Study programmes: BACHELOR STUDIES - Informatics	
Course name: CODE M112 – Analysis 2	
Lecturers: Z. Kadelburg, M.Knežević	
Status: Compulsory	
ECTS: 6	
Attendance prerequisites: No prerequisites.	
Course aims: Acquiring basic knowledge from the Mathematical Analysis (especially regarding indefinite and definite integral, numerical and functonal series), necessary for further study of close subjects.	
Course outcome: At the end of the course students will be expected to have - learned notions of indefinite and definite integral and notions of numerical and functional series - acquired the ability to apply integrals and series	
Course content: . Indefinite integral. Definite Riemann integral and applications. Numerical series. Power and the Fourier series.	
Literature: 1. D. Adnađević, Z. Kadelburg: Matematička analiza 1, Matematički fakultet, Beograd 2008. 2. 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	-			