University of Gdańsk

Subject card

Subject name and code	Innovative Regions and Clusters, PG_00199069						
Field of study	Economics						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2028/2029		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	3		Language of instruction		Polish		
Semester of study	6		ECTS credits		2.0		
Learning profile	academic		Assessment form		exam		
Conducting unit	Faculty of Economics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Anna Golejewska, prof. UG				
	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		20.0	50
Subject objectives	The purpose of the course is to understand the innovation processes taking place in the region, the role of clusters, institutions and business cooperation. Excel and Statistica will be used in the comparative analysis of innovation systems.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[EKONL3_W02] has an advanced knowledge of the different types of existing business entities and organisations and public institutions	student has advanced knowledge of the different types of business entities and organizations and public institutions involved in innovation processes in the regions	[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	student is aware of the level of his knowledge in the field of innovation economics and new regionalism, understands the need to deepen and update this knowledge throughout life	[SK1] oral statement/conversation/ discussion
[EKONL3_W04] knows the types of economic and social ties and the regularities governing them	student knows the types of economic and social ties and the governing regularities at the regional level	[SW2] presentation/project/paper/ report
[EKONL3_W01] has advanced knowledge of the nature of social sciences, their place in the system of sciences, knows the role of economic sciences in this system and uses universal economic terminology	student has advanced knowledge of innovative regions and clusters, their place in the system of sciences and uses appropriate terminology	[SW5] implementation of a problem task
[EKONL3_W03] knows the relations between economic agents and social organisations operating in the national, international and intercultural arenas	student has advanced knowledge of the relations between economic entities and public institutions operating in the regions	[SW2] presentation/project/paper/ report
[EKONL3_W08] has an advanced knowledge of the processes of changing elements, enterprises and whole structures of economic organisations, as well as the processes of changing social institutions, knows what their causes, course, scale, consequences are and what the influence of external stakeholders is on them	student has knowledge of the processes of change of elements, enterprises and whole structures of economic organizations	[SW2] presentation/project/paper/ report
[EKONL3_W09] has an advanced knowledge of the evolution of theories describing economic entities and organisations as well as public institutions, and has an advanced knowledge of functional links within them	student has advanced knowledge of the evolution of theories describing regional and national economic entities and organizations, as well as public institutions, knows the functional ties that exist in them	[SW1] oral statement/ conversation/discussion
[EKONL3_U01] can correctly interpret economic and social phenomena and apply knowledge of economics, finance and management sciences to explain economic phenomena	student is able to correctly interpret economic and social phenomena and apply knowledge of innovation economics and new regionalism	[SU1] oral statement/conversation/ discussion
[EKONL3_U06] uses the knowledge acquired in economics, finance and management to solve economic and social dilemmas arising in the professional context	student uses his knowledge of the economics of innovation and new regionalism in his professional work	[SU6] demonstration of practical skills
[EKONL3_K01] recognises the importance of economic knowledge in identifying and solving economic problems and of consulting experts when difficulties in solving them independently	student recognizes the importance of knowledge in the field of innovation economics and new regionalism in the process of identifying and solving problems and consulting experts in case of difficulties in solving them independently	[SK1] oral statement/conversation/ discussion

<table>
<tr><td>Subject contents</td><td>1. The concept of innovation in EU regional policy.

2. Measures and models of innovation.

3. Regional statistics.

4. Determinants of enterprise innovation.

5. Clusters and cluster policy in Poland.

6. Regional innovation system (objectives, models and practice).

7. Regional innovation strategies.

8. Sources of financial support for research and development and innovation activities in the region.

9. Regional smart specializations.

10. Comparative analysis of Regional Innovation Systems in Europe using Excel and Statistica (databases, factor analysis, multiple regressions, composite indicators).

Doubts arising during the process of solving the problem task or interpretative issues related to the identification of the appropriate measures will also be addressed during consultations.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>task/project</td><td>51.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td>Recommended reading</td><td><table><tr><td>Basic literature</td><td>1. Fernandes C., Farinha L., Ferreira J.J., Asheim B. & Rutten R. (2020): Regional innovation systems: what can we learn from 25 years of scientific achievements?, Regional Studies, DOI: 10.1080/00343404.2020.1782878.
2. 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.
3. Pino R.M. & Ortega A.M. (2018): Regional innovation systems: Systematic literature review and recommendations for future research, Cogent Business & Management,5:1,DOI: 10.1080/23311975.2018.1463606.</td></tr><tr><td>Supplementary literature</td><td>1. 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.
2. Golejewska A. (2019): Regionalne Systemy Innowacji w Polsce. Funkcjonowanie, efektywność i perspektywy rozwoju. Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk.</td></tr><tr><td>eResources addresses</td><td></td></tr></table></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td></td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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