



Subject card

Subject name and code	Sustainable Innovation and Entrepreneurship, PG_00068761						
Field of study	Management						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2027/2028		
Education level	second-cycle studies	Subject group			Optional subject group Specialty subject group Subject group related to scientific research in the field of study		
Mode of study	Part-time studies	Mode of delivery			at the university		
Year of study	2	Language of instruction			Polish		
Semester of study	3	ECTS credits			4.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Entrepreneurship -> Faculty of Management and Economics -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor						
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	8.0	16.0	0.0	0.0	0.0	24
	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	24		5.0		71.0	100
Subject objectives	Creates innovative organization management processes using the concept of sustainable development						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_W06] knows and understands the principles of evaluating the reliability of utilized data, applying in-depth specialized knowledge in the field of economic analysis.	has in-depth knowledge of assessing the reliability of data used in innovation and entrepreneurship analyses			[SW3] Assessment of knowledge contained in written work and projects		
	[K7_U01] creates innovative solutions for complex and unstructured processes, considering unpredictable environmental conditions through the synthesis of information from various sources.	can develop innovative and sustainable solutions to complex entrepreneurial problems by synthesizing information from various sources and adapting to changing environmental conditions			[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools		

Subject contents	<p>Course content – lecture</p> <p>LECTURE</p> <p>Introduction to the course organization and requirements and the main topic</p> <p>Economic entrepreneurship theories in the light of current challenges</p> <p>Sustainable development and entrepreneurship: definitions, determinants, actors and processes</p> <p>A short debate between corporate social responsibility, sustainable development, and circular economy</p> <p>Types and characteristics of sustainable entrepreneurship and innovation</p> <p>Conditions for sustainable innovation: from administering a technical challenge to managing an entrepreneurial opportunity. Circular entrepreneurship ecosystems</p> <p>Sustainable innovation in high and low-tech-intensive sectors</p> <p>Open innovations and sustainability</p> <p>Social innovation and entrepreneurship as facilitators of the adoption of new industry practices</p> <p>Identifying and designing sustainable business models through sustainable value creation</p> <p>Ecopreneurship and ecopreneurs: limits, trends, and characteristics</p> <p>Green startups and their specific characteristics and challenges</p> <p>Sustainable entrepreneurship orientation (sustainable corporate entrepreneurship)</p> <p>Financing sustainable innovations and enterprises</p> <p>Summary</p> <p>TUTORIAL</p> <p>Creativity/innovation/entrepreneurship</p> <p>Recognizing a social and ecological problem</p> <p>Recognizing social and ecological opportunity</p> <p>Developing a triple-bottom-line solution</p> <p>Funding and forming a sustainable enterprise</p> <p>Creating or entering a sustainable market</p> <p>Business Model Canvas vs. Lean Canvas</p>								
Prerequisites and co-requisites									
Assessment methods and criteria	<table border="1"> <thead> <tr> <th data-bbox="451 763 794 801">Subject passing criteria</th> <th data-bbox="794 763 1139 801">Passing threshold</th> <th data-bbox="1139 763 1477 801">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 801 794 835">Tests in the semester</td> <td data-bbox="794 801 1139 835">60.0%</td> <td data-bbox="1139 801 1477 835">100.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	Tests in the semester	60.0%	100.0%
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Tests in the semester	60.0%	100.0%							
Recommended reading	Basic literature	<p>Wagner, M. (ed.). (2017). Entrepreneurship, Innovation and Sustainability. Routledge</p> <p>Aagaard, A. (ed.). (2019). Sustainable Business Models, Innovation, Implementation and Success. Palgrave Macmillan Cham</p>							
	Supplementary literature	<p>Bakry, D.S., Daim, T., Dabic, M., Yesilada, B. (2022). An evaluation of the effectiveness of innovation ecosystems in facilitating the adoption of sustainable entrepreneurship, Journal of Small Business Management, 1-27</p> <p>Han, Y., Niu, Q. (2023). Enhancing green radical product innovation through sustainable entrepreneurship orientation and sustainable market orientation for sustainable performance: managerial implications from sports goods manufacturing enterprises of China, Economic Research-Ekonomiska Istrazivanja, 1-20</p>							
	eResources addresses								
Example issues/ example questions/ tasks being completed	<p>Define the sustainable development challenges and describe entrepreneurs' role in achieving the Sustainable Development Goals (SDGs)</p> <p>What social and open innovations are? What is their place in today's economic reality?</p> <p>Describe some characteristics and challenges of green startups?</p> <p>What are the conditions for sustainable innovation? The role of the circular entrepreneurship ecosystems</p>								
Practical activities within the subject	Not applicable								

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