

Study programme: Bachelor with honours in Geography			
Course title: Digital Cartography (DG305)			
Teacher(s): dr Branko Ristanović			
Status: elective			
ECTS: 6			
Requirements: none			
Learning objectives			
To familiarize students with the concepts of digital mapping, analog and digital map, digitalization.			
Learning outcomes			
That students master the techniques of making digital maps because they represent the starting point for the application of geographical information system.			
Syllabus			
<i>Theoretical part:</i>			
The concept of digital maps, the basic input data and information in digital cartography, classification of digital maps, the importance of digital cartography, advantages and disadvantages of using digital maps, software in digital cartography, digital cartography and GIS.			
<i>Practical part:</i>			
Raster format maps, vector shapes map, drawing points, drawing polygons, draw lines, data entry geographical content, updating, creating thematic digital maps.			
Literature			
Čurčić, S., Ristanović B., 2014. Kartografija. Univerzitet u Novom Sadu, Prirodno-matematički fakultet, Departman za geografiju, turizam i hotelijerstvo. Novi Sad.			
Riffenburgh, B. (2011): The men who mapped the world, Carlton: The Royal geographical society, 96pp			
Weekly teaching load 4 (60)	Lectures 3	Exercises 1	
Methods of Teaching			
Monologue, dialogue, illustrative, demonstrative			
Grading method (maximu 100 points)			
Pre-examination assignments	points	Final examination	points
Activities during lectures	0-5	Written examination	
Activities during exercises	0-5	Oral examination	30-45
Colloquia	20-40	
Seminar paper	0-5		