



## Subject card

Subject name and code	Economic environment, PG_00062769						
Field of study	Materials Engineering						
Date of commencement of studies	October 2023		Academic year of realisation of subject		2023/2024		
Education level	first-cycle studies		Subject group		Optional subject group Humanistic-social subject group		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	2		ECTS credits		1.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Institute Of Nanotechnology And Materials Engineering -> Faculty Of Applied Physics And Mathematics -> Wydział Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Marek Augustyniak				
	Teachers		dr inż. Marek Augustyniak				
			dr hab. inż. Łukasz Piszczyk				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	15.0	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		1.0		9.0	25
Subject objectives	The course is intended to make professional prospects of Materials Engineering more realistic in the eyes of students. The idea is to encourage participants to ask themselves basic questions about choosing a career path (academic or commercial) and to learn about the experiences of people who have chosen one of these paths, with particular emphasis on the specificity of work in engineering companies.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W09] Has general knowledge of humanities, social or economic sciences, covering their basics and applications.		The student has a general understanding of the humanities, social sciences or economics, including their foundations and practical applications.		[SW1] Assessment of factual knowledge		
	[K6_K01] Understands the need to improve professional and personal competencies; is conscious of own limitations and knows when to turn to experts, properly establishes priorities helping to accomplish tasks defined by oneself or others.		The person participating in the classes understands the essence of developing professional and personal competences. She is aware of her limitations and can assess when it is worth seeking help from experts. Additionally, she is able to properly set priorities that will help her in carrying out both her own and assigned tasks.		[SK5] Assessment of ability to solve problems that arise in practice		
	[K6_W10] Has base knowledge of management, including quality management and running a business.		The student has basic knowledge of management, including quality management and business operations.		[SW1] Assessment of factual knowledge		
	[K6_U12] Can apply the knowledge of humanities, social sciences or economics to problem solving.		The student is able to use knowledge from the areas of humanities, social sciences or economics to solve various problems.		[SU3] Assessment of ability to use knowledge gained from the subject		

Subject contents	The series of meetings with students is a combination of various ways of transmitting experiences, such as:  - transfer by the instructors of experiences and reflections taken from their own professional activity (academic and commercial)  - transfer of graduates' experiences, including: in the form of MP3 or MP4 recordings with people who have completed the field of Materials Engineering  - inviting people from the economic environment to a live meeting (at least online)  - if possible: organizing a visit to the selected company  - a simulation game in which students confront difficult (ethically, technically) situations taken from the real life of companies		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Activity	60.0%	100.0%
Recommended reading	Basic literature	not applicable	
	Supplementary literature	not applicable	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	@ Presentation "Alice on the other side of the diploma, or how to prepare for the profession of an engineer"@ Results of the survey "upsides and downsides of a scientist's life"@ Meeting with an engineer, a specialist in finite element modeling@ Simulation game - "Ethics in the company"@ Films from the series "Meeting with the Graduate"		
Work placement	Not applicable		

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