University of Gdańsk

Subject card

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| Subject name and code | Regional Field Classes II Uplands and Mountains IIa, PG_00204484 | | |
| Field of study | Geography | | |
| Date of commencement of studies | October 2027 | Academic year of realisation of subject | 2028/2029 |
| Education level | Bachelor's studies | Subject group | Obligatory subject group in the field of study<br>Optional subject group<br>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 | Division of Regional Development -> Institute of Socio-Economic Geography and Spatial Management -> Faculty of Social Sciences -> Rector | | |
| 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-western 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.

To learn about the socio-economic processes shaping the regions of southern and south-western 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-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<br>[SU2] presentation/project/paper/ report |
| [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<br>[SU2] presentation/project/paper/ report<br>[SU4] test/exam - oral or written |

## Subject contents

1. History of the development of the Sudetes as a geological unit. Glacial and periglacial sculpture. Slope processes. Mineral and rock resources and their use. Karst phenomena and forms in the belt of mountains and highlands. Characteristics of the soil cover of the area of southern Poland.

2. Climatic and vegetation floors in the area of the Polish mountains. Guiding features of the climate of mountain and highland areas. Influence of relief and exposure on climatic conditions. Local air flow systems. Bioclimatic differentiation.

3. Precipitation vs. surface runoff in the Sudetes. Groundwater outflows. Characteristic ce-characteristics of the hydrographic network of southern Poland. River gorges and their genesis. Longitudinal profile and gradient of mountain rivers (thresholds, waterfalls, evaporative basins). Natural and anthropogenic determinants of flooding in the mountain and highland belt. Hydro-engineered structures (dam reservoirs and their functions, debris dams). Mineral and medicinal waters.

4. Nature protection: national and landscape parks of southern Poland.

5. Settlement network and demographic transformations. Migration processes and their political, economic and social conditions. Agricultural and food economy in the area of southern Poland.

6. The main industrial centers of southern Poland with a detailed discussion of the economic specifics of the region.

7. Tourist development of the mountain and highland belt. Natural and anthropogenic determinants of tourism development. Degradation of the natural environment: conflicts between tourism and the need to protect nature (anthropocentrism and ecocentrism).

8. Cultural heritage of southern 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% |
| Preparation and presentation of the poster (factual correctness and completeness of the information provided, clarity and fluency of the speech, graphic quality of the presentation) | 51.0% | 50.0% |
| Test | 51.0% | 20.0% |

## Recommended reading

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| Basic literature | Kondracki J., 2002, Geografia Polski. Mezoregiony fizycznogeograficzne. PWN, Warszawa, 340 s.<br><br>Detailed bibliography indicated individually by the instructors (as appropriate to the subject matter being pursued). |
| Supplementary literature | Czarnecka B., Janiec B. (red.), 2003, Sudety. Przewodnik dydaktyczny dla przyrodników, Wydaw. UMCS, Lublin, 313 s. |

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| | eResources addresses | |
| Example issues/ example questions/ tasks being completed | | |
| Work placement | Not applicable | |

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