



Faculty of Business Administration
 Bachelor Program International Management
 Group: Management Basics
Module: Business Statistics

Module No. 1.2.1

Responsible: Prof. Dr. Bodo Sturm

Leipzig University of Applied Sciences

Semester	Winter	Summer	2nd semester			
ECTS credits		5				
Language	English					
Content	<p>This course provides an introduction into Statistics for business students. For prospective entrepreneurs, consultants and managers Statistics is essential in today's competitive environment. This course tries to close the existing gap between theory and practice by presenting statistical methods in a way they are both relevant and interesting to students. The basic descriptive and inductive statistical concepts are taught and applied to concrete real world problems. Core elements are:</p> <ul style="list-style-type: none"> - Displaying and Describing Categorical Data - Displaying and Describing Quantitative Data - Scatterplots, Association, and Correlation - Linear Regression - Randomness and Probability - Sampling Distributions and the Normal Model - Confidence Intervals for Proportions - Testing Hypothesis about Proportions - Confidence Intervals and Hypothesis Tests for Means 					
Learning objectives	<p>Successful students are able to</p> <ul style="list-style-type: none"> - understand basic descriptive and inductive statistical concepts, - apply general statistical concepts to real world problems 					
Preconditions for attendance	None					
Work load	<p>150 hours, including 56 hours attendance 91 hours self-study 3 hours examination</p>					
Preconditions for examination	Mid-term exam					
Forms of teachings and assessments	Teaching units	Weekly hours			Assessment	ECTS
		L	S	T		
		2	2		Written exam (90 min.)	5
Bibliography (latest editions apply)	Sharpe, N.R., De Veaux, R.R., Velleman, P.F.: Business Statistics, Pearson Education International.					
Study Program	Bachelor International Management					