

Description of individual course units

Course unit title	Statistics			
Programme	BA School of Business and Finance & SBS Swiss Business School Dual Degree Study Programme BF Finance/ BBA International Management			
Year of study	4th year			
Academic year	2013./2014.			
Level of course unit (e.g. first, second or third cycle)	First, Bachelor's study			
Course unit code	BFa012			
Name of lecturer(s)	Elchin Jafarov, Anžela Džafarova			
Credit points	4 CP			
Number of ECTS credits allocated	6 ECTS, Latvian credit points are multiplied by 1,5 to get ECTS credit points			
Language of instruction	English			
Type of course unit (compulsory, optional)	Compulsory			
Semester when the course unit is delivered	2			
Mode of delivery	face-to-face.			
Aim of Course	The aim of the course is to enable student to collect, store, access and complete basic data analysis for the purpose of efficient decision making in business and economics.			
Preliminary knowledge (prerequisites and co-requisites)	Students are expected to possess solid knowledge and skills in calculus.			
Course contents	<ol style="list-style-type: none"> 1. Overview of statistics 2. Data collection 3. Describing data visually 4. Descriptive Statistics 5. Probability 6. Discrete probability distributions 7. Continuous probability distributions 8. Sampling distributions and estimation 			
Planned learning activities and teaching methods	Teaching methods		Student work load (1 CP = 40 hours of student work)	
	Lectures		20 %	
	Practical works and tests		30%	
	Work at the library, independent study		50 %	
			Total 160 hours	
	Final course evaluation consists of 30% seminars and home works, 30% intermediate exam, 30% final exam, 10% attendance.			
Learning outcomes of the course unit	<ol style="list-style-type: none"> 1. Students understand statistical data collection methods. 2. Students are able to sort data and illustrate it graphically; students are able to calculate statistical database collations. 3. Students are able to independently analyze and assess situation in each specific case. 			
Assessment methods and criteria	Learning outcomes			
	The form of assessment	1.	2.	3.
	Seminars and home works	•	•	•
	Intermediate exam	•	•	•
	Final exam	•	•	•
Recommended or required reading	<u>Compulsory literature:</u> David P.Doane, Lori E.Seward (2013); <i>Applied statistics I Business and Economics</i> ; International Edition, 4th Edition. ISBN9780071317627.			

	<p><u>Recommended reading:</u></p> <ol style="list-style-type: none"> 1. David R. Anderson, Dennis J. Sweeney, Thomas A. Williams, Jeffrey D. Camm, James James J. Cochran (2013); <i>Statistics for Business & Economics</i>, 12th edition. ISBN 978-1133274537. 2. James T. McClave, P. George Benson, Terry Sincich; <i>Statistics for Business and Economics</i>, 11th Edition, ISBN 978-0321640116.
<p>Recommended optional programme components</p>	<p>To be agreed at the start of the course</p>

Names of Lecturers:

Elchin Jafarov
Anžela Džafarova