

Subject card

Subject name and code	Regional Innovation Systems: theory and practice, PG_00202454						
Field of study	Economics, International Economic Relations, International Business, Logistics and Mobility						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
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						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	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		95.0	125
Subject objectives	The aim of the course is to familiarise students with the concept of Regional Innovation Systems (RIS), their structure, functioning, and importance for regional development and the competitiveness of economies. Students will learn the theoretical foundations of RIS, as well as practical examples of implementing innovation policies at the regional level, taking into account the role of institutions, enterprises, universities, and the business environment.The course develops the ability to analyse and assess the innovation potential of regions and to design effective strategies supporting cooperation and knowledge transfer between different entities.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[EKONL3_U13] be able to interact and work in a group (including an international one), assuming various roles within it	The student is able to cooperate and work in a group researching Regional Innovation Systems (RIS).	[SU2] presentation/project/paper/report
	[EKONMU2_U15] can independently expand and improve acquired knowledge and skills in economics; is open to new ideas and techniques; tends to learn using any accessible method and to interact with other participants of the learning process	The student is able to independently supplement and improve their acquired economic knowledge and skills in the field of RIS analysis.	[SU2] presentation/project/paper/report
	[IBMU2_U01] can creatively interpret, explain and analyse complex economic phenomena and the relations occurring between them, using the acquired knowledge in international business and international economic and financial relations	The student is able to creatively interpret, explain, and analyse complex economic phenomena and the relationships between them within Regional Innovation Systems (RIS).	[SU2] 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 has in-depth and well-structured knowledge of Regional Innovation Systems (RIS).	[SW2] presentation/project/paper/report
	[IBL3_U01] can interpret and explain economic phenomena, analyse their causes, course and connections within these phenomena using the acquired knowledge of international business, economics and finance and complementary disciplines	The student is able to interpret and explain economic phenomena, analyse their causes, course, and interrelations within Regional Innovation Systems (RIS).	[SU2] presentation/project/paper/report
	[IBL3_K02] is ready to critically assess own knowledge in the field of international business, economics and finance and complementary disciplines	The student is ready to critically assess their own knowledge of Regional Innovation Systems (RIS).	[SK2] presentation/project/paper/report
	[EKONL3_K05] correctly identifies, diagnoses and resolves professional dilemmas and different options for solutions	The student correctly identifies, diagnoses, and resolves dilemmas and different solution options related to Regional Innovation Systems (RIS).	[SK2] presentation/project/paper/report
	[IBMU2_W08] knows in depth selected areas of the functioning of a modern enterprise in the international environment; understands the conditions, principles and consequences of decisions taken in modern enterprise's structures dealing on the international market	The student knows selected areas of the functioning of Regional Innovation Systems (RIS).	[SW2] presentation/project/paper/report
	[MSGL3_U02] can assess economic and social phenomena occurring in an open economy, interpret necessary statistical data and economic indicators, as well as forecast economic phenomena and processes, using standard methods and tools applied in economic sciences	The student is able to forecast economic phenomena and processes in Regional Innovation Systems (RIS) using standard methods and tools applied in economic sciences.	[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 is able to observe, evaluate, and critically analyse the causes and course of processes and phenomena occurring within Regional Innovation Systems (RIS).	[SU2] presentation/project/paper/report
	[MSGL3_K02] critically assesses the level of his/her knowledge in the field of economics; is willing to deepen and update this knowledge throughout his/her life	The student critically assesses the level of their knowledge in the field of Regional Innovation Systems (RIS).	[SK2] presentation/project/paper/report

	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 is able to independently analyse economic and social phenomena and processes within Regional Innovation Systems (RIS).	[SU2] presentation/project/paper/report
Subject contents	The concept of a region: typologies; the concept of innovation: definitions, types, and models; diffusion of innovation: the importance of proximity; innovation systems: national, sectoral, technological systems, and ecosystems; Regional Innovation Systems: stakeholders, activities, and functions; how proximity affects cooperation in innovation projects; metropolitan vs peripheral Regional Innovation Systems; typologies of Regional Innovation Systems (RIS); case studies: the USA, Europe, China; analytical approaches in research on Regional Innovation Systems.		
Prerequisites and co-requisites	Students are expected to have basic knowledge of issues related to economics, regional development, or innovation management. Prior knowledge of public policy or entrepreneurship will also be useful.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	project	51.0%	100.0%
Recommended reading	Basic literature	Asheim,B.T.,Grillitsch M.,&Trippi M.(2016): Regional innovation Systems:past-present future.Handbook on the Geographies of Innovation,45-62.doi:10.4337/9781784710774.0001. Asheim B.T., IsaksenA.&Trippi 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 IR.&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 DivideinItaly. 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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