

<b>Study program:</b> Business Economics and Entrepreneurship (180 ECTS); Finance banking and insurance (240 ECTS)			
<b>Type and level of studies:</b> Basic academic studies, first level of studies			
<b>Course title: MANAGEMENT INFORMATION SYSTEMS</b>			
<b>Professor:</b> Đorđević Gordana			
<b>Course status:</b> elective			
<b>ECTS Points:</b> 7			
<b>Condition:</b> Selected subject, enrolled in the IV semester, passed the exam in the Business Informatics course, the subject examined and the pre-exam obligations realized			
<b>Objective:</b> Introducing students with modern theoretical and practical aspects of the information management system (MIS), information technologies to support management and decision-making processes, basic methods, techniques and tools for building MIS, and managing managerial knowledge.			
<b>Outcome:</b> After passing the exam, the student understands the roles, basics, concepts and structures. MIS possesses the necessary theoretical and practical knowledge and skills on methods, techniques and software tools in the use of modern applied software solutions for artificial intelligence, expert systems, decision support systems and knowledge management systems business changes.			
<b>Contents of the course</b> <b>Theory teaching:</b> General system theory; Information Systems (IS). Methodologies and Models of Development IS; Structural system analysis; Model object-links; CASE tools; Architecture IS; Maintenance of IS; Quality and standards in IT. Business system as the relevant IS environment; Functional structure of business IS; Development changes and management of IS; Management and decision-making in business systems. IS management; Transaction processing systems in support of business operations; Enterprise resource planning systems - ERP systems; Supply chains; Customer Relationship Management. Executive IS (EIS); Analytical IS; Group decision support systems; Intelligent systems; Detection and Data mining; Geographic Information System - GIS; Document management. Digital economy; Creating a new economy; Digital Economy and Knowledge, Digital Economy Features; Digital nervous system. Ethical and Social Issues in IS; Safety and protection IS. <b>Practical classes:</b> Presentation on computers using MIS Web tools and application software and CASE tools for modeling processes and data for selected management IS. Preparation of colloquium and exams. Evaluation of realized teaching and analysis of its results.			
<b>Literature</b> [1]. Živadinović J., Medić Z., (2013), Management Information Systems, High School for Business Economics and Entrepreneurship Belgrade			
<b>Number of active classes</b>		Theoretical classes: 2	Practical classes: 2
<b>Methods of teaching:</b> Lectures are auditory, and they are performed in amphitheater with all students and fully followed by video presentations. Exercises are carried out by groups of students in laboratories, as follows: (1) as auditory, where further topics are discussed and lectures are analyzed and characteristic examples are analyzed; (2) as demonstrative, for the presentation of MIS Web tools and application software; and (3) as, laboratory for display CASE tools for modeling process and data for selected management IS;			
<b>Knowledge assessment (maximum number of points 100)</b>			
Pre-exam obligations	Points 50	Final exam	Points 50
activity during lectures	20	Oral exam	50
colloquium-first	15		
colloquium-second	15		