Annex No. 3		**Second Cycle Studies Course Programme**			
1.	Course Title	**Business Application Programming**			
2.	Code	EBU 5910			
3.	Study programme	E-business Management			
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)	Second cycle			
6.	Academic year / semester	Second year / third semester	7.	Number of ECTS credits	9
8.	Professor	Prof. Mijalche Santa, PhD			
9.	Preconditions for enrolment	None			
10.	**Course Objectives (Competencies):** The main goal of the course is to build students' knowledge and skills in the field of business application development, with a focus on analyzing the needs of the business and crafting appropriate solutions. Upon completion of the course, students are expected to develop skills in designing, coding, and implementing applications based on business needs and requirements. Upon completion of the course, students will acquire the following knowledge and skills: • Knowledge in the field of programming concepts and their relation to business problems and requirements • Development of business applications for specific business purposes and needs • Competencies for development and implementation of ICT business applications • Detailed knowledge of the basic elements of computer programming languages for development, implementation and management of business applications • Ability to integrate e-business applications for optimal business operation.				
11.	Course content: The content of the course covers the fundamental elements of computer programming, the principles of program design and program structures, analysis and development of business needs solutions, program testing, design and structure of business applications, as well as modern trends and future development of business applications. The topics covered are focused on e-business models, in the context of building tools and applications for end-users. Through a combined approach of lectures and exercises, students will gain significant practical knowledge for analyzing, synthesizing, understanding and addressing diverse business needs through the construction and implementation of business applications.				
12.	Learning methods: Interactive approach to teaching (theoretical lectures, practical work and homework)				
13.	Total hours	9 ECTS x 30 classes = 270 classes			
14.	Allocation of hours per activity	40+230= 2700 classes			
15.	Types of teaching activates	15.1.	Lectures	24 classes	
		15.2.	Exercises (Seminars)	16 classes	
16.	Other types of activities	16.1.	Project tasks	100 classes	
		16.2.	Individual tasks	70 classes	
		16.3	Home learning	60 classes	
17.	Grading method: 80+10+10=100 points				
	17.1.	Tests (Domain, Essay, Multiple choice exam, Case)		80%	
	17.2.	Individual work/project (presentation: written and oral)		10%	

	17.4.	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 language, English language		
21.	Evaluation method		Internal evaluation and survey		
22.	Literature				
	22.1.	Compulsory literature			
		No.	Author	Title	Publisher	Year
		1.	Leung T.	*Beginning Power Apps: The Non-Developer's Guide to Building Business Applications*	Apress, New York, USA	2021
		2.	Hur C.	*Developing Business Applications for the Web: With HTML, CSS, JSP, PHP, ASP.NET, and JavaScript*	Mc Press, Idaho, USA	2017
	22.2.	Additional literature				
		No.	Author	Title	Publisher	Year
		1.	Blodyk G.	*Business Application Programming Interface BAPI Standard Requirements*	5STARCooks, USA	2018
		2.				