University of Gdańsk

Subject card

Subject name and code	Understanding, managing and financing innovation processes, PG_00178089		
Field of study	Economics, International Economic Relations		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2025/2026
Education level	Master’s studies	Subject group	Obligatory subject group in the field of study Optional subject group
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	English
Semester of study	3	ECTS credits	5.0
Learning profile	academic	Assessment form	credit
Conducting unit			
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Anna Golejewska	
	Teachers	dr hab. Anna Golejewska	

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	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	0.0	0.0	30

Subject objectives	The aim of the course is to provide students with theoretical knowledge and practical skills related to the identification, management, and financing of innovation processes within organizations. Students will acquire competencies that enable them to effectively implement innovations, assess their profitability, secure funding, and manage innovation-related risks in a dynamic business environment. The course will help students understand the importance of innovation as a key driver of business development and a tool for building competitive advantage.

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[MSGMU2_W04] has an in-depth knowledge of different types and elements of economic structures and institutions, including institutions, organisations and economic entities; understands the causes, course, scale and consequences of changes occurring in them, as well as relations between them on a national, international and intercultural scale; knows the theories explaining relations among them	The student has in-depth knowledge of innovation processes.	[SW2] presentation/project/paper/report
	[MSGMU2_K02] is ready to critically assess the level of acquired knowledge, skills and professional competence in the area of international economic relations	The student is ready to critically evaluate innovation processes.	[SK2] presentation/project/paper/report
	[EKONMU2_W02] has an in-depth knowledge of various types of existing economic entities and organisations as well as an extended knowledge of public institutions	The student has in-depth knowledge of innovative organizations.	[SW2] presentation/project/paper/report
	[EKONMU2_K02] is aware of the level of his/her knowledge in the field of economics; understands the need to extend and update this knowledge throughout his/her life	The student is aware of the level of their knowledge in the area of innovation.	[SK2] presentation/project/paper/report
	[EKONMU2_U08] can independently analyse economic and social phenomena and processes, and can perform a theoretically deepened assessment of such phenomena, using appropriately selected research method	The student is able to independently analyze innovations.	[SU2] presentation/project/paper/report
	[EKONMU2_K05] correctly identifies, diagnoses and solves dilemmas and alternative solutions related to the profession	The student correctly identifies innovation processes and their sources of financing.	[SK2] presentation/project/paper/report
	[MSGMU2_W01] has an in-depth and structured knowledge of economic sciences, in particular economics, its place in the system of sciences, its relations with other sciences and fields of knowledge	A student has advanced and well-structured knowledge in the field of innovation processes.	[SW2] presentation/project/paper/report
	[EKONMU2_W06] knows statistical and econometric methods and tools for description and macro- and microeconomic modelling of economic structures and public institutions and processes occurring in them	The student is familiar with statistical methods and tools for describing and modeling macroeconomic and microeconomic aspects related to innovation.	[SW2] presentation/project/paper/report
	[MSGMU2_U02] can observe, evaluate and critically analyse the causes and course of processes and phenomena taking place in the open economy; can formulate his/her own opinions on the subject, interpret statistical data and economic indicators necessary in this respect, and also forecast economic processes and phenomena using advanced methods and tools applied in economic sciences	The student is able to observe, evaluate, and critically analyze the causes and course of innovation processes.	[SU2] presentation/project/paper/report
	[MSGMU2_U03] can identify and analyse relations between business entities and institutions in their national and international environment	The student is able to identify and analyze the relationships between economic entities and institutions in the field of innovation.	[SU2] presentation/project/paper/report
	[EKONMU2_U13] can manage teamwork as well as interact and work in a team (including in an international environment) assuming a leading role in it	The student is able to collaborate in a project team.	[SU2] presentation/project/paper/report

	<table><tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr><tr><td>[MSGMU2_K05] is ready to initiate actions in the public interest, inspire and organise projects for the benefit of the environment and the international business community, in accordance with the idea of sustainable development and the resulting legal, economic, ecological, political and social requirements</td><td>The student is ready to initiate innovative actions for sustainable development.</td><td>[SK2] presentation/project/paper/ report</td></tr></table>
Subject contents	1.Definition and types of innovation. 2.Sources of innovation and models of innovation processes. 3.Innovation as a management process. 4.Diffusion of Innovation 5.Organisation characteristics facilitating innovation process (strategy, cooperation, acceptance of risks, space for creativity...). 6.Regional Innovation System, clusters and innovative milieu. 7.Financing innovative business towards commercialisation. 8.Funding to promote innovation and research activities.
Prerequisites and co-requisites	Students are expected to have basic knowledge of management, economics, or entrepreneurship.
Assessment methods and criteria	<table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td></td><td>51.0%</td><td>100.0%</td></tr></table>
Recommended reading	<table><tr><td>Basic literature</td><td>1. Fulford H., (ed.), Case Studies in Innovation for Researchers, Teachers and Students, Academic Publishing International, 2012. 2. Keeley L., Walters H., Pikkel R., Quinn B., Ten Types of Innovation: The Discipline of Building Breakthroughs, Doblin, 2013. 3. Jarunee Wonglimpiyarat, Technology Financing and Commercialization. Exploring the Challenges and How Nations Can Build Innovative Capacity, Palgrave Macmillan, 2014</td></tr><tr><td>Supplementary literature</td><td>1. Osterwalder A., Pigneur Y., Business Model Generation: A Handbook for Visionaries, Game Changers, and Challengers, Wiley and Sons, 2010. 2. Trott P., Innovation Management and New Product Development, 5th Edition, Financial Times Prentice Hall, Harlow, 2011.</td></tr><tr><td>eResources addresses</td><td></td></tr></table>
Example issues/ example questions/ tasks being completed	
Work placement	Not applicable

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