

<b>Study programmes:</b> PhD studies – Mathematics – Analysis and differential equations			
<b>Course name:</b> 3M153 Linear topological spaces			
<b>Lecturers:</b> Nebojša Lažetić			
<b>Status:</b> Optional			
<b>ECTS:</b> 9			
<b>Attendance prerequisites:</b> Functional analysis			
<b>Course aims:</b> Mastering of notions and methods of the linear topological spaces.			
<b>Course outcome:</b> Student should understand and be able to apply notions and techniques of the linear topological spaces.			
<b>Course content:</b> Topological vector spaces. Locally convex spaces. Linear operators in locally convex spaces. Theory of duality.			
<b>Literature:</b>			
1. Helmut H. Schaefer, Topological Vector Spaces, Mir, 1971.			
<b>Number of hours:</b> 10	<b>Lectures:</b> 4	<b>Research:</b> 6	
<b>Teaching and learning methods:</b> Frontal / Individual / Research			
<b>Assessment (maximal 100 points)</b>			
<b>Course assignments</b>	<b>Points</b>	<b>Final exam</b>	<b>points</b>
Lectures		Written exam	
Exercises / Tutorials	50	Oral exam	50
Colloquia		Written-oral exam	
Essay / Project			