

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

Course #	Course Name	Course #	Course Name
1. University Requirements (27 credits)		3. Department Requirements (60 Credits)	
A. Compulsory (15 credits)		A. Compulsory (45 Credits)	
101	Arabic Language	3	210 Introduction to Probability 3
100	Modern and Continuing History of Kuwait	3	240 Statistical Methods 3
161	English 1 ¹	3	250 Operations Research I 3
162	English 2	3	260 Statistical Computing I 3
102	History of Islamic Civilization and Culture	3	310 Stochastic Processes I 3
B. Elective (12 credits)		321 Theory of Statistics I 3	
The student selects 3 credits from each group of skills for a total of 12 credits.		335 Statistical Computing II 3	
1. Human and Social Science Skills		340 Non-Parametric Statistics 3	
101	Introduction to Psychology	3	341 Regression Analysis 3
101	Introduction to Mass Communication Science	3	342 Time Series and Forecasting 3
201	Introduction to Education	3	343 Sampling Methods 3
136	Family Education	3	421 Theory of Statistics II 3
101	Introduction to Sociology	3	435 Case Studies in Statistics 3
171	Introduction to Anthropology	3	441 Experimental Design 3
2. Language and Communication Skills		499 Research Project in Statistics 3	
102	Aesthetics of Arabic Literature	3	B. Partially Elective (6 Credits)
100	Culture and Literature in Kuwait	3	The student selects 6 credits from the following.
104	Aesthetics of Quranic Style	3	330 National and International Statistics 3
180	Principles of Translation	3	331 Quality Control 3
173	Technical Writing	3	423 Multivariate Analysis 3
163	English 3	3	430 Theory Econometrics 3
3. National, Arab, and Islamic Cultural		444 Survival Analysis 3	
103	Government and Politics of Kuwait	3	C. Elective (9 Credits)
102	Islamic Culture	3	The student selects 9 credits from the Statistics and
142	Islam and modern society	3	Operations Research or Math department, including at
145	Islam and Issues of Science and technology	3	least 3 credits of 300 or 400 level Statistics &
105	Human Rights	3	Operations Research courses
102	Law Culture	3	_____ 3
108	Ethics and Modern Society	3	_____ 3
4. Cultural Pluralism Skills		_____ 3	
101	Philosophy of Science	3	4. The Minor (24 Credits)
103	Principles of Philosophy	3	The student chooses a minor given in the
102	Introduction to Logic	3	university upon the approval of the department.
110	Principles of Management	3	_____
105	Comparative Perspectives on Women and Politics	3	_____
104	Principles of Economy	3	_____
2. College Requirements (18 Credits)		_____	
101	Principles of Statistics¹	3	_____
106	Fortran	3	_____
101	Calculus I ¹	3	_____
102	Calculus II	3	_____
111	Linear Algebra	3	_____
211	Calculus III	3	_____
		Total credits needed 129 credits	

¹ Compulsory for specifying the major.

Note: Stat 102, Stat 104, Stat 105, Stat 201, Stat 202, Stat 203, stat 215, math 115 and 0490106 (Information and computer skills) are not counted for Statistics and Operations Research students.

Any 100 level courses from the College of Science (except those listed in the college requirements) can be counted as an elective university requirement.