



Subject card

Subject name and code	, PG_00072655						
Field of study	Design and Construction of Yachts, Naval Architecture and Offshore Structures						
Date of commencement of studies	October 2023		Academic year of realisation of subject		2026/2027		
Education level	first-cycle studies		Subject group				
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	4		Language of instruction		Polish		
Semester of study	7		ECTS credits		3.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Division of Structural Materials Technology and Welding -> Institute of Manufacturing and Materials Technology -> Faculty of Mechanical Engineering and Ship Technology -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Dariusz Fydrych				
	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		0.0		0.0	15
Subject objectives	The aim of the course is to understand and acquire skills in effective scientific communication, presentation of research results, and participation in academic discussion, taking into account the principles of research ethics, scientific integrity, author responsibility, and good practices in scientific work.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W71] has general knowledge in humanistic, social, economic or legal sciences, including their fundamentals and applications		The student is able to work in a group.		[SW1] Assessment of factual knowledge		
	[K6_K71] is able to explain the need to apply knowledge from humanistic, social, economic or legal sciences in order to function in a social environment		The student distinguishes and classifies the basic forms of scientific communication and typical ethical problems occurring in scientific activity.		[SK5] Assessment of ability to solve problems that arise in practice		
	[K6_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems		The student is able to solve problems in the field of scientific communication and research ethics.		[SU2] Assessment of ability to analyse information		
Subject contents	Course content – lecture Aims, functions and importance of scientific communication in the development of science and the dissemination of research results; basic forms of scientific communication, e.g. scientific articles and conference presentations; principles of preparing scientific texts, including the structure of a publication, formulation of the research aim, description of methodology, presentation of results and conclusions; selection of elements supporting scientific communication, e.g. title and keywords; principles of oral communication in science, including preparing a presentation and participating in academic discussion; written and electronic communication, e.g. correspondence with a journal editorial office and contact with co-authors; principles of scientific collaboration, division of tasks and responsibility of research team members; authorship and co-authorship of scientific publications, e.g. order of authors and role of the corresponding author; basic principles of research ethics, research integrity, research documentation and data reliability; violations of research ethics, e.g. plagiarism and falsification of results; ethical aspects of the publication and review process, including the principles of peer review, confidentiality of reviews and conflict of interest; good publication practices, e.g. journal selection and preparation of responses to reviewers; principles of responsible communication of research results to different audiences and counteracting misinformation; ethical use of digital tools, e.g. artificial intelligence and bibliographic databases.						

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	test	60.0%	100.0%
Recommended reading	Basic literature	<ol style="list-style-type: none">1. Komisja do spraw Etyki w Nauce PAN, Kodeks etyki pracownika naukowego, Polska Akademia Nauk, Warszawa, 2024.2. Komitet Etyki w Nauce przy Prezydium PAN, Dobre obyczaje w nauce. Zbiór zasad i wytycznych, wyd. III zmienione, Polska Akademia Nauk, Warszawa, 2001.3. Zespół do Spraw Dobrych Praktyk Akademickich, Rzetelność w badaniach naukowych oraz poszanowanie własności intelektualnej, Ministerstwo Nauki i Szkolnictwa Wyższego, Warszawa, 2012.4. European Association of Science Editors, EASE Guidelines for Authors and Translators of Scientific Articles to be Published in English, European Association of Science Editors, 2020.5. Stępień B., Zasady pisania tekstów naukowych. Prace doktorskie i artykuły, Wydawnictwo Naukowe PWN, Warszawa, 2016.	
	Supplementary literature	<ol style="list-style-type: none">1. ALLEA, The European Code of Conduct for Research Integrity. Revised Edition 2023, ALLEA All European Academies, Berlin, 2023. DOI: 10.26356/ECOC.2. Committee on Publication Ethics, COPE Guidance and Tools, Committee on Publication Ethics, dostęp online.3. Wiley, Best Practice Guidelines on Publishing Ethics, John Wiley & Sons, dostęp online.	
	eResources addresses		
	Example issues/ example questions/ tasks being completed	<ol style="list-style-type: none">1. List and describe the basic forms of scientific communication.2. List and describe the most important principles of research ethics and research integrity.3. List and describe the most common violations of ethics in scientific activity.	
Practical activities within the subject	Not applicable		

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