University " Ukshin Hoti" Prizren
Faculte of Economics
Programie: International Management

LEARNIN PROGRAME – SYLLABUS							
Level of Studies	Bachelor	**Program**	MN	**Academic Year**		2019/20	
Course	**STATISTICS**						
Year	I	**Status of the Course**	Obligated	**Code**		**ECTS credits**	**5**
Semester	II						
Learning Weeks	15		Learning Hours: 60		Lectures	Exercises	
					2	**3**	
Learning Methodology	Lectures, exercises, homework, tests, consultations.						
Consultations							
Lecturer	Prof. Dr. Fevzi Berisha		e-mail		exiberisha@hotmail.com		
			Tel.		044 126 989		
Assistant	Ass. Anera Alishani		e-mail		anera.alishani@uni-prizren.com		
			Tel.		045 280 532		

Study purpose of the course	Student Benefits
The purpose of Statistics is make students familiar with the basic notions of this subject by applying the elements of statistics related to different spheres of life (economics, politics, social, etc.). In addition statistics prepares the students to use different statistical methods necessary to participate in research, either individually or as part of various scientific teams.	After completing this course, the studentswill be able to use and understand the notions of statistics. In more details, students will be able to: • To reflect on the importance of statistics, the notion of statistics and its application on different fields; • To understand the elements of statistical analysis the difference between the qualitative and quantitative variables as well as the ways of statistical observations; • To understand types of statistical grouping, series of frequency distribution and the presentation of statistical data into tables and graphs; • To be able to calculate arithmetic, geometric and harmonic average; • To be able to find mode, median and quartiles; • To know how to use absolute indicators of variation and statistical analysis; • To know how to use relative indicators of variation; • To understand, classify and calculate indexes; • To apply indicators of structure, of dynamics and of intensity; • To understand and apply the methods of dynamic analysis; • To be able to use the theory of probability during the analysis of massive phenomena; • To know how to implement functional connections between two measures among others.

Forms of teaching and learning lessons	
Lectures, exercises, presentation, solutions for of exercises and of problems, consultations	
Conditions for realization of the subject:	
Table marking, problem solving, discussions; student engagement in exercises	

Methods of assessment and passing criteria (in%)

The assessment is done through the test, while the final grade consists of five components:
- Regular attendance and engagement 10%
- Engagement in Exercises 10%
- First intermediate evaluation 15%
- Second intermediate evaluation 15%
- Final exam with oral or written test 50%

Total: 100%

Assessment in %	Final Grade	
91 - 100	10	(ECTS – A)
81 – 90	9	(ECTS - B)
71 – 80	8	(ECTS - C)
61 – 70	7	(ETCS - D)
51 – 60	6	(ETCS - E)
40 - 50	5*	(ETCS – FX)

Obligations of the Students:

Lectures	**Exercises**
The student should be regular in lectures and exercises, to use of all opportunities for learning, to use compulsory and contemporary literature, to be active and to respect the rules on high school ethics in courtesy and co-operation.	The student should be active in the exercises and reflect the readiness and knowledge of initiatives, ideas and demonstrations of the knowledge acquired in the lectures.

Student load for the subject

Activity	Hours	Days/Weeks	Total:
Lectures	2	15	30
Exercises	2	15	30
Consultations with the Lecturer/Assistant	2	3.5	7
Time for self-study	2	15	30
Preparation for final exam	4	7	28
		Total:	**125**

Week	Lecture		Exercises	
	Topic	**Hours**	**Topic**	**Hours**
1.	Notion and the subject of Statistics: • Presentation of the subject and of the curriculum • Working and evaluation methods; • Mutual Student-Teacher Obligations • Meaning, Importance, Methods and Object of Statistics	2	Discussion and questions from the Notion and Subject of Statistics	3
2.	**Analysis of samples and their characteristics** • The activity of statistical research	2	Discussion questions from sample analysis and their characteristics	3
3.	**Phases of statistical research** Observation, grouping, presentation, analyses and publication of statistical data. • Summary and grouping of statistical data; • Organization (grouping) and graphic	2	Exercises from the Phase of Statistical Research	3

	presentation of qualitative data; • Organization (grouping) and graphic presentation of quantitative data			
4.	**Average measures (arithmetic, harmonic, geometric)** • Understanding • Averages for Ungrouped data • Averages for Weighted/ grouped data	2	Exercises from Average Measures (arithmetic, harmonic, geometric)	3
5.	**Position Averages**(median, mode, quartiles) • Median (the middle value) • Mode (dominant value) • Links between arithmetic averages, media, and mode • Quartiles	2	Exercised from Position Averages	3
6.	**Indicators of Variation** • Absolute variation indicators • Linear deviation, • Average quadratic standard deviation, • Variance	2	Exercises from Indicators of Variations	3
7.	**Relative Indicators of Variation** • Variation coefficient, • Quartile variation coefficient	2	Exercises from Relative Measures of Variation	3
8.	**Distribution of Frequencies** Analysis of forms and concentration of statistical series (symmetric distributions, asymmetric distributions).	2	Exercises from Distribution of Frequencies	3
9.	**Dynamic analysis, individual and group indexes** • Understanding of indexes • Individual indices (for price and quantity)	2	Exercises from Individual Indexes	3
10.	**Physical volume index, price index and value index** • Weighted aggregate quantity index, • Weighted aggregate price index, • Value Index	2	Exercises from Grouped Indexes	3
11.	**Labor productivity index and seasonal index** • Some special forms of aggregate indexes and their application • The average change rate - the geometric mean of the variable indices	2	Exercises from Labor productivity index and seasonal index	3
12.	**Trends** • Understanding of trends, • Their use • Linear trend	2	Exercises from Trends	3
13.	**Regression** • Understanding regression • Linear regression • Nonlinear regression	2	Exercises from Regression	3

	• Parabolic regression			
14.	**Practical Examples** • Pacification • Development • Realization of a Research	2	Exercises from Practical Examples	3
15.	**Preparation for EXAM**	2		3
	Review and Exercises		Review Exercises	

LITERATURE:
Rahmije Mustafa - Topxhiu: HYRJE NË STATISTIKË, Prishtinë, 2016
Prem S. Man, Introductory Statistics, Seventh Edition, John Wiley & Sons, 2010, USA,
AjetAhmeti, Statistikëpërbiznesdheekonomiks, 2016
Milan Papiq, Statistika e aplikuarnë MS Excel, përkthimngakroatishtja, KolegjiUniversitar "Victory". Prishtinë, 2007,

Remarks:
• The student should be mindful and respect the rules and the institution. • Must observe the schedule of lectures, exercises, and be attentive to the lesson. • It is mandatory to have a test ID. • When designing works, the student must adhere to the instructions provided by the teacher. • Do not use mobile phones during the test hours.