COLLEGE OF ARTS AND SCIENCES
Department of Mathematical and Physical Sciences

Study Plan for Diploma in Statistics

Year	Course Code	Course Name	Pre-requisites	Credit Hours	Course Code	Course Name	Pre-requisites	Credit Hours
	Semester One (Pre-Major)				Semester Two			
1	ARAB100	Arabic Language I		3	ARAB101	Arabic Language II	ARAB100	3
	ENGL150	English Language I		3	ENGL152	English Language II	ENGL150	3
	HIST150	Islamic Civilization		3	MATH211	Calculus I	MATH116	4
	COMP101/L	Computer Skills	COMP A/B Digital Literacy	3	MATH145	Linear Algebra I	MATH116	3
	MATH116	Pre-Calculus		4	STAT101	Introduction to Statistics		4
			Semester Total	**16**			**Semester Total**	**17**
	Semester Three				Semester Four			
2	ENGL155	Communication Skills	ENGL152	3	STAT237	Statistics for Actuarial Science	STAT101	3
	COMP151/L	Introduction to Algorithms	COMP101/L	4	STAT266/L	Computational Techniques in Statistics	COMP101/L, STAT101	3
	STAT290	Statistical Methods	STAT101	3	STAT339	Regression Analysis	STAT266/L MATH145	3
	STAT212	Sampling Techniques	STAT101 MATH116	3	STAT352	Demographics and Health Care Statistics	STAT101	3
	MATH212	Calculus II	MATH211	3	STAT210	Principles of Probability	STAT101 MATH212	3
			Semester Total	**16**			**Semester Total**	**15**
	Semester Five							
3	STAT340	Probability Models in Decision Making	STAT210	3				
	STAT379	Applied Statistics	STAT290	3				
	STAT320	Mathematical Statistics	STAT210 MATH212	3				
			Semester Total	**9**				
	Grand Total: 73							