

Study programmes: PhD studies - Informatics				
Course name: R481 - Script Languages and Web Programming				
Lecturers: Saša Malkov and other lecturers at Department of computer Science				
Status: Optional				
ECTS: 9				
Attendance prerequisites: -				
Course aims: Learn the specific properties of the script languages with special emphasis on their usage in web development. Create multi-layer web applications using a specific script language.				
Course outcome: After completion of the course, students will learn how to use and develop general and specific domain script languages and master the technique of creating multi-layer web applications.				
Course content: Script-languages characteristics. Programming in a specific script language. Comparison of some script-languages that are used on the web. Elements of multitier web applications. Communication with the client. Communication with the database. Creating multitier web applications.				
Literature: 1. D. Lang, H. Williams, Web Database Applications with PHP and MySQL, O' Reilly, 2004. 2. D. Sklar, Learnig PHP 5, O' Reilly, 2004. 3. H. E. Williams, D, Lane, Web aplikacije i baze podataka: PHP i MySQL, Mikro knjiga, Beograd, 2003. 4. D. Conway: Perl Best Practices, O'Reilly, 2005. (The lecturer can choose another relevant current literature)				
Number of hours: 10	Lectures: 4	Tutorials: -	Laboratory: -	Research: 6
Teaching and learning methods: Frontal lectures, group and individual tutorials and exercises.				
Assessment (maximal 100 points)				
Course assignments	points	Final exam	points	
Lectures	20	Written exam	-	
Exercises / Tutorials	-	Oral exam	-	
Colloquia	-	Written-oral exam	50	
Essay / Project	30			