



وزارة التعليم
Ministry of Education
043

جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY

المملكة العربية السعودية
Kingdom of Saudi Arabia

كلية علوم الحاسب وتقنية المعلومات | College of Computer Science and Information Technology

CIS Study Plan
Batch of 2022- 2023

Year	First Semester				Second Semester				Third Semester			
	Course #	Course Title	Prerequisite	Cr	Course #	Course Title	Prerequisite	Cr	Course #	Course Title	Prerequisite	Cr
1	820551	General English Language		IP	820551	General English Language		IP	820551	General English Language		7
	667593	Math I		5	668130	Math II	667593	5	667459	Calculus 1	668130	4
	820553	Learning and Communication Skills		3	928639	Creed and Family in Islam		2	926172	English for Academic and Specific Purpose		4
	928640	Arabic Language Skills		2					926186	Introduction to Programming		4
	Total				10	Total				23		

	First Semester				Second Semester				
	Course #	Course Title	Prerequisite	Cr	Course #	Course Title	Prerequisite	Cr	
2	670238	Fundamentals of Information Systems		3	670241	Fundamentals of Programming	670237	3	
	670237	Introduction to Computing		3	670242	Electronics	667501	4	
	667459	Calculus 2		3	670244	Introduction to Statistics and Probability Theory	667459	3	
	667501	Physics		4	667409	Biology		4	
	928641	History and Civilization of KSA		2	928642	Islamic Ethics and Values		2	
	Total				15	Total			
	First Semester				Second Semester				
	Course #	Course Title	Prerequisite	Cr	Course #	Course Title	Prerequisite	Cr	
3	670247	Technical Reports		2	670246	Data Structure	670241	2	
	670250	Discrete Mathematics	670244	3	670253	Database Concepts and Design	670238	3	
	670245	Object Oriented Programming 1	670241	3	670251	Object Oriented Programming 2	670245	3	
	670249	Digital Hardware	670242	3	928097	IT Infrastructure Management	670278	3	
	670278	Communication and Network Fundamentals	670238	3	928098	Principles of Management		3	
	670258	Professional Responsibility		2	929173	Entrepreneurship		2	
	Total				16	Total			



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4	First Semester				Second Semester			
	Course #	Course Title	Prerequisite	Cr	Course #	Course Title	Prerequisite	Cr
	670252	Operating Systems	670249	3	928102	Enterprise Architecture	928097	3
	928099	Data and Information Management	670253	3	670263	Human Computer Interaction	670238	3
	928100	System Analysis and Design	670238	3	670264	Web Based Systems	670238	3
	928101	Fundamentals of Business	928098	3	928103	Organizational Behavior	928098	3

	670259	IT Project Management	928098	3	670261	Computer Data Security and Privacy	928097	3	
Total				15	Total				15

5	Summer	Cooperative Field Training (COOP)						3
First Semester				Second Semester				
Course #	Course Title	Prerequisite	Cr	Course #	Course Title	Prerequisite	Cr	
670266	Project Proposal	928100, 670259	2	670269	Project Implementation	670266	3	
670267	Software Quality Assurance	670241	3	928107	Organizational Performance Management	928098	3	
928105	Business Strategy	928098	3		Elective Course		3	
670265	Information Systems Management	670238	3					
	Elective Course		3					
Total			14	Total			9	
TOTAL CREDITS 152								



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Electives							
First Semester				Second Semester			
670271	Object Oriented Analysis and Design		3	670276	Distributed and Mobile Database		3
670273	Decision Support and Expert Sys		3	670277	Knowledge Management and Information Retrieval		3
670287	Data Mining and Warehousing		3	670291	Mobile Application Programming	670251	3
670275	Object Oriented Database		3	928194	Business Process Management		3
670285	Modeling and Simulation	670250	3	928195	IS Innovation and Modern Technologies		3
926798	Information System Audit		3				