Study programmes: BACHELOR STUDIES - Informatics	
Course name: CODE M113 – Analysis 3	
Lecturers: Z. Kadelburg, Nebojša Lažetić	
Status: Compulsory	
ECTS: 6	
Attendance prerequisites: M111, M112	
Course aims: Acquiring knowledge from the Mathematical Analysis, especially regarding multivariable calculus.	
Course outcome: At the end of the course students will be expected to have - learned notions of multivariable calculus - acquired the ability to apply multivariable calculus	
Course content: Functions of several variables. Multivariable calculus. Multiple Riemann integral. Curvilinear integral. Surface integral.	
Literature: D. Adnađević, Z. Kadelburg: Matematička analiza 2, Matematički fakultet, Beograd 2008.	

Number of hours: 5	Lectures: 3	Tutorials: 2	Laboratory: -	Research: -

Teaching and learning methods: Frontal, tutorial and practical

Assessment (maximal 100 points)				
Course assignments	**points**	**Final exam**	**points**	
Lectures	-	Written exam	-	
Exercises / Tutorials	10	Oral exam	-	
Colloquia	30	Written-oral exam	60	
Essay / Project	-			