

Level: bachelor				
Course title: Global Climate Change				
Status: elective				
ECTS: 6				
Requirements: None				
Learning objectives Obtaining knowledge about the current climate changes on the Planet, oscillations of the meteorological processes, natural and anthropogenic factors as contribution to climate changes and consequences on society and eco system of the Planet.				
Learning outcomes Learning about global climate changes, climatology methods for analyzing data in the period of instrumental measurements, prediction of climate change in the future, steps for mitigation consequences for society and environment. Furthermore, students will get knowledge for further education in geography science at master and PhD studies.				
Syllabus <i>Theoretical instruction</i> Introduction to the climate change terms; Factors related to impacts of climate change; Climate changes in the period of instrumental measurements until present; Possible scenarios of climate changes in the 21st century; Consequences of climate changes; Activities done by the society in order to mitigate the consequences of climate changes. <i>Practical instruction</i> Creation of the database and analysis of the data collected at meteorological stations or in the fieldwork.				
Weekly teaching load				Other:
Lectures: 2	Exercises: 2	Other forms of teaching:	Student research:	