

Information Systems Program Curriculum 2018-2019

First Term

Course Code	Course Title	Credit	Theoretical	Tutorial	Lab.	Compulsory/Elective	Semester
GS101	Mathematics I	3	3	0			
GH121	English I	3	3	0			
GI131	Programming I	3	2	2			
GS111	General Physics	3	3	0			
GS162	Fundamentals of Information Technology						
Total Units		15					

Second Term

Course Code	Course Title	Credit	Theoretical	Tutorial	Lab.	Compulsory/Elective	Semester
GS102	Mathematics II	3	3	0			
GH122	English II	3	3	0			
GI132	Programming II	3	2	2			
GL242	Logical Design	3	2	2			
GS271	Introduction to Probability and Stats.	3	3	0			
GH151	Arabic Language	3	3	0			
Total Units		18					

Third Term

Course Code	Course Title	Credit	Theoretical	Tutorial	Lab.	Compulsory/Elective	Semester
GH223	English III	3	3	0			
GI213	Object Oriented Programming	3	2	2			
CN321	Introduction to Computer Networks	3	2	2			
IN112	Introduction to Internet Programming	3	2	2			
MM211	Introduction to Multimedia	3	2	2			
Total Units		15					

Fourth Term

Course Code	Course Title	Credit	Theoretical	Tutorial	Lab.	Compulsory/Elective	Semester
GS222	Linear Algebra	3	3	0			
GI222	Database I	3	2	0	2		
GI343	Computer Architecture	3	2	1			
SE210	Introduction to Software Engineering	3	3	0			
IS212	Introduction to Information Systems	3	3	0			
IN227	Web Programming I	3	2	0	2	Elective	
Total Units		18					

Fifth Terms

Course Code	Course Title	Credit	Theoretical	Tutorial	Lab.	Compulsory/Elective	Semester
IS328	Business Information Statistics	3	3	0			
CS381	Data Structures and Algorithms	3	2	0	2		
GS381	Numerical Analysis	3	3	0			
GS204	Discrete Math.	3	2	2			
GI391	Project Management	3	3	0			
Total Units		15					

Sixth Term

Course Code	Course Title	Credit	Theoretical	Tutorial	Lab.	Compulsory/Elective	Semester
GI344	Operating Systems	3	2	0	2		
IS324	Knowledge Management	3	3	0			
IS327	Solution Structuring and Management	3	3	0			
CS332	Analysis and Design of Information Systems	3	2	1			
IS322	Ethics in Information Systems	3	3	0			
	Elective Course	3				Elective	
Total Units		18					

Seventh Term

Course Code	Course Title	Credit	Theoretical	Tutorial	Lab.	Compulsory/Elective	Semester
IS422	Managerial Information Systems	3	3	0			
GH425	Research Methods	2	2	0			
IS423	Geographical Information Systems	3	3	0			
GH100	Arabic Language	2	0	0			
IS321	Business Application Improvement	3	2	0	2		
	Graduation Project Proposal						
	Elective Course	3				Elective	
Total Units		16					

Eighth Term

Course Code	Course Title	Credit	Theoretical	Tutorial	Lab.	Compulsory/Elective	Semester
IS421	Organization Resource Planning	3	3	0			
IS412	Internet Application Management	3	2	0	2		
CI100	Religious Culture	3	3	0			
IS411	Information System Security	3	2	0	2		
	Graduation Project	4					
Total Units		18					