

**Requirements for the B.Sc. degree in "Applied Statistics"
For new Student 2002/2003**

Course #	Course Name		Course #	Course Name	
	1. University Requirements (24 Credits)			B. Partially Elective (6 Credits)	
	A. Compulsory (12 Credits)			The student selects 6 credits from:	
101	Arabic Language	3	230	Population Statistics	3
102	History of Arabic and Islamic Civilization	3	310	Stochastic Processes I	3
161	English I	3	330	National and International Statistics	3
162	English II	3	331	Statistical Quality Control	3
	B. Elective (12 Credits) *		344	Survival Analysis	3
	The student selects 4 courses from:		351	Simulation I	3
163	English III	3	423	Multivariate Analysis	3
173	English	3	430	Econometrics	3
103	Government & Politics of Kuwait	3		C. Elective (15 Credits)	
101	Introduction to Sociology	3		The student selects 15 credits from Stat &	
101	Principles of Statistics **	3		O.R. department or Math department,	
103	Principles of Philosophy	3		including at least 9 credits of Stat & O.R.	
101	Introduction to Psychology	3		courses from which at least 3 credits of 400	
102	Home Economics	3		level.	
110	Principals of Management for non-add.Science	3		-----	3
101	Philosophy of Science	3		-----	3
104	Palestinian Problem	3		-----	3
101	Scientific Research	3		-----	3
102	Islamic Culture	3		-----	3
101	Geography of Man & Environment	3			
173	Man anthropology	3		4. The Minor (24 Credits)	
				The student chooses a minor given in the	
190	C. Arabic Language (For foreigners only) ***	9		college or upon the approval of the chairman.	
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	2. College Requirements (12 Credits)			-----	3
101	Calculus I	3		-----	3
102	Calculus II	3		-----	3
111	Linear Algebra	3		-----	3
211	Calculus III	3		-----	3
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	3. Department Requirements (60 Credits)				
	A. Compulsory (39 Credits)			5. Free Elective (6 Credits)	
106	Statistical computing	3		Selected from any courses in the university	
210	Introduction to Probability	3		-----	3
240	Statistical Methods	3		-----	3
250	Operations Research I	3			
321	Theory of Statistics I	3		Total credits needed 126 credits	
333	Statistical Packages	3			
340	Non-Parametric Methods	3			
341	Regression Analysis	3			
342	Time Series Analysis	3			
343	Sampling Techniques	3			
421	Theory of Statistics II	3			
441	Experimental Design	3			
499	Research Project in Statistics	3			

* Any 100 level course from the Faculty of Science (other than the college requirements) can be considered in this group.

** Compulsory

*** The student taking this course will be exempted from some University requirements taught in Arabic up to 9 credit hours.

Note:

Math 115, Stat 102, Stat 202 and Stat 203 are not counted for Applied Statistics students.