

Study program: GEOGRAPHY			
Type and level of studies: Bachelor studies			
Course name: CLIMATOLOGY WITH METEOROLOGY			
Lecturer: Radomir Ivanović			
Status: Compulsory subject			
ECTS: 7			
Attendance prerequisites:			
Course aims Introduction to meteorological processes on Earth, Analysis of climatic factors, Climate classification and climate fluctuations, Urban climatology.			
Course Outcome			
Course Content			
<i>Theoretical part</i>			
Atmosphere- boundaries and composition, Vertical structure of the atmosphere, Development of atmospheric studies, Radiation- the energy balance of the Earth, Air temperature, Air pressure, Winds, Evaporation and humidity, Clouds and cloudiness, Precipitation and snowfall, Atmospheric disturbances, Climate and climatology, Climate factors, Macro-, meso- and microclimate, Climate classification, Climate of Serbia.			
<i>Practical classes</i>			
Introduction to meteorological observations, Recording of atmospheric phenomena, Databases in climatology - meteorological yearbooks, Data reliability check in climatology, Interpolation of missing data in climatology, Extrapolation of observation series in climatology, Determining the influence of solar altitude on Earth's warming, Schematic diagram of Earth's temperature balance.			
Literature			
Дукић, Д. (1998): <i>Климатологија</i> , Географски факултет, Београд.			
Дуцић, В., Анђелковић, Г. (2005): <i>Климатологија - практикум за географе</i> , Географски факултет, Београд			
Дуцић, В., Радовановић, М. (2005): <i>Клима Србије</i> , Завод за уџбенике и наставна средства, Београд			
Number of active classes	Theoretical classes: 2	Practical classes: 2	
Teaching methods lectures, exercises, consultations, term tests, term papers.			
Assessment (maximum 100 points)			
Course assignments	Points	Final exam	Points
activity during lectures	5	written exam	
practical classes		oral exam	45
term test(s)	40	
term paper (s)	10		
Knowledge assessment: written and oral exam, presenting projects, term papers, workbooks, fieldwork, etc.			