

<b>Level:</b> Bachelor			
<b>Course title:</b> Digital cartography			
<b>Teacher:</b> PhD Ristanović Branko, associate professor			
<b>Subject status:</b> Elective			
<b>ECTS:</b> 6			
<b>Requirements:</b> none			
<b>Learning objectives:</b>			
To introduce students to the concepts of digital mapping, analogue and digital maps, digitizing.			
<b>Learning outcomes:</b>			
Mastering the techniques of making digital maps because they represent a starting point for the application of geographic information systems.			
<b>Syllabus</b>			
<i>Theoretical instruction:</i>			
The concept of digital maps, the basic input data and information in digital cartography, digital mapping classification, the importance of digital mapping, the advantages and disadvantages of using digital maps, software in digital cartography, digital mapping and GIS.			
<i>Practical instruction:</i>			
Raster maps, vector map form, drawing points, drawing polygons, line drawings, data entry geographical content, data updating, creating thematic digital maps.			
<b>References:</b>			
Ćurčić, S., Ristanović B., (2010): Cartography, University of Novi Sad, Department of Geography, Tourism and Hotel Management, Faculty of Sciences, Novi Sad.			
<b>Weekly teaching load 4 (60)</b>			<b>Other: -</b>
<b>Lectures: 2</b>	<b>Exercises: 2</b>	<b>Other forms of teaching: -</b>	
<b>Methods of teaching:</b>			
Monologue-dialogue, illustration and surveying, fieldwork.			
<b>Grading (maximum score 100)</b>			
Pre-exam	points	Final exam	points
Activity during the lectures	<b>0-5</b>	written exam	
Practical training	<b>0-5</b>	oral examination	<b>30-45</b>
Tests	<b>20-40</b>		
Seminars	<b>0-5</b>		