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| Level: bachelor | | | | |
| Course title: Global Climate Change | | | | |
| Status: elective | | | | |
| ECTS: 6 | | | | |
| Requirements: none | | | | |
| Learning objectives To get knowledge about current climate changes on the Planet, oscillations of the meteorological processes, knowledge about 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 climate change terminology; factors related to impacts on climate changes; climate changes in the period of instrumental measurements until today; possibility scenarios of climate changes in the 21st century; consequences of climate changes; activities by the human society in order to mitigate the consequences of climate changes. <i>Practical instruction</i> Creating the database and analysis of the data measured at meteorological stations or on the field work. | | | | |
| Weekly teaching load | | | | Other: |
| Lectures: 2 | Exercises: 2 | Other forms of teaching: | Student research: | |