

Study programmes: PhD studies - Informatics				
Course name: R400 - Preparation for thesis topic submission				
Lecturers: Gordana Pavlović-Lažetić and other lecturers at Department of computer Science				
Status: Required				
ECTS: 21				
Attendance prerequisites: -				
Course aims: Getting acquainted with a narrow scientific area, with its open problems and with advanced research methods suitable for this field.				
Course outcome: The student knows the narrow scientific area (in which his / her doctoral dissertation will be), he/she critically reviews the existing results and methodologies, identifies open problems, and is able to propose research that should lead to solving these problems.				
Course content: For the selected scientific area, students works on the following topics: <ul style="list-style-type: none"> - History and development of the area; - Overview of the most significant results of the area (methods, assertions, algorithms, implementations, resources, etc.); - Overview of suitable research methods; - Overview of open issues in the area; - Selected open problems and ideas to solve them. 				
Literature: <ol style="list-style-type: none"> 1. Wayne C. Booth, Gregory G. Colomb, Joseph M. Williams: The Craft of Research, The University of Chicago Press, 2008. 2. Selected relevant current literature. 				
Number of hours: 15	Lectures: -	Tutorials: -	Laboratory: -	Research: 15
Teaching and learning methods: Individual and practical.				
Assessment (maximal 100 points)				
Course assignments	points	Final exam	points	
Lectures	-	Written exam	-	
Exercises / Tutorials	-	Oral exam	50	
Colloquia	-	Written-oral exam	-	
Essay / Project	50			