

SYLLABUS

Basic data of the subject	
Academic unit:	Faculty of Tourism and Environment
Title of the subject:	Statistics for business
Level:	Bachelor
Course Status:	Mandatory
Year of studies:	I
Number of hours per week:	4
Value of Credits - ECTS:	6
Course lecturer:	
Contact details:	@ushaf.net

Course description:	
	<i>This course will introduce students to the basis of statistics. Students will be introduced to the ways of data collection and analysis of data statistics displaying, theories of probability, reading the tables of distributions, hypotheses and basic knowledge regarding to linear and nonlinear equations. All units involved in this course will be connected directly with examples of discussions in the field of micro and macro economics.</i>
Objectives of the course:	
	<i>The aim of this course is to provide students with basic knowledge in the field of statistics, statistical analysis and application of statistics in business.</i>
Expected learning outcomes:	
	<p><i>Upon successful completion of this module, students will be able to:</i></p> <ul style="list-style-type: none"> <i>• know about methods and techniques of data collection,</i> <i>• make sampling size and sample selection,</i> <i>• make presentation and data statistical analysis,</i> <i>• recognize and apply statistical calculations as: average, median, mode, indexes and trends etc.</i>

Contribution to the student load (which must correspond with learning outcomes)			
Activity	Hour	Day/Week	In total
Lectures and exercises	4	15	60
Internship			
Contacts with teacher / consultations	1	1	1
Field exercises			
Midterm, seminars and projects.			
Homework			
Studying (at the library or at home)	4	15	60

Final preparation for the exam	6	3	27
Time spent on evaluation (tests, quiz and final exam)	2		2
Projects and presentations			
Total			150
Teaching methodology:			
	<i>Lectures and exercises combined with case study and discussions in the classroom.</i>		
Assessment methods:			
	<i>The final exam valued at 100% of the grade. The examination consists of questions for possible answers, open-ended questions, and a case study.</i>		
Literature			
Basic literature:	1. Nuhju, R. dhe Shala, A., 1995, <i>Bazat e Statistikës, Universiteti i Prishtinës, Prishtinë.</i>		
Additional literature:	2. Braha, N., 2006, <i>Bazat e Statistikës, Prishtinë</i> 3. Anderson, D., Sweeney, D. And Williams, T., 2005, <i>Statistika, libër i përkthyer (Titulli: Statistics for Business and Economics) PEGI, Tiranë.</i> 4. Kohler, H. (2002), <i>Statistics for Business and Economics, Thomson Learning.</i>		
Designed learning plan:			
Week	Lecture		
Week one:	Introduction to Statistics. The main concepts and application of statistics in the business. <i>Nuhju and Shala, 1995, Chapter 1.</i> <i>Anderson et al., 2005, Chapter 1.</i> <i>Pira and Berisha, fundamental mathematics for Economics and Business, 2011</i>		
Week two:	Main elements of statistical analysis: massive phenomenon and samples. Types of statistical data. <i>Nuhju and Shala, 1995, Chapter 2.</i> <i>Köhler, 2002, parts of Chapter 1.</i>		
Week three:	Determination of the sample size, stratification and techniques of data collection. Ways of collecting data, compilation of questionnaires. <i>Nuhju and Shala, 1995, chapter 10.</i> <i>Köhler, 2002, parts of Chapter 3.</i>		
Week four:	Statistical analysis: average arithmetic, harmonious, and geometric; average, mode. <i>Nuhju and Shala, 1995, Chapter 4.</i> <i>Anderson et al., 2005, Chapter 2 and 17.</i>		
Week five:	Statistical analysis: averages and their application in business. <i>Nuhju and Shala, 1995, Chapter 4.</i>		

	<i>Anderson et al., 2005, Chapter 2 and 17.</i>
Week six:	Frequencies; Relative frequency & Frequency in percentage <i>Nuhui and Shala, 1995</i>
Week seven:	Presentation of statistical data: Key regulations for submission of data. <i>Bigwood and spores, 2003.</i> <i>Pira and Berisha, fundamental mathematics for Economics and Business, 2011</i>
Week eight:	Indices and other economic indicators. <i>Nuhui and Shala, 1995, Chapter 5. The</i>
Week nine:	Indices and other economic indicators II: Application indices in business. <i>Nuhui and Shala, 1995, Chapter 5.</i>
Week ten:	Theory of probability: basic notions; probability of one and many events. <i>Nuhui and Shala, 1995, Chapter 8.</i> <i>Köhler, 2002, parts of Chapter 8.</i> <i>Anderson et al., 2005, part of the Chapter 4, 5, 6 and 7.</i> <i>Pira and Berisha, fundamental mathematics for Economics and Business, 2011</i>
Week eleven:	Theory of probability: basic notions; probability of one and many events. <i>Nuhui and Shala, 1995, Chapter 8.</i> <i>Köhler, 2002, parts of Chapter 8.</i> <i>Anderson et al., 2005, part of the Chapter 4, 5, 6 and 7</i>
Week twelve:	Normal Distribution <i>Nuhui and Shala, 1995, Chapter 4.</i> <i>Köhler, 2002, parts of Chapter 7.</i>
Week thirteen:	The variation indicators: Standard deviation; dispersion; the coefficient of variance; coefficient of dispersion; relative fluctuations. <i>Nuhui and Shala, 1995, Chapter 4.</i> <i>Köhler, 2002, parts of Chapter 7</i>
Week fourteen:	Analysis dynamic trends and simple linear regression <i>Nuhui and Shala, 1995, Chapter 6. The</i>
Week fifteen:	Repetitions

Academic policies and rules of conduct:

Students must have the necessary materials and attend lectures regularly. They are also expected to participate in various discussions and activities during lectures.