University of Gdańsk

Subject card

Subject name and code	Regional Field Classes II Uplands and Mountains IIb, PG_00204485		
Field of study	Geography		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2027/2028
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	2	Language of instruction	Polish
Semester of study	4	ECTS credits	4.0
Learning profile	academic	Assessment form	credit
Conducting unit			
Name and surname of lecturer (lecturers)	Subject supervisor	dr Kamil Nowiński	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	42.0	0.0	0.0	0.0	42

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	42	4.0	54.0	100

Subject objectives

Getting acquainted with the characteristic features of the natural environment of the areas of the mountains and highlands of southern and south-eastern Poland (plant-climate stratification, comparative analysis of regions, etc.).

Learning about the geological past and the evolution of the relief of old or young mountains.

Learning about the socio-economic processes shaping the regions of southern and south-eastern Poland.

Understanding the role of historical events in shaping social and economic relations in cross-border areas.

Explaining the interdependence of natural, historical, social and economic factors for development

Learning outcomes

Course outcome	Subject outcome	Method of verification
[GEOGRL3-U05] can use scientific language and express opinions and discuss topics related to geography in Polish and a foreign language	Is able to use geographical terminology and present and discuss geographical issues.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report [SU4] test/exam - oral or written
[GEOGRL3-U03] can plan and conduct, independently and as part of a team, simple research in the field of geography under the supervision of a scientific advisor, based on the necessary information from professional literature and other sources	Is able to plan and carry out a basic research task in geography, independently and as part of a team, based on scientific literature and other sources.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report

Subject contents

1. History of the development of the Carpathians as a geological unit. Glacial and periglacial landforms. Slope processes. Mineral and rock resources and their use. Karst phenomena and forms in mountain and highland areas. Characteristics of the soil cover in southern and south-eastern Poland.
2. Climate and vegetation zones in the Polish mountains. Key features of the climate in mountainous and highland areas. The influence of relief and exposure on climatic conditions. Local air flow systems. Bioclimatic diversity.
3. Precipitation and surface runoff in the Carpathians. Groundwater outflows. Characteristic features of the hydrographic network of southern and south-eastern Poland. River gorges and their origin. Longitudinal profile and gradient of mountain rivers (thresholds, waterfalls, erosion basins). Natural and anthropogenic determinants of flooding in mountain and highland areas. Hydrotechnical structures (dam reservoirs and their functions, debris flow barriers). Mineral and medicinal waters.
4. Nature conservation: national and landscape parks in southern and south-eastern Poland.
5. Settlement network and demographic changes. Migration processes and their political, economic and social determinants. Agri-food economy in southern and south-eastern Poland.
6. Major industrial centres of southern and south-eastern Poland with a detailed discussion of the economic specificity of the region.
7. Tourist development of mountain ranges and highlands. Natural and anthropogenic conditions for tourism development. Degradation of the natural environment: conflicts between tourism and the need for nature conservation (anthropocentrism and ecocentrism).
8. Cultural heritage of southern and south-eastern Poland. Cross-border cooperation.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Active participation in field exercises	100.0%	30.0%
Test	51.0%	20.0%
Preparation and presentation of the poster (accuracy and completeness of the information provided, clarity and fluency of expression, graphic quality of the presentation)	51.0%	50.0%

Recommended reading

Basic literature	Kondracki J., 2002, Geografia Polski. Mezoregiony fizycznogeograficzne. PWN, Warszawa, 340 s. Detailed bibliography indicated individually by the instructors (as appropriate to the subject matter being pursued).
Supplementary literature	Czochański J.T., Borowiak D. (red.), 2000, Z badań geograficznych w Tatrach Polskich, Wydaw. UG, Gdańsk, 362 s
eResources addresses	

Example issues/ example questions/ tasks being completed

Work placement

Not applicable

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