Subject card

Subject name and code	Understanding, managing and financing innovation processes, PG_00178089					
Field of study	Logistics and Mobility					
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026	
Education level	Master’s studies		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					
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	<table><tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr><tr><td>[LMMU2_W02] has an in-depth knowledge of various types of economic entities and organisations, which require logistics support or provide logistics services as well as an extended knowledge of public institutions</td><td>The student has in-depth knowledge of innovative enterprises.</td><td>[SW2] presentation/project/paper/ report</td></tr><tr><td>[LMMU2_U08] can independently analyse logistics and mobility processes and systems, and can perform a theoretically deepened assessment of such processes and systems, using appropriately selected research method</td><td>The student is able to independently analyze innovation processes and systems.</td><td>[SU2] presentation/project/paper/ report</td></tr><tr><td>[LMMU2_K02] is aware of the level of his/her knowledge in the field of logistics and mobility; understands the need to extend and update this knowledge throughout his/her life</td><td>The student is aware of the level of their knowledge in the field of innovation.</td><td>[SK2] presentation/project/paper/ report</td></tr><tr><td>[LMMU2_K05] correctly identifies, diagnoses and solves dilemmas and alternative solutions related to the profession</td><td>The student identifies, diagnoses, and resolves dilemmas related to the financing and management of innovation.</td><td>[SK2] presentation/project/paper/ report</td></tr><tr><td>[LMMU2_U13] can manage teamwork as well as interact and work in a team (including in an international environment) assuming a leading role in it</td><td>The student is able to lead and collaborate within project teams.</td><td>[SU2] presentation/project/paper/ report</td></tr><tr><td>[LMMU2_W06] knows statistical and econometric methods and tools for description and macro- and microeconomic modelling of logistics and mobility processes and systems</td><td>The student is able to apply statistical methods at both microeconomic and macroeconomic levels.</td><td>[SW2] 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

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