

Level: bachelor				
Course title: Climatology with the basis of meteorology				
Status: elective				
ECTS: 7				
Requirements: none				
Learning objectives To obtain knowledge in climatology and meteorology. Climatology and hydrology are the sciences with essential importance in prevention of the negative impact of global climate change in modern times.				
Learning outcomes Knowledge about atmospheric layers of the Earth, processes in the atmosphere and anthropogenic impact on atmosphere of the Earth.				
Syllabus <i>Theoretical classes</i> Introduction to climatology elements; introduction to forming the weather processes classification of climates; climate changes in geological time and Holocene impact of climate elements, weather and climate on human organism; introduction to coastal and mountain climate, urban climate and cryptoclimate; analysis of anthropogenic impact on weather and climate. <i>Practical classes</i> Introduction to meteorological instruments; visit to the local meteorological station; introduction to meteorological data in real time through the Internet; introduction to new information related to climate change through the Internet and documentary movies.				
Weekly teaching load:				Other: -
Lectures: 3	Exercises: 2	Other forms of teaching: -	Student research: -	