

Old IS Program Curriculum Requirement (Curricula effective since First Semester 2008/2009)
 132 credit hours (8 Semesters)=
 27 Credit Hours (One year)
 + 105 Credit Hours (three years)

Level 1 (PY effective since 2008/2009)

Course Code	Course Name	Number of Credits	Pre-requisite
140TEC-3	Computer Skills	3	
140MATH-2	Introduction of Mathematics	2	
140SKL-2	Learning, Thinking and Research Skills	2	
140ENGG-2	English Language: Reading Skills	2	
141ENGG-2	English Language: Writing Skills	2	
142ENGG-2	English Language: Listening and Speaking Skills	2	
143ENGG-2	English Language: Grammars	2	
Total Number of Credits		15	

Level 2 (PY effective since 2008/2009)

Course Code	Course Name	Number of Credits	Pre-requisite
150MAN-1	Occupational Ethics	1	
150MATH-4	Algebraic Sciences	4	140MATH-2
150SKL-2	Communication Skills	2	
150ENGG-3	English Language: Speaking	3	
151ENGG-2	Report Writing	2	
Total Number of Credits		12	

Level 3

Course Code	Course Name	Number of Credits	Pre-requisite
111ISL-2	Introduction to Islamic Culture 1	2	
104PHYS-4	Principles of Physics	4	
111CSS-4	Programming Language 1	4	
106MATH-3	Introduction to Integration	3	
152MATH-3	Discrete Mathematics	3	
Total Number of Credits		16	

Level 4

Course Code	Course Name	Number of Credits	Pre-requisite
201ARAB-2	Arabic Skills	2	
101ACC-3	Accounting principles	3	
113CSS-4	Programming Languages 2	4	111CSS-4
324STAT-3	Probabilities and Engineering Statistics	3	
240CIS-3	Information Systems Analysis and Design	3	
342MATH-3	Linear Algebra	3	
Total Number of Credits		18	

Level 5

Course Code	Course Name	Number of Credits	Pre-requisite
112ISL-2	Introduction to Islamic Culture 2	2	
212CSS-3	Data Structures	3	113CSS-4

230CIS-3	Fundamental of Databases	3	
342CIS-3	Information Systems Engineering	3	240CIS-3
211GMAN-3	Principles of Management	3	
224CIS-3	Visual Programming	3	
202ARAB-2	Arabic Writing	2	
Total Number of Credits		19	
Level 6			
Course Code	Course Name	Number of Credits	Pre-requisite
227CSS-3	Operating Systems	3	
370CIS-3	Data Communication and Computer Networks	3	
113ISL-2	Islamic Culture 3	2	
335CIS-3	Database Management Systems	3	230CIS-3
351CIS-3	Information System Project Management	3	
324CIS-3	Modern Applications Development	3	342CIS-3
Total Number of Credits		17	
Level 7			
Course Code	Course Name	Number of Credits	Pre-requisite
491CIS-4	Project 1	4	342CIS-3
430CIS-3	Electronic Business	3	
410CIS-3	Information System Policies and Strategies	3	
440CIS-3	Multimedia Technologies	3	
420CIS-3	ICT Networks Administration	3	370CIS-3
337CIS-3	Database Management Systems Administration	3	230CIS-3
Total Number of Credits		19	
Level 8			
Course Code	Course Name	Number of Credits	Pre-requisite
114ISL-2	Islamic Culture 4	2	
492CIS-4	Project-2	4	491CIS-4
446CIS-4	Internet Applications Development	4	
450CIS-3	Decision Support Systems	3	
460CIS-3	Information Systems Security Administration	3	370CIS-3
Total Number of Credits		16	