



Subject card

Subject name and code	Equality in Science, Education, and Research, PG_00072161						
Field of study	Engineering Management						
Date of commencement of studies	October 2025	Academic year of realisation of subject			2026/2027		
Education level	first-cycle studies	Subject group			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	3	ECTS credits			2.0		
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	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	5.0		15.0	50	
Subject objectives	to develop the ability to identify and analyze social inequalities and to formulate research problems from the perspective of diversity. Participants will also gain practical skills in the implementation of equality policy in social life.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_K02] is prepared to make competent and ethical decisions to create and maintain economic, social, and environmental values, demonstrating entrepreneurial actions.	is ready to make competent and ethical decisions in the context of equality in science, education and research, in particular by participating in discussions, case studies and reflection on the consequences of decisions for various social groups.perspectives.			[SK1] Assessment of group work skills [SK2] Assessment of progress of work [SK3] Assessment of ability to organize work [SK4] Assessment of communication skills, including language correctness [SK5] Assessment of ability to solve problems that arise in practice		
	[K6_U03] collaborates with others in solving interdisciplinary problems.	is able to cooperate with others in solving interdisciplinary problems, using methods of analyzing problems related to equality in science, education and research, and proposing solutions that take into account different social perspectives.			[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task		

Subject contents	<p>Course content – exercises</p> <ol style="list-style-type: none"> <li>1. Introduction to equality and diversity</li> <li>2. Key concepts: equality, justice, inclusion, discrimination, stereotypes, and prejudice</li> <li>3. Dimensions of diversity and social inequalities</li> <li>4. Equality and diversity in education</li> <li>5. Equality and diversity in academia and research</li> <li>6. Equality and diversity in socio-economic life</li> <li>7. Assumptions, objectives, and structure of a gender equality plan</li> <li>8. Selection of an institution and analysis of its organisational context</li> <li>9. Identification of stakeholders</li> <li>10. Diagnosis of the current state of gender equality</li> <li>11. Analysis of data, documents, procedures, and institutional practices</li> <li>12. Identification of barriers and areas requiring intervention</li> <li>13. Setting priorities and objectives of the plan</li> <li>14. Designing actions, resources, and an implementation timeline</li> <li>15. Monitoring, evaluation, and presentation of the gender equality plan project</li> </ol>											
Prerequisites and co-requisites												
Assessment methods and criteria	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Subject passing criteria</th> <th style="width: 33%;">Passing threshold</th> <th style="width: 33%;">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td>Teamwork (project: report and presentation)</td> <td>60.0%</td> <td>60.0%</td> </tr> <tr> <td>Knowledge tests (closed and open-ended questions)</td> <td>60.0%</td> <td>40.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	Teamwork (project: report and presentation)	60.0%	60.0%	Knowledge tests (closed and open-ended questions)	60.0%	40.0%
	Subject passing criteria	Passing threshold	Percentage of the final grade									
	Teamwork (project: report and presentation)	60.0%	60.0%									
Knowledge tests (closed and open-ended questions)	60.0%	40.0%										
Teamwork (project: report and presentation)	60.0%	60.0%										
Knowledge tests (closed and open-ended questions)	60.0%	40.0%										
Recommended reading	<p>Basic literature</p> <p>Balińska, B. (2007). Polityka równości płci: Polska 2007: raport. Polska: Fundacja "Fundusz Współpracy".</p>											
	<p>Supplementary literature</p> <p>Donders, Y. (2023). The right to science: Another tool to repair gender inequalities in sciences and research. Amsterdam Law School Research Paper No. 2023-37, Amsterdam Center for International Law No. 2023-14. Forthcoming in: A. Broderick &amp; J. Sellin (Eds.), Socio-economic rights, inequalities and vulnerability in times of crises: Building back better. Edward Elgar Publishing (2024). Available at: <a href="https://ssrn.com/abstract=4642346">https://ssrn.com/abstract=4642346</a></p> <p>Drażkowski, H., Tyrowicz, J., &amp; Zalas, S. (2024). Gender board diversity across Europe throughout four decades. <i>Scientific Data</i>, 11(1), 567. <a href="https://doi.org/10.1038/s41597-024-03181-8">https://doi.org/10.1038/s41597-024-03181-8</a></p> <p>El Boghdady, M. (2025). Equality and diversity in research: Building an inclusive future. <i>BMC Research Notes</i>, 18(1), 14. <a href="https://doi.org/10.1186/s13104-025-07096-4">https://doi.org/10.1186/s13104-025-07096-4</a></p> <p>Larivière, V., Ni, C., Gingras, Y., Cronin, B., &amp; Sugimoto, C. R. (2013). Bibliometrics: Global gender disparities in science. <i>Nature</i>, 504(7479), 211213. <a href="https://doi.org/10.1038/504211a">https://doi.org/10.1038/504211a</a></p>											
	eResources addresses											
Example issues/ example questions/ tasks being completed	Preparation of an equality plan for the LPP company.											
Practical activities within the subject	Not applicable											

Document generated electronically. Does not require a seal or signature.