

Subject card

Subject name and code	Regional Innovation Systems: theory and practice, PG_00178088						
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 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
	[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 demonstrates the ability to independently analyze Regional Innovation Systems.	[SU2] 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 assess the extent of their knowledge regarding Regional Innovation Systems.	[SK2] presentation/project/paper/report
	[MSGMU2_U03] can identify and analyse relations between business entities and institutions in their national and international environment	The student demonstrates the ability to identify and analyze the interconnections between innovative economic entities and relevant institutions.	[SU2] 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 demonstrates the ability to observe, assess, and critically analyze Regional Innovation Systems.	[SU2] 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 possesses knowledge of statistical methods used in the analysis of Regional Innovation Systems.	[SW2] 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	The student demonstrates advanced and systematic knowledge of Regional Innovation Systems.	[SW2] presentation/project/paper/report
	[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	The student is ready to undertake initiatives in the public interest, motivate stakeholders, and coordinate projects aimed at improving the environment and business surroundings at the regional level.	[SK2] 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 demonstrates the ability to lead a team and to cooperate effectively in a project team.	[SU2] presentation/project/paper/report
	[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 demonstrates advanced knowledge of Regional Innovation Systems.	[SW2] 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 demonstrates advanced knowledge of different types of innovation.	[SW2] presentation/project/paper/report

	Course outcome	Subject outcome	Method of verification
	[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 demonstrates awareness of the extent of their knowledge in the area of Regional Innovation Systems.	[SK2] presentation/project/paper/report
	[EKONMU2_K05] correctly identifies, diagnoses and solves dilemmas and alternative solutions related to the profession	The student is able to accurately identify and diagnose Regional Innovation Systems.	[SK2] 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., & Trippel 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. & Trippel 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, Dublin, 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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