



Guidance Plan for the Computer Information Systems Curriculum 2005 / 2006

Year	Semester	Module Number	Module Title	Prerequisites	Type of Requirements
First	First (18 Credit Hours)	110101	Arabic Skills (1)	----	(UR)
		130101	English Skills (1)	----	(UR)
		710101	Computer Skills (1)	----	(UR)
		710104	Computer Skills (2) for Science Colleges	----	(FR)
		210101	Mathematics (1)	----	(SR)
		210104	Discrete Structures	----	(SR)
	Second (18 Credit Hours)	130102	English Skills (2)	130101	(UR)
		712111	Windows Programming	710104	(FR)
		761161	Fundamentals of Information Technology	710101	(FR)
		210103	Mathematics for Computing	210101	(SR)
Second	First (18 Credit Hours)	111101	National Education	----	(UR)
		712272	World Wide Web: Concepts and Programming	710104	(FR)
		731151	Introduction to Information Systems	710101	(FR)
		711231	Computer Organization and Architecture	210103+750131	(DR)
		721281	Introduction to Software Engineering	710104	(DR)
		721211	Object Oriented Data Structures	721112	(DR)
	Second (18 Credit Hours)	111133	Culture and Civilization (1)	----	(UR)
		712271	Multimedia Systems	710104	(FR)
		751252	Fundamentals of Artificial Intelligence	710104	(FR)
		711232	Principles of Operating Systems	711231+721211	(DR)
760261	760261	Database Fundamentals	(721211 or concurrently)+210104	(DR)	
	760171	Personal Productivity with Information Systems Technology	731151+760161	(DR)	
Third	First (18 Credit Hours)	722282	Professional Issues in Computing and Information Technology	----	(FR)
		210231	Introduction to Statistics and Probabilities	----	(SR)
		750322	Design and Analysis of Algorithms	210103 + 721211	(DR)
		761321	Information Systems Theory and Practice	760171	(DR)
		760361	Information Systems Development Strategies	721281	(DR)
		761362	Analysis and Logical Design	750131	(DR)
	Second (15 Credit Hours)	-----	University Elective	----	(UR)
		750361	Systems Analysis and Design	721281+760261	(DR)
		760341	Networks and Telecommunication	711231	(DR)
		761371	Electronic Business Strategy (Architecture and Design)	760171	(DR)
760398	Practical Training	721281	(DR)		
Fourth	First (12 Credit Hours)	761461	Physical Design and Implementation in Emerging Environments	760261+761371	(DR)
		760462	Information Retrieval, Hypermedia and the Web	750131	(DR)
		760499	Graduation Project	760398	(DR)
		----	Department Elective 1	----	(DR)
	Second (15 Credit Hours)	111100	Military Sciences	----	(UR)
		760421	Information Security	711232	(DR)
		760463	Data Warehousing and Data Mining	750361	(DR)
		761471	Information Systems in Economy and Finance	761461	(DR)
----	Department Elective 2	----	(DR)		

(UR) University Req.

(FR) Faculty Req.

(DR) Dept. Req.

(SR) Supporting Req.

Date: 18/1/2006