

<b>Study Programme :</b> BSc in Ecology			
<b>Degree level:</b> Bachelor degree			
<b>Course Title:</b> Climatology and Pedology			
<b>Professor:</b> Stevan M. Savić			
<b>Required/Elective Course:</b> Required			
<b>Number of ECTS:</b> 4			
<b>Prerequisites:</b> none			
<b>Course Objective:</b> Introduce the students with climatology and pedology basic definitions and terms. Furthermore, explain to students the main natural processes in atmosphere and pedosphere.			
<b>Course Outcome:</b> The main outcomes of the course are: the full understanding of main processes in atmosphere and pedosphere; to get ability for explanation the actual global changes and main issues of air and soil pollution; to have knowledge to solve all these previous mentioned problems in order to protect environment and air and soil as one of the main geo-resources.			
<b>Course Content:</b> <i>Theoretical part</i> Atmosphere, climatology factors and elements, classification of the climate, spatial and temporal variability of climate, global changes, pollution and protection of the air, pedosphere, physical and chemical characteristics of soil, biological characteristics of soil, classification and geography of soil, damage, pollution and protection of soil.  <i>Practical part</i> Meteorological observation, analysis of meteorological data, field work in pedology research, detection of physical and chemical characteristics of soil in pedology lab.			
<b>Reading List:</b> Dukić, D. 1984. Climatology. Naučna knjiga, Belgrade. (in Serbian) Šegota, T., Filipčić, A. 1996. Climatology for Geographers. Grafički Zavod Hrvatske, Zagreb. (in Croatian) Miljković, N.S. 1996. Basic of pedology. Institut za geografiju, Novi Sad. (in Serbian) Miljković, N.S., Marković, S.B. 2001. Basic of Pedology – practicum. Institut za geografiju, Novi Sad. (in Serbian)			
<b>Total hours:</b>			
Lectures: 2	Practicals: 2	Other: -	Student research work: -
<b>Methods of instruction:</b> Lectures: by presentations, projections of scientific movies, working on a field work Practicals: by presentations, working in pedology lab and on a field work			
<b>Assessment (maximum number of points 100)</b>			
<b>Requirements</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>
Active participation in lectures	5	Practical exam	-
Active participation in practicals	5	Oral exam	50
Test(s) or			
Pre-exam testing	40		