

<b>Study Programme : Msc in Biology</b>			
Degree level: Master degree			
<b>Course Title:</b> Biogeography			
<b>Professor:</b> Goran Anačkov, Olivera Bjelić-Čabrilo			
<b>Required/Elective Course:</b> Required Course			
<b>Number of ECTS:</b> 6			
<b>Prerequisites:</b>			
<b>Course Objective:</b> Introduction to basic concepts and methods in biogeography. Knowing the rules of the distribution of plant and animal species, as well as communities living in different phyto and zoogeographic areas, with special emphasis on the territory of Serbia.			
<b>Course Outcome:</b> Acquired basic knowledge about the areal and horology of species and communities on Earth. Getting to know the biogeographic characteristics of Serbia.			
<b>Course Content:</b>			
<i>Theoretical part</i>			
Areal. Features of the areal (mapping, typologies, dimensions, forms, dynamic of area), distribution centres and the origin of species. Concept of endemic, relict, cosmopolit organisms, theory and examples of vicarism, Island and mountain biogeography. Horology, the basic research methods in biogeography. Historical biogeography. Ecological biogeography. Phytogeographical division of the world. Floristic area. Phytogeography of Serbia and the Balkan Peninsula. Fauna (concept, structure, analysis, genesis) and zoogeographical division of land. Zoogeographical division and zoniomes in Serbia and Montenegro, with typical representatives of the tetrapod vertebrates.			
<i>Practical part</i>			
The basic methods of mapping, directly and indirectly mapping in floristic research. Elements of the flora. Floristic statistics. Endemic, relicts, diversity of flora and vegetation. Characteristic representatives of vertebrates in some zoogeographic areas.			
<b>Reading List:</b>			
1. Јанковић, М. (1985): Фитогеографија. Природно-математички факултет Универзитета у Београду, Југословенски завод за продуктивност рада и информационе системе, Београд.			
2. Јанковић, М.М., Атанацковић, Б.С. (1999): Биогеографија са педологијом. Географски факултет, Универзитет у Београду, Београд.			
3. Лопатин, И. К.(1995): Зоогеографија. Превод са руског-Снежана Пешић, Зим-Пром, Крагујевац.			
4. Лопатин, И. К., Матвејев, С. (1995): Кратка зоогеографија са основама биогеографије и екологије биома Балканског полуострва, 1. књига, Љубљана.			
<b>Total hours:</b>			5
Lectures: 3	Practicals: 2	Other:	Student research work:
<b>Methods of instruction:</b> Theoretical lectures, laboratory exercises, video screenings.			
<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	45
Active participation in practicals		Oral exam	20
Test(s) or	15		
Pre-exam testing	15		
<b>Remark:</b>			