

Requirements for the B.Sc. degree in "Applied Statistics"

Course #	Course Name	Course #	Course Name
1. University Requirements (24 Credits)			
A. Compulsory (15 Credits)			
101	Arabic Language	3	335 Statistical Computing II 3
102	History of Arabic and Islamic Civilization	3	340 Non-Parametric Methods 3
161	English I ¹	3	341 Regression Analysis 3
162	English II	3	342 Time Series and Forecasting 3
	History of Kuwait ¹	3	343 Survey Sampling 3
	B. Elective (9 Credits)²		421 Theory of Statistics II 3
	The student selects 4 courses from		435 Case Studies in Statistics 3
163	English III	3	441 Experimental Design 3
173	English	3	499 Research Project in Statistics 3
B. Partially Elective (6 Credits)			
103	Government & Politics of Kuwait	3	The student selects 6 credits from:
101	Introduction to Sociology	3	330 National and International Statistics 3
101	Principles of Statistics¹	3	331 Quality Control 3
103	Principles of Philosophy	3	344 Survival Analysis 3
101	Introduction to Psychology	3	423 Multivariate Analysis 3
102	Home Economics	3	430 Econometrics 3
110	Principals of Management for non-add Science	3	C. Elective (9 Credits)
101	Philosophy of Science	3	The student selects 9 credits from the Stat & O.R. department or the Math department, including at least 3 credits of 300 or 400 level Stat/OR courses
104	Palestinian Problem	3	_____
101	Scientific Research	3	_____
102	Islamic Culture	3	_____
101	Geography of Man & Environment	3	_____
173	Man Anthropology	3	_____
106	Computer Programming ¹	3	4. The Minor (24 Credits)
190	C. Arabic Language (For foreigners only) ³	9	The student chooses a minor given in the university upon the approval of the department.
2. College Requirements (12 Credits)			
101	Calculus I ¹	3	_____
102	Calculus II	3	_____
111	Linear Algebra	3	_____
211	Calculus III	3	_____
3. Department Requirements (60 Credits)			
A. Compulsory (45 Credits)			
210	Introduction to Probability	3	_____
240	Statistical Methods	3	_____
250	Operations Research I	3	_____
260	Statistical computing I	3	_____
310	Stochastic Processes I	3	_____
321	Theory of Statistics I	3	_____
5. Free Elective (6 Credits)			
Selected from any course in the university			

Total credits needed 126 credits			

¹ Compulsory

² Any 100 level course from the Faculty of Science (other than the college requirements) can be considered in this group.

³ 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 201, Stat 202 and Stat 203 are not counted for Statistics & O.R. students.