

Annex No. 3		First Cycle Studies Course Programme			
1.	Course Title	Econometrics			
2.	Code	ECN 330			
3.	Study programme	Economics			
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 Economics			
5.	Level (first, second, third cycle)	First cycle			
6.	Academic year / semester	2022-2023 (winter/summer semester)	7.	Number of ECTS credits	7.5
8.	Professor	Prof. Vesna Bucevska, 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"> 1. understand issues that arise from the formulation, evaluation and use of economic models; 2. construct the data, specify the economic models and evaluate the parameters of that model; 3. examine the verification model through testing and interpret analyzes in the economic framework; 4. estimate the model for testing the economic theory that underlies the model and 5. forecast future economic activities based on the estimated quantitative correlation. 				
11.	Course content: Through this course, you will get a broad knowledge of how to determine the quantitative dependencies of the variables in a given economic relation, examine the validity of the economic theory's settings, and predict the movement of economic variables based on the established quantitative relationships. This course focuses on developing the methods and quantitative tools needed to properly understand and use the least squares regression analysis, as it is applied in many subjects involving economic and business modeling and hypothesis testing. Emphasis will be placed on developing intuitive understanding by working with examples and solving specific problems based on real data in a computer lab using the EViews economic software package.				
12.	Learning methods: Lectures with presentations, interactive lectures, team work, guest lecturer, exercises, case studies, preparation and presentation of a project task.				
13.	Total hours	7.5 ECTS x 30 classes = 225 classes			
14.	Allocation of hours per activity	60+30+30+15+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 tasks	30 classes	
		16.2.	Independent tasks	15 classes	
		16.3	Home study	90 classes	
17.	Grading method: 60+30+10=100 points				
	17.1.	Tests (Domain, Essay, Multiple choice exam, Case)	60 points		
	17.2.	Seminar work / project (presentation: written and oral), laboratory exercises	30 points		
	17.3.	Attendance and class participations	10 points		
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.	Bucevska, V.	<i>Економетрија со примена на EViews (Econometrics with Application in EViews)</i>	Ss. Cyril and Methodius University in Skopje, Faculty of Economics-Skopje	2016
	22.2.	Additional literature				
		No.	Author	Title	Publisher	Year
		1.	Гуџарати, Д. Н	Основи на економетријата, 4то издание	НАМПРЕС (превод од англиски, проект на Влада на Република Македонија)	2012
		2.	Gujarati, D. N. and Porter, D.C.	<i>Basic Econometrics w/Data Disk</i> , 5th edition,	McGraw and Hill	2017
		3.	Gujarati, D.N.	<i>Student Solutions Manual t/a Basic Econometrics</i> , 4th edition	McGraw and Hill	2012