

Subject card

Subject name and code	Regional Innovation Systems: theory and practice, PG_00178088						
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 introduce students to the concept of Regional Innovation Systems (RIS), their structure, functioning, and importance for regional development and economic competitiveness. Students will explore the theoretical foundations of RIS as well as practical examples of implementing innovation policies at the regional level, with particular emphasis on the roles of institutions, enterprises, universities, and the business environment. The course develops the ability to analyze and assess the innovation potential of regions and to design effective strategies that support cooperation and knowledge transfer among stakeholders.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[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	The student has in-depth knowledge of Regional Innovation Systems.	[SW2] presentation/project/paper/report
	[LMMU2_K05] correctly identifies, diagnoses and solves dilemmas and alternative solutions related to the profession	The student correctly identifies, diagnoses, and resolves dilemmas related to Regional Innovation Systems.	[SK2] presentation/project/paper/report
	[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	The student is aware of their level of knowledge in the field of Regional Innovation Systems.	[SK2] presentation/project/paper/report
	[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	The student is able to independently analyze regional innovation processes.	[SU2] presentation/project/paper/report
	[LMMU2_W06] knows statistical and econometric methods and tools for description and macro- and microeconomic modelling of logistics and mobility processes and systems	The student knows statistical and econometric methods and tools for describing Regional Innovation Systems.	[SW2] presentation/project/paper/report
	[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	The student is able to lead a team and collaborate within project work.	[SU2] presentation/project/paper/report
Subject contents	Concept of a region, typologies Concept of innovation: definition, types and models, Diffusion of innovation: importance of proximity, Systems of innovation: national, sectoral, technological, ecosystems, Regional Innovation System: stakeholders, activities and functions, How proximities matter for cooperation in innovation projects? Metropolitan vs peripheral RIS, Typologies of RIS, Case studies: US, Europe, China, Analytical approaches in the study of RISs.		
Prerequisites and co-requisites	Students are expected to have a basic understanding of economics, regional development, or innovation management. Prior knowledge of public policy or entrepreneurship is also beneficial.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		51.0%	100.0%
Recommended reading	Basic literature	Asheim, B.T., Grillitsch M., & Trippl M. (2016): Regional innovation Systems: past-present future. Handbook on the Geographies of Innovation, 45-62. doi:10.4337/9781784710774.0001. Asheim B.T., Isaksen A. & Trippl M (2019): The Role of the Regional Innovation System Approach in Contemporary Regional Policy: Is it still relevant in a Globalised World?, 12, PEGIS. Deloitte University Press (2016): How to innovate the Silicon Valley way. Tapping into the Silicon Valley innovation ecosystem.	
	Supplementary literature	Keeley L., Walters H., Pikke I.R. & Quinn B (2013): Ten Types of Innovation: The Discipline of Building Breakthroughs, Doblin, ISBN: 978-1-118-50424-6. Leydesdorff L. & Cuccol. (2019): Regions, Innovation Systems, and the North-South Divide in Italy. El profesional de la información, 28(2), e280214. DOI:10.3145/epi.2019.mar.14	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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