

Annex No. 3		First Cycle Studies Course Programme			
1.	Course Title	Information Systems Analysis and Design			
2.	Code	EBU 430			
3.	Study programme	E-business			
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 E-business			
5.	Level (first, second, third cycle)	First cycle			
6.	Academic year / semester	2022-2023 (winter semester)	7.	Number of ECTS credits	7.5
8.	Professor	Prof. Mijalche Santa, PhD			
9.	Preconditions for enrolment	None			
10.	Course Objectives (Competencies): After taking this course, students should be able to: <ol style="list-style-type: none"> able to determine and implement an appropriate methodology for information systems development will know and use different techniques to determine and collect the users requirements and features of the information system create and interpret various documents related to system analysis including use cases, user stories, data flow diagrams. to determine and justify an appropriate plan for the installation of the information system in the organization 				
11.	Course content: The course introduces students in detail to the basic concepts, techniques and methodologies that are relevant to the development of information systems. The course focuses on identifying needs, analyzing them, designing models and developing information systems. Through practical exercises, the course provides a context for the implementation of information systems and the selection of appropriate concepts for the development and implementation of information systems.				
12.	Learning methods: Lectures with presentations, interactive lectures, team work, guest lecturer, case studies, preparation and presentation of a project assignment				
13.	Total hours	7.5 ECTS x 30 hours = 225 hours			
14.	Allocation of hours per activity	60+30+25+20+90= 225 classes			
15.	Types of teaching activates	15.1.	Lectures	60 classes	
		15.2.	Exercises (Seminars)	30 classes	
16.	Other types of activities	16.1.	Project assignments	25 classes	
		16.2.	Individual assignments	20 classes	
		16.3.	Self-study	90 classes	
17.	Grading method: 70+20+10=100 points				
	17.1.	Tests (Domain, Essay, Multiple choice exam, Case)		70%	
	17.2.	Individual assignments/project		20%	
	17.3.	Attendance and class participations		10%	
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.	Dennis, Wixom, Roth	Systems analysis and design – 7th edition	Wiley	2018
		2.	Mike Cohn	Succeeding with Agile: Software Development Using Scrum	Addison-Wesley Professional	2009
			Joseph Valacich and by Joseph Valacich	Modern Systems Analysis and Design 9th Edition	Pearson	2020
	22.2.	Additional literature				
		No.	Author	Title	Publisher	Year
		1.	Давид Ејвисон и Гај Фитзелалд	Развој на информациски системи: методологии, техники и алатки – 4 издание	АД Вербум	2012
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