

Annex No. 3		First Cycle Studies Course Programme			
1.	Course Title	Management Information Systems			
2.	Code	MGT 320			
3.	Study programme	Management and Entrepreneurship			
4.	Organizer of the study programme (university unit i.e. institute, chair, department)	Ss. Cyril and Methodius University in Skopje Faculty of Economics - Skopje Chair of Management			
5.	Level (first, second, third cycle)	First cycle			
6.	Academic year / semester	2022-2023 5 th (winter semester)	7.	Number of ECTS credits	7.5
8.	Professor	Prof. Nikola Levkov, PhD			
9.	Preconditions for enrolment	None			
10.	<p>Course Objectives (Competencies):</p> <p>After taking this course, students should be able to:</p> <ol style="list-style-type: none"> 1) to understand the role of information and information technology in achieving competitive advantage. 2) to be capable of developing alignment of business and IT strategy. 3) to become familiar with modern business applications such as: Supply Chain Management Systems, Customer Relationship Management Systems and Enterprise Resource Planning Systems. 4) to become familiar with different types of information systems from hierarchical perspective: transaction processing systems, management information systems, decision support systems and executive support systems. 5) to be capable to analyze and define information needs and to translate them into information systems design. 6) to be capable to create conceptual and logical design of data with ERD diagrams and relational tables. 7) to be capable to develop a business case for information systems development. 8) to understand the ethical and security issues of information systems. 				
11.	<p>Course content:</p> <ol style="list-style-type: none"> 1) Information revolution - the foundation for digital and networked economy 2) Strategic role of information systems in global business today 3) Information systems, organization and strategy 4) Management of IS infrastructure and architecture 5) Key system applications for the digital era 6) Data management and analytics 7) E-commerce, digital markets and digital products 8) Knowledge management, business intelligence and decision making 9) Ethical and security issues in information systems 10) Economics of information and information systems 11) Management of IS projects 12) System analysis and design of information systems 13) Development of information systems 14) The impact of information technology development on individuals, organizations and society 				

12.	Learning methods: Interactive lectures, group project, case studies, readings and discussions, business simulations, guest speakers.					
13.	Total hours	7.5 ECTS x 30 classes = 225 classes				
14.	Allocation of hours per activity	90+50+30+5+10+40 = 225 hours				
15.	Types of teaching activates	15.1	Interactive lectures	90 classes		
		15.2	Group project	50 classes		
		15.3	Case studies, readings, and discussion	30 classes		
16.	Other types of activities	16.1.	Guest speakers	5 classes		
		16.2.	Business Simulations	10 classes		
		16.3	Homework	40 classes		
17.	Grading method: 60+20+15+5=100 points					
	17.1.	Tests (Written exam)	60%			
	17.2.	Group project	20%			
	17.3	Case studies and business simulations	15%			
	17.4	Readings and discussions	5%			
18.	Grading scale	less than 50 points	5 (five) (F)			
		from 51 to 60 points	6 (six) (E)			
		from 61 to 70 points	7 (seven) (D)			
		from 71 to 80 points	8 (eight) (C)			
		from 81 to 90 points	9 (nine) (B)			
		from 91 to 100 points	10 (ten) (A)			
19.	Preconditions for taking the final exam	Realized activities from points 15 and 16				
20.	Language	Macedonian (or English)				
21.	Evaluation method	Internal evaluation and survey				
22.	Literature					
	22.1.	Compulsory literature				
		No.	Author	Title	Publisher	Year
		1.	Kenneth C. Laudon, and Jane P. Laudon	<i>Management Information Systems: Managing the Digital Firm, 17th Edition</i>	Pearson	2022
		2.	Paul Beynon-Davies	<i>Business Information Systems</i>	Red Globe Press	2020
	22.2.	Additional literature				
No.		Author	Title	Publisher	Year	

		1.	Paige Baltzan	<i>Business Driven Information Systems</i>	McGraw-Hill Education	2021
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