

<b>Study program: Service Business Management</b>			
<b>Subject name: Scientific methods of Research</b>			
<b>Lecturer:</b> Miloš Dragosavac, Ph.D. ( <a href="mailto:milos.dragosavac@mbs.edu.rs">milos.dragosavac@mbs.edu.rs</a> )			
<b>Subject status: Obligatory</b>			
<b>ECTS: 8</b>			
<b>Prerequisites: -</b>			
<b>Subject objectives</b> The goal is to introduce students with the fundamental concepts, theories, and method of research work, as well as the study of the main research programs in Management, Economy and Organization.			
<b>Subject outcomes</b> By familiarizing with the subject, students should learn theory-methodological and practical knowledge about the conditions, ways and range of the different methods, models, techniques in the research of relevant phenomena of Economy and Management.			
<b>Subject description</b> <i>Assignments:</i> <i>Key concept demarcation-Method and Methodology; The Methodology of theory and practice;Basic research paradigm of social and economical phenomena; Multidisciplinarity, interdisciplinarity, transdisciplinarity of the research phenomena results and the problem of Economy and Management.</i> <i>The relation between positivistic and critical methodology—Positivistic and critical thoughts; Dialectic research of the contemporary world; Controversies in the application of the dialectic method.</i> <i>Characteristics and specifications of Management Economy—General methodological principles of social sciences; Research methods of economy phenomena and processes—Qualitative analysis; Quantitative analysis; Economical models</i> <i>Methods and techniques of research work—Stages of research work; The definition of problem and hypothesis setting; The formulation of the research plan; The collection, classification and data analysis; Analysis and explanation; Research methods and techniques;</i> <i>Subject description</i> <i>Assignments:</i> Practical writing of idea sketches and the research project for a specific research area. The definition of the research subject. The goals of research. The definition of general and collateral hypotheses. The indicators of operationalization and testing of the defined hypotheses. Defining includes phenomena in the research process.			
<b>Materials</b> Sakan, M. (2005), Izrada stručnih i naučnih radova, Prometej, Novi Sad Vujević, M. (2002), Uvođenje u znanstveni rad, Školska knjiga, Zagreb. Baban, Lj. i dr., (2000), Primijenjena metodologija stučnog i znanstvenog istraživanja, Ekonomski fakultet Osijek. Jarić, S. (2001), Osnovi metodologije nauka, Autorsko izdanje, Niš. Petrović, S.P. (2006), Sistemsko mišljenje, Sistemskemetodologije, Autorsko izdanje, Kragujevac. Berg, B. (2004) (2 <sup>nd</sup> . Ed), <i>Qualitative Research fort the Social Sciences</i> , Allyn and Bacon, London and Boston.			
<b>Total number</b>		<b>Courses: 3x15=45</b>	<b>Practice: 3x15=45</b>
<b>Teaching methods</b> Lectures—Case analysis, paper presentations and discussions. Exercises—independent and group work on computers to solve tasks and functions of the applicative software for e-business.			
<b>Grade (maximum number of points 100)</b>			
<b>Pre-exam assignments</b>	points	<b>Final exam</b>	points
course activity	5	written test	-
practice	5	oral test	60
test	10	.....	
essay	20		