

<b>Level:</b> bachelor				
<b>Course title:</b> Climatology with the basis of meteorology				
<b>Status:</b> obligatory				
<b>ECTS:</b> 7				
<b>Requirements:</b> none				
<b>Learning objectives</b> Mastering the knowledge in climatology and meteorology. Climatology and hydrology are the sciences with essential importance in prevention of negative impact of global climate change in modern times.				
<b>Learning outcomes</b> Knowledge about atmospheric layers of the Earth, processes in the atmosphere and anthropogenic impact on atmosphere of the Earth.				
<b>Syllabus</b> <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.				
<b>Weekly teaching load:</b>				Other: -
Lectures: 3	Exercises: 2	Other forms of teaching: -	Student research: -	