Study programmes: BACHELOR STUDIES - Mathematics	
Course name: Selected Topics of Analysis	
Lecturers: Miroslav Pavlović, Miroljub Jevtić, Miodrag Mateljević, Zoran Kadelburg, Nebojša Lažetić, Danko Jocić, Miloš Arsenović, Darko Milinković, Dragoljub Kečkić, Đorđe Krtinić, Vladimir Božin, Miljan Knežević	
Status: Optional	
ECTS: 6	
Attendance prerequisites: Analysis 3A, Analysis 3B, Complex analysis A, Complex analysis B, Differential equations A, Differential equations B	
Course aims: Expanding and deepening knowledge (and calculating skills) from some important areas of mathematical analysis, understood in the broadest sense.	
Course outcome: The student should master special knowledge and acquire a substantially understanding of the learned mathematical content.	
Course content: Selected topics from real analysis, complex analysis, functional analysis, global analysis, measure theory, operator theory and differential equations.	
Literature: Depending on the topic that will be realized at the course.	

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

Teaching and learning methods: Frontal / Tutorial

Assessment (maximal 100 points)				
Course assignments	**points**	**Final exam**	**points**	
Lectures	-	Written exam	30	
Exercises / Tutorials	10	Oral exam	30	
Colloquia	10	Written-oral exam	-	
Essay / Project	20			