

Degree Plan

Degree : Bachelor	Faculty : Computer Engineering & Sci	Plan hrs : 140
Semester : 451	Dept : Information Systems	Plan Type : Main
Edition : 8	Major : INS Information Systems	Gender : All

Group : إجبارية (27)

First					
code	Course Name	Hr.	requisite	Year.	Activities Desc
PHYS1010	General physics(I)	4	-	-	lecture (3), lecture (3), lecture (3), practical (1), practical (1), practical (1), exercise (1), exercise (1), exercise (1)
MATH1050	Differential calculus	3	-	-	lecture (3), lecture (3), exercise (2), exercise (2)
ENGL1210	Reading Skills	3	-	-	lecture (3), lecture (3), exercise (3), exercise (3)
ENGL1220	Writing Skills	3	-	-	lecture (3), lecture (3), exercise (3), exercise (3)
Total					13

Second					
ARAB101	Language Skills	2	-	-	lecture (2)
MATH1060	Integral calculus	3	-	-	lecture (3), lecture (3), exercise (0), exercise (2)
ENGL1230	Conversation and listening skills	3	-	-	lecture (2), lecture (3), practical (1), exercise (3)
CT 1400	Computer Skills	3	-	-	lecture (2), practical (1)
MC 1400	Communication Skills	2	-	-	lecture (2), lecture (2)
eng 1604	English for Technical Purposes	3	-	-	lecture (3), lecture (3), lecture (3), practical (3), exercise (3), exercise (3)
Total					16

Third					
CE 1111	Logic Design	3	-	-	lecture (3), lecture (3), exercise (1), exercise (1)
CS 1112	Discrete Mathematics	4	-	-	lecture (4), lecture (4), exercise (1)
CS 1301	Computer Programming 1	4	-	-	lecture (3), exercise (2)
MATH2220	Linear Algebra for Computer Students	3	-	-	lecture (3), lecture (3), exercise (1), exercise (1)
Total					14



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Forth

code	Course Name	Hr.	requisite	Year	Activities Desc
ARAB103	Arabic Editing	2	-	-	lecture (2)
STAT1050	Probability and Statistics for Computer Students	3	-	-	lecture (3), lecture (3), lecture (3), practical (0), exercise (1), exercise (1), exercise (1)
IS 2121	Fundamentals of Information Systems	3	-	-	lecture (3)
CS 2301	Computer Programming 2	4	CS 1301 - S	-	lecture (3), exercise (2)
IS 2511	Fundamentals of Database Systems	3	-	-	lecture (2), lecture (2), lecture (2), practical (1), practical (1), exercise (1), exercise (2)
CE 3761	Computer Network Systems	3	-	-	lecture (3)
Total					18

Fifth

IS 2010	Introduction to business	2	-	-	lecture (2)
CS 2321	Algorithms and Data Structures	3	CS 1301 - S	-	lecture (3), lecture (3), exercise (1)
IS 3311	Quantitative Analysis	3	STAT1050 - S	-	lecture (2), exercise (1)
IS 3511	Database Management Systems	4	IS 2511 - S	-	lecture (2), lecture (2), practical (1), exercise (2)
IS 3611	Systems Analysis and Design	4	IS 2121 - S	-	lecture (3), lecture (2), practical (1), exercise (2)
Total					16

Sixth

ACCT103	Principles of Financial Accounting	3	-	-	lecture (3), lecture (3), exercise (1)
IS 3641	IS Projects Management	4	-	-	lecture (3), lecture (2), practical (1), exercise (2)
CS 3701	Operating Systems	3	CS 2321 - S	-	lecture (3), lecture (3), exercise (1)
IS 4811	Data Science Basics	4	-	-	lecture (2), exercise (2)
IS 4904	Web and mobile applications development	4	-	-	lecture (3), lecture (2), practical (1), exercise (2)
Total					18



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Seventh

code	Course Name	Hr.	requisite	Year	Activities Desc
IS 3401	Supply Chain Management	3	IS 2010 - S	-	lecture (3), lecture (3), exercise (0)
IS 4201	Enterprise Resource Planning Systems	3	IS 2121 - S	-	lecture (2), lecture (3), practical (1)
IS 4571	Data Mining	4	IS 2511 - S	-	lecture (3), lecture (2), practical (1), exercise (2)
IS 4901	Field Traning	3	-	-	training (3)
IS 4911	Graduation Project I	3	-	-	lecture (3), project (3)
Total					16

Eighth

CS 3801	Fundamentals of Cyber Security	3	-	-	lecture (3)
IS 4241	Digital Business	3	-	-	lecture (3)
IS 4601	IS Strategy and Management	3	IS 3611 - S	-	lecture (3)
IS 4905		3	-	-	lecture (3)
IS 4921	Graduation Project 2	3	IS 4911 - S	-	lecture (3), project (3)
Total					15



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Group : إختيارية (8)

code	Course Name	Hr.	requisite	Year.	Activities Desc
IC 101	Introduction of Islamic	2	-	-	lecture (2)
		Total			2
IC 102	The Islam and Society Building	2	-	-	lecture (2)
		Total			2
IC 103	The Foundation Of the Economic System in Islam	2	-	-	lecture (2)
		Total			2



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SE 1010	Emerging Digital	2	-	-	lecture (2)
IS 104	Foundations of the political system in Islam	2	-	-	lecture (2)
ISLM 106	Prophetic Biography	2	-	-	lecture (2)
IS 2011	PRINCIPLES OF MARKETING	3	-	-	lecture (3)
CS 3101	Seminar in Undergraduate Advanced Research	2	-	-	lecture (2)
IS 3101	Enterprise Architecture	3	IS 2121 - S	-	lecture (3)
IS 4211	Knowledge Based Systems	3	-	-	lecture (2), lecture (2), practical (1), exercise (2)
IS 4221	Knowledge Management	3	-	-	lecture (2), lecture (2), practical (1), exercise (2)
IS 4251	Decision Support Systems	3	IS 3401 - S	-	lecture (2), lecture (2), practical (1), exercise (2)
IS 4501	Introduction to Data Center	3	-	-	lecture (2), lecture (3), practical (1)
IS 4511	Database Administration	3	IS 3511 - S	-	lecture (2), lecture (2), practical (1), exercise (2)
IS 4591	Data Warehouse	3	IS 3511 - S	-	lecture (2), lecture (2), practical (1), exercise (2)
IS 4631	IT Audit and Controls	3	-	-	lecture (3)
IS 4701	Business process management	3	-	-	lecture (2), lecture (3), practical (1)
IS 4711	Innovation and entrepreneurship in IS	3	IS 2121 - S	-	lecture (3)
IS 4731	IoT applications and systems	3	-	-	lecture (2), lecture (2), practical (1), exercise (2)
IS 4801	Health informations	3	-	-	lecture (2), lecture (2), practical (1), exercise (2)
CS 4881	Computer Forensics and Investigations	3	CS 3801 - S	-	lecture (2), lecture (2), practical (1), practical (1)
CS 4891	Disaster Recovery Planning	3	CS 3801 - S	-	lecture (3)
IS 4981	Special Topics in Information Systems	4	-	-	lecture (2), exercise (2)
Total					57