University of Gdańsk

Subject card

Subject name and code	The Climatic Determinants of Tourism, PG_00183852		
Field of study	Sightseeing and Historical Tourism		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2026/2027
Education level	Master's studies	Subject group	Obligatory subject group in the field of study
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish
Semester of study	1	ECTS credits	2.0
Learning profile	academic	Assessment form	credit
Conducting unit	Climate Research Laboratory -> Department of Physical Oceanography and Climate Research -> Faculty of Oceanography and Geography -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Małgorzata Owczarek	
	Teachers	dr Małgorzata Owczarek	

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	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	15	2.0	33.0	50

Subject objectives	acquire knowledge about the features of climate formation on a regional and local scale, getting acquainted with the issue of the impact of weather and climate on the human body, getting acquainted with the climate features of selected regions in Poland and around the world, indicating the climatic conditions for the development of selected forms of tourism in selected regions of Poland and the world

Learning outcomes

Course outcome	Subject outcome	Method of verification
[KiTHMU2_U05] Correctly uses professional terminology in speech and writing appropriate to the disciplines of history, management and quality sciences.	Is able to use selected basic concepts correctly in speech and writing scope of meteorology and climatology, is able to independently search for information in the field of meteorology and climatology using various sources, is able to speak in the discussion on contemporary problems related to meteorological threats, air quality and climate change, using the correct terminology	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written
[KiTHMU2_K03] Is ready to initiate and carry out activities for the protection and promotion of natural values and cultural heritage of the region, Poland and Europe	Based on the acquired knowledge and skills, is ready to initiate and conduct activities to protect and promote the natural values of the region, Poland and Europe	[SK1] oral statement/conversation/ discussion [SK4] test/exam - oral or written
[KiTHMU2_W08] Knows and understands the economic, legal, ethical and other determinants of various types of professional activities related to sightseeing and historical tourism	Knows and understands selected legal and ethical aspects of climatic conditions of various types of professional activities related to sightseeing and tourism (such as standards of medicinal properties of the climate, classifications of meteorological threats	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
[KiTHMU2_W07] Has an in-depth knowledge of the various threats to cultural and natural heritage, understands the importance of sustainable tourism and pro-ecological forms of tourism development for the protection of cultural heritage and the natural environment	Knows and understands in detail the meteorological threats and threats related to climate change for cultural and natural heritage, understands the importance of meteorological factors for the development of tourism and pro-ecological forms of tourism development	[SW4] test/exam - oral or written

Subject contents

- Factors shaping and modifying the climate
- Climate features of coastal, mountain and urban areas in various climatic zones
- The influence of meteorological elements and climate on the humans
- Basic methods for assessing biometeorological and bioclimatic conditions
- Climate assessment indicators for tourism
- Bioclimatic regionalization of Poland
- Climate features of selected regions
- Threats related to climate change
- Extreme meteorological phenomena and their economic and social effects

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
end-term test	51.0%	100.0%

Recommended reading

Basic literature	Błażejczyk K., Kunert, A. Bioclimatic conditions of recreation and tourism in Poland, Warsaw, 2011 Martyn D., Earth's climates,, Warsaw1995
Supplementary literature	Kożuchowski K. (eds.), Meteorology and climatology, Warsaw 2012 Mieczkowskai Z., The Tourism Climatic Index: a method of evaluating world climates for tourism, Canadian Geographies,1985, 29, 3 Błażejczyk K (eds.) Urban Heat Island in Warsaw, Warsaw, 2014
eResources addresses	

Example issues/ example questions/ tasks being completed

- list examples of factors shaping the climate of urban areas
- list the types of annual distribution of tourist suitability according to the TCI index
- based on the given UTCI index values, recommend a place of rest to the indicated group of people
- list the meteorological threats to which a tourist may be exposed in high mountain climate conditions

Work placement	Not applicable

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