

(Table 5.2) Course unit description

Study program: Business Economics and Management			
Type and level of studies: Undergraduate studies			
Course unit: Management Science			
Teacher in charge: Dejana Zlatanović			
Language of instruction: English			
ECTS: 7			
Prerequisites: Basic knowledge in the field of Management and Organization			
Semester: VI			
Course unit objective: The objective of the course is to introduce the students into systemic and interdisciplinary way of thinking. This implies acquainting with theoretical-methodological and applicative dimensions of systemic conceptualization and research of management problem situations in enterprises. Aiming to creative problem solving in business economics, critically and complementary use of various methodological tools and knowledge will be also analyzed.			
Learning outcomes of Course unit			
<ul style="list-style-type: none"> • Students will be able to holistically understand the complex and ambiguous management problems in enterprises; • Theoretical and methodological knowledge about systemic researching the structure and functioning of the real systems of business economics; • Gaining insights into diverse systems approaches to interdisciplinary managing the problem situations in enterprises; • Practical knowledge about conditions, ways, strengths and limitations of using the systems methodologies in creative structuring/solving the management problems in enterprises. 			
Course unit contents			
The key features of contemporary Management Science			
Management problem situations: problems <i>versus</i> problem situations			
Systems thinking as scientific instrumentarium of contemporary Management Science			
Basic systems concepts: inputs and outputs, structure and functioning			
Systems methodologies for problem situations structuring			
Management Science models			
Rational choice, risk and uncertainty			
Interactive Planning – an interpretative systems methodology for problem situations structuring			
Literature			
1. Jackson, M. C. (2003). <i>Systems Thinking: Creative Holism for Managers</i> , New York: John Wiley and Sons. (Selected Chapters)			
2. Mingers, G. (2006). <i>Realizing Systems Thinking - Knowledge and Action in Management Science</i> . New York: Springer. (Selected Chapters)			
3. Daellenabch, H., McNickle, D., Dye, S. (2012). <i>Management Science: Decision-Making Through Systems Thinking</i> . Second Edition. London: Palgrave Macmillan. (Selected Chapters)			
Number of active teaching hours			Other classes
Lectures	Practice	Other forms of classes	
Teaching methods			
Professor's lectures, case studies, discussions			
Examination methods (maximum 100 points)			
Exam prerequisites	No. of points:	Final exam	No. of points:
Student's activity during lectures	10	oral examination	40
practical classes/tests	40		

Seminars/homework	10		
Project			
Other			
Grading System			
Grade	Bo. Of Points:		Description
10	91-100		Excellent
9	81-90		Exceptionally good
8	71-80		Very good
7	61-70		Good
6	51-60		Passing
5	0-50		Failing