



Semester One (IS)	Course Code	Course Name	Credit Hours	Prerequisites
	CS 114	Discrete Structures 1	3	N/A
	CS 150	Introduction to Computer Programming	4	N/A
	ENG 140	English Language 1	3	N/A
	MATH 113	Calculus I	4	N/A
	QUR 101	The Holy Qur'an 1	1	N/A

Semester Two (IS)	Course Code	Course Name	Credit Hours	Prerequisites
	CS 125	Digital Design	4	CS 114
	CS 151	Object Oriented Programming	4	CS 150
	IS 201	Foundations of Information Systems	3	CS 114
	QUR 151	The Holy Qur'an 2	1	N/A
	PHY 103	General Physics	3	N/A

Semester Three (IS)	Course Code	Course Name	Credit Hours	Prerequisites
	CS 252	Data Structures	4	CS 151, CS 114
	BUS 100	Introduction to Business Administration	3	N/A
	ENG 141	English Language 2	3	ENG 140
	ECO 105	Micro Economics Principles	3	N/A
	QUR 201	The Holy Qur'an 3	1	N/A



Semester Four (IS)	Course Code	Course Name	Credit Hours	Prerequisites
	PHY 104	Applied Physics	3	PHY 103, MATH 113
	ENG 210	Technical Writing	3	ENG 141
	IS 230	Business Requirement Analysis	3	IS 201
	STAT 111	Introduction to Probability and Statistics	3	MATH 113
	ARB 105	Arabic Grammar	2	N/A
	ACC 100	Accounting Principles	3	N/A

Semester Five (IS)	Course Code	Course Name	Credit Hours	Prerequisites
	IS 220	Introduction to Database	3	IS 230, CS 252
	CS 222	Operating Systems	4	CS 125, CS 252
	QUR 251	The Holy Qur'an 4	1	N/A
	MKT 301	Principles of Marketing	2	BUS 100
	IDE 133	Monotheism	2	N/A
	IS 350	Decision Support Systems	3	STAT 111

Semester Six Electives (IS)	Course Code	Course Name	Credit Hours	Prerequisites
	IS 352	Geographic Information Systems	3	IS 220
	IS 370	Human Computer Interaction	3	IS 220
	IS 372	User Experience	3	IS 220
	IS 323	Knowledge Management Systems	3	IS220, IS 350
	IS 354	Health Information Systems	3	IS 220
	IS 384	Selected Topics in IS	3	IS 220



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Semester Six (IS)	Course Code	Course Name	Credit Hours	Prerequisites
	CS 330	Computer Networks	4	CS 222
	IS 321	Database Management Systems	3	IS 220
	IS 335	System Analysis and Design	3	IS 220
	FIN 300	Principles of Finance	3	ACC 100
	HIS 102	History of The Kingdom	2	N/A

Semester Seven Electives (IS)	Course Code	Course Name	Credit Hours	Prerequisites
	IS 424	Database Administration	3	IS 321, IS 335
	IS 440	Data Mining	3	IS 335
	IS 442	Business Intelligence	3	IS 335
	IS 435	Software Quality and Testing	3	IS 335
	IS 385	Selected Topics in IS 2 in (Data Management Group)	3	IS 335

Semester Seven (IS)	Course Code	Course Name	Credit Hours	Prerequisites
	IS 336	IS Project Management	3	IS 335
	IS 380	Cyber Security	3	CS 330, IS 321
	IS 337	Application Development	3	IS 321
	DAW 129	Islamic Reformative Call	2	N/A



Semester Eight Electives (IS)	Course Code	Course Name	Credit Hours	Prerequisites
	IS 463	Change Management	3	IS 336
	IS 451	ERP Systems	3	IS 335, ACC 100
	IS 461	Business Process Management	3	IS 335, IS 336
	IS 487	Secure Electronic Commerce	3	IS 336
	IS 490	Selected Topics in IS 3	3	IS 335

Semester Eight (IS)	Course Code	Course Name	Credit Hours	Prerequisites
	IS 401	Business Communication	1	MKT 301, FIN 300
	IS 460	E-Business	3	IS 337, MKT 301
	IS 492	Information Security	3	IS 380
	IS 495	Graduation Project I	3	IS 336, IS 337

Semester Nine (IS)	Course Code	Course Name	Credit Hours	Prerequisites
	IS 410	Enterprise Architecture	3	IS 336
	IS 482	IS Strategy and Policy	3	IS 460
	IS 496	Graduation Project II	3	IS 495
	JR 200	Fiqh (Islamic Jurisprudence)	2	N/A

Sem. 10 (IS)	Course Code	Course Name	Credit Hours	Prerequisites
	IS 398*	Practical Training	9	IS 335, IS 321, CS 330, IS 350