

<b>Study program:</b> BIOLOGY			
<b>Type and level of studies:</b> Graduate studies			
<b>Course unit:</b> B216 - Phytogeography			
<b>Teacher in charge:</b> Milan S. Stanković			
<b>Language of instruction:</b> English			
<b>ECTS:</b> 5			
<b>Prerequisites:</b>			
<b>Semester:</b> Winter			
<b>Course unit objective</b> Introduction to basic concepts, principles and methodological approach in phytogeography.			
<b>Learning outcomes of Course unit</b> The acquired knowledge and skills in the context of history and geographical characteristics of the flora and vegetation with potential applications in scientific research and practice.			
<b>Course unit contents</b> <i>Theoretical classes:</i> Basic characteristics of the species range. Cartography of the species range. Endemics and relicts. Basic concepts of historical phytogeography. History of the plant life in the Paleozoic. History of the plant world in the Mesozoic. The history of the plant world in the Cenozoic. A special review of the history of flora and vegetation during the Ice Age. Significance and application of pollen analysis in historical phytogeography. Floristic regions and their division. Holarctic floristics region. Paleotropical floristic region. Neotropical floristic region. Cape floristic region. Australian floristic region. Antarctic floristic region. Oceanian floristic region. <i>Practical classes:</i> Learning the basic principles and methodological approaches in the collection, processing and disposal of data on flora and vegetation. Work with herbarium collections and software packages for the processing of cartographic data on flora and vegetation, as well as databases. The methodological principles of data collection and processing pollen analysis in accordance with objective.			
<b>Literature</b> Archibold O. W. (1995): Ecology of World Vegetation. Springer Netherlands. Cox CB, Moore PD. (1996): <i>Biogeography: an ecological and evolutionary approach</i> . 5 <sup>th</sup> ed. Blackwell Science. Rivas Martínez (2015): <i>Worldwide Bioclimatic Classification System 1996-2015</i> . S. Rivas-Martínez & S. Rivas-Sáenz. Phytosociological Research Center, Spain. <a href="http://www.globalbioclimatics.org">http://www.globalbioclimatics.org</a>			
<b>Number of active teaching hours</b>			Other classes: /
Lectures: 2	Practice: 2	Other forms of classes: /	
<b>Teaching methods</b> Interactive teaching. Methods of individual work. Verbal-textual teaching methodological approach. Application of information technology in teaching.			
<b>Examination methods (maximum 100 points)</b>			
<b>Exam prerequisites</b>	<b>No. of points</b>	<b>Final exam</b>	<b>No. of points</b>
Practical classes		Written examination	10
Tests	10	Oral examination	60
Homework	/	Other	
Seminars	20		
Project	/		
<b>Grading system</b>			
<b>Grade</b>	<b>No. of points</b>	<b>Description</b>	
10	>= 91	Excellent	
9	81-90	Exceptionally good	
8	71-80	Very good	
7	61-70	Good	
6	51-60	Passing	
5	<=50	Failing	