

SYLLABUS

Basic data of the subject			
Academic Unit:	Faculty of Tourism and Environment		
Course Title:	Statistics for Business		
Level:	Bachelor		
Course Status:	Obligatory		
Year of study:	I		
Number of hours per week:	3		
Credits - ECTS:	5		
Time / location:			
Teacher of the course:	Feride Qorrolli Lubishtani		
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Course Description:			
	This course will introduce students to the basics of statistics. Students will be introduced to data collection methods, statistical data analysis, data presentation, probability theories, reading distribution tables, hypothesis building, and basic knowledge about linear and nonlinear regressions. All units included in this course will be directly related to examples and discussions in the field of economics, micro and macroeconomics.		
Course Objectives:			
	The purpose of this course is to provide students with basic knowledge in the field of statistics, statistical analysis and application of statistics in business.		
Expected outcomes of learning:			
	<p><i>Upon successful completion of this module, students will be able to:</i></p> <ul style="list-style-type: none"> • Know the methods and techniques of data collection. • Determine the sample size and sample selection • Present and statistical analysis of data • Knows and applies probability theory 		
The contribution of the student's load (something that should be correspond with the result of the students learning)			
Activity	Hour	Day / week	Total
Lectures	2	15	30
Theoretical / laboratory exercises	1	15	15
Practical work			
Contacts with teacher / consultations	1	8	8
Field exercises			
Tests, seminars			

Homework	1	10	10
Self learning time of the student (at the library or at home)	2	15	30
Final preparation for the exam	2	15	30
Time spent on evaluation (tests, quiz, final exam)	2	1	2
Projects, presentations, etc.			
Total			125
Teaching methodology:			
	<i>Lectures and combined exercises and class discussions</i>		
Evaluation methods:			
	The final exam is evaluated with 90% of the grade. Participation and engagement in classes 10% of the grade. Total: 100%		
Literature			
Basic literature:			
	<ol style="list-style-type: none"> 1. Nuhui, R. dhe Shala, A., 1995, <i>Basics of statistics</i>, University of Pristina, Pristina. 2. Braha, N., 2006, <i>Basics of statistics</i>, Pristina 		
Additional literature:			
	<ol style="list-style-type: none"> 1. Anderson, D., Sweeney, D. And Williams, T., 2005, <i>Statistics</i>, (Titulli: Statistics for Business and Economics) PEGI, Tirana. 2. Kohler, H. (2002), <i>Statistics for Business and Economics</i>, Thomson Learning 		
Designed learning plan:			
Week	Topic that will be lectured		
<i>Week One:</i>	Syllabus presentation. Introduction to Statistics. The main concepts and application of statistics in business.		
<i>Week Two:</i>	The main elements of statistical analysis: mass phenomenon and samples. Types of statistical data.		
<i>Week Three:</i>	Determination of sample size, stratification and data collection techniques. Ways of collecting data, compiling questionnaires.		
<i>Week Four:</i>	Statistical analysis: arithmetic, harmonic, and geometric mean; median, moda.		
<i>Week Five:</i>	Statistical analysis: weighted averages and their application in business.		

Week Six	Indications of variation: standard deviation; dispersion; coefficient of variance; dispersion coefficient; relative variance.
Week Seven:	Frequencies, Relative frequency, percentage frequency
Week Eight:	Presentation of statistical data: the main rules for the presentation of data.
Week Nine:	Indices and other economic indicators I
Week Ten:	Indices and other economic indicators II: application of indices in business.
Week Eleven:	Probability theory: basic notions; probability of one and many events.
Week Twelve:	Probability theory: basic notions; probability of one and many events.
Week Thirteen:	Normal distribution
Week Fourteen:	Dynamic analysis, trends and simple regression
Week Fifteen:	Repetition

Academic policies and rules of conduct:

Regular attendance, to maintain the peace and active engagement in dialogue during lectures and exercises is obligatory.