

Subject card

Subject name and code	Regional Innovation Systems: theory and practice, PG_00178088						
Field of study	Economics, International Economic Relations, International Business						
Date of commencement of studies	October 2023		Academic year of realisation of subject		2025/2026		
Education level	Bachelor'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	3		Language of instruction		English		
Semester of study	5		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
	[MSG3_K05] correctly identifies, diagnoses and solves dilemmas and various options of solutions related to the profession	The student correctly identifies, diagnoses, and resolves dilemmas in Regional Innovation Systems.	[SK2] presentation/project/paper/report
	[MSG3_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 area of Regional Innovation Systems.	[SK2] presentation/project/paper/report
	[MSG3_U03] can identify and analyse relations between economic entities and public institutions in the national and international environment; using the acquired theoretical knowledge can critically evaluate these relations and indicate directions for their further development or changes	The student is able to identify and analyze the relationships between economic entities and public institutions within Regional Innovation Systems.	[SU2] presentation/project/paper/report
	[MSG3_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 evaluate economic and social phenomena occurring within Regional Innovation Systems.	[SU2] presentation/project/paper/report
	[MSG3_W01] has an advanced knowledge of economic sciences, in particular of economics and its place in the system of sciences, including within related disciplines	The student has advanced knowledge in the field of Regional Innovation Systems.	[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, analyze their causes, course, and interrelations within Regional Innovation Systems.	[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 for a critical assessment of their own knowledge in the field of Regional Innovation Systems.	[SK2] presentation/project/paper/report
	[IBL3_K01] is ready to recognise the importance of knowledge in the field of international business in identifying and solving business theoretical and practical issues; is ready to consult with experts in case of facing difficulties in solving business issues individually	The student is ready to acknowledge the importance of knowledge in the field of Regional Innovation Systems.	[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 of Regional Innovation Systems.	[SK2] presentation/project/paper/report
	[IBL3_U09] is able to work individually and within teams, also of interdisciplinary character; can plan and organize own tasks and the works of teams	The student is able to work individually and in teams, including interdisciplinary ones.	[SU2] presentation/project/paper/report
	[IBL3_W08] knows and understands principles of economic decision making by individuals acting within social and business structures	The student knows and understands the principles of economic decision-making by entities operating within Regional Innovation Systems.	[SW2] presentation/project/paper/report
	[EKONL3_W06] have an advanced knowledge of selected methods and tools, including statistical and econometric techniques, for describing economic agents and structures as well as social institutions and the processes taking place in them	The student has advanced knowledge of selected methods and tools, including statistical techniques used in the analysis of Regional Innovation Systems.	[SW2] presentation/project/paper/report

	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 collaborate and work in a project team.	[SU2] presentation/project/paper/report
	[EKONL3_W02] has advanced knowledge of the different types of existing business entities and organisations and public institutions	The student has advanced knowledge of Regional Innovation Systems.	[SW2] presentation/project/paper/report
	[IBL3_W09] knows and understands the basic economic, legal and other conditions of various activities related to the given qualification	The student knows and understands the basic economic principles in Regional Innovation Systems.	[SW2] presentation/project/paper/report
	[EKONL3_K02] is aware of the level of knowledge in the field of economics and understands the need to deepen and update this knowledge throughout life	The student is aware of the level of their knowledge in the area of Regional Innovation Systems.	[SK2] presentation/project/paper/report
	[MSGL3_W04] has an advanced knowledge of different types and essential elements of the structures of economic entities and organisations, and public institutions	The student has advanced knowledge of various types of innovation.	[SW2] presentation/project/paper/report
	[EKONL3_U08] has the ability to observe, understand and analyse economic and social phenomena and processes using appropriate scientific methods	The student possesses the ability to observe, understand, and analyze Regional Innovation Systems.	[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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