek" (S. 383-393). Katowice: Wydawnictwo Uniwersytetu Śląskiego
• David Lindsay (1995) Dobre rady dla piszących teksty naukowe. Oficyna Wydawnicza Politechniki Warszawskiej</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">brak</td></tr>
<tr><td>eResources addresses</td><td colspan="2">Adresy na platformie eNauczanie:</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3"></td></tr>
<tr><td>Work placement</td><td colspan="3">Not applicable</td></tr>
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