



Subject card

Subject name and code	Equality in Science, Education, and Research, PG_00070210						
Field of study	Równość w nauce, edukacji i badaniach						
Date of commencement of studies	October 2023		Academic year of realisation of subject			2025/2026	
Education level	first-cycle studies		Subject group			Optional subject group Subject group related to scientific research 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	6		ECTS credits			6.0	
Learning profile	general academic profile		Assessment form			assessment	
Conducting unit	Department of Statistics and Econometrics -> Faculty of Management and Economics -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Dagmara Nikulin				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	30.0	0.0	0.0	0.0	60
	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	60		10.0		80.0	150
Subject objectives	Preparing students to identify and analyse problems of inequality in science, education and research, on the basis of knowledge of social and cultural determinants and legal-institutional frameworks, and fostering attitudes of engagement and responsibility in designing solutions based on equality and diversity in the context of equality policies and the practices of academic institutions.						
Learning outcomes	Course outcome		Subject outcome			Method of verification	
	[K6_W04] Possesses advanced knowledge of the principles of creative and entrepreneurial action, including identifying and implementing innovative ideas while considering copyright protection requirements.		knows and understands the principles of creative and entrepreneurial action with respect for copyright, in the context of diagnosing manifestations of inequality and designing pro-equality solutions in academic and educational settings			[SW3] Ocena wiedzy zawartej w opracowaniu tekstowym i projektowym [SW2] Ocena wiedzy zawartej w prezentacji [SW1] Ocena wiedzy faktograficznej	
	[K6_K03] Critically evaluates their own knowledge necessary to solve cognitive and practical problems, supplementing gaps with input from external experts.		is ready to critically assess their own knowledge and to complement it with expert opinions, in particular through teamwork on a pro-equality project and reflection on biases and research ethics			[SK5] Ocena umiejętności rozwiązywania problemów występujących w praktyce [SK4] Ocena umiejętności komunikacji, w tym poprawności językowej [SK1] Ocena umiejętności pracy w grupie	

Subject contents	Course content – lecture Introduction to equality and diversity. Equality and social justice. Definitions and key concepts: equality, justice, inclusion, discrimination, prejudice, stereotypes.Diversity and social inequality. Discussion of different aspects of diversity: gender, race, ethnicity, age, disability, religion, socio-economic status. Equality and diversity in educationInequalities in access to education. Barriers and challenges facing different social groups. Stereotypes and prejudices in education. Creating an inclusive educational environment. Good practices and strategies.Diversity in academia. Equality and diversity in scientific research. The perspective of diversity in scientific research. Diversity in research methodology. Research ethics in the context of diversity. Equality and diversity in socio-economic life. Diversity in the labour market. Equality and diversity in politics and public life.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Tests	60.0%	40.0%
	Final project	60.0%	60.0%
Recommended reading	Basic literature	Balińska, B. (2007). Polityka równości płci: Polska 2007: raport. Polska: Fundacja "Fundusz Współpracy".	
	Supplementary literature	1. Donders, Y. (2023). The right to science: Another tool to repair gender inequalities in sciences and research. <i>Amsterdam Law School Research Paper No. 2023-37, Amsterdam Center for International Law No. 2023-14</i>. Forthcoming in: A. Broderick & J. Sellin (Eds.), <i>Socio-economic rights, inequalities and vulnerability in times of crises: Building back better</i>. Edward Elgar Publishing (2024). Dostępne na: https://ssrn.com/abstract=4642346 2. Drażkowski, H., Tyrowicz, J., & Zalas, S. (2024). Gender board diversity across Europe throughout four decades. <i>Scientific Data</i>, 11(1), 567. https://doi.org/10.1038/s41597-024-03181-8 3. El Boghdady, M. (2025). Equality and diversity in research: Building an inclusive future. <i>BMC Research Notes</i>, 18(1), 14. https://doi.org/10.1186/s13104-025-07096-4 4. Larivière, V., Ni, C., Gingras, Y., Cronin, B., & Sugimoto, C. R. (2013). Bibliometrics: Global gender disparities in science. <i>Nature</i>, 504(7479), 211213. https://doi.org/10.1038/504211a	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Explain the difference between the concepts of "equality" and "social justice". Present three good practices that help to create an inclusive learning environment. How can diversity be considered in research methodology? Provide an example.		
Practical activites within the subject	Not applicable		

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