



## Degree Plan

Degree : Bachelor	Faculty : Computer Engineering & Sci	Plan hrs : 195
Semester : 441	Dept : Information Systems	Plan Type : Main
Edition : 7	Major : INS Information Systems	Gender : All

Group : إجبارية ( 42 )

First					
code	Course Name	Hr.	requisite	Year.	Activities Desc
MATH 1050	Differential calculus	4	-	-	lecture (2), exercise (2), lecture (2), exercise (2)
ENGL 1210	Reading Skills	5	-	-	lecture (2), exercise (3), lecture (2), exercise (3)
ENGL 1220	Writing Skills	5	-	-	lecture (2), exercise (3), lecture (2), exercise (3)
Total					14

Second					
ARAB101	Language Skills	2	-	-	lecture (2)
MATH 1060	Integral calculus	4	MATH 1050 - S	-	lecture (2), exercise (2), lecture (2), exercise (2)
ENGL 1230	Conversation and listening skills	5	-	-	lecture (2), exercise (3), lecture (2), exercise (3)
CT 1400	Computer Skills	3	-	-	practical (1), lecture (2)
Total					14

Third					
PHYS 1010	General physics(I)	5	-	-	lecture (3), practical (1), exercise (1), lecture (3), practical (1), exercise (1)
MC 1400	Communication Skills	2	-	-	lecture (2), lecture (2)
ENG 1604	English for Technical Purposes	5	-	-	lecture (4), practical (1)
ENG 1606	English for Academic Purposes	4	-	-	lecture (2), exercise (2), lecture (4), exercise (2)
Total					16

Forth					
SE 1010	Emerging Digital Technologies	2	-	-	lecture (2)
CS 1112	Discrete Mathematics	4	-	-	lecture (4)
CS 1301	Computer Programming 1	5	-	-	lecture (3), practical (2)
MATH 2220	Linear Algebra for Computer Students	4	-	-	lecture (4)
Total					15



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Fifth					
code	Course Name	Hr.	requisite	Year.	Activities Desc
STAT 1050	Probability and Statistics for Computer Students	4	-	-	lecture (4)
CE 1111	Logic Design	4	-	-	lecture (4), exercise (1), lecture (4), exercise (1)
CS 2301	Computer Programming 2	5	CS 1301 - S	-	lecture (3), practical (2)
IS 2511	Fundamentals of Database Systems	4	-	-	lecture (3), practical (1)
Total					17

Sixth					
ARAB103	Arabic Editing	2	-	-	lecture (2)
IS 2010	Introduction to business	3	-	-	lecture (3)
IS 2121	Fundamentals of Information Systems	3	-	-	lecture (3)
CS 2321	Algorithms and Data Structures	4	CS 1301 - S	-	lecture (4), exercise (1), lecture (4), exercise (1)
IS 3311	Quantitative Analysis	4	STAT 1050 - S	-	lecture (4)
Total					16

Seventh					
ACCT 103	Principles of Financial Accounting	5	IS 2010 - S	-	lecture (4), exercise (1), lecture (4), exercise (1)
IS 2011	PRINCIPLES OF MARKETING	2	IS 2010 - S	-	lecture (2)
IS 3101	Enterprise Architecture	3	IS 2121 - S	-	lecture (3)
IS 3511	Database Management Systems	4	IS 2511 - S	-	lecture (2), practical (1), lecture (2), exercise (2)
IS 3611	Systems Analysis and Design	4	IS 2121 - S	-	lecture (3), practical (1), lecture (2), exercise (2)
Total					18

Eighth					
IS 3641	IS Projects Management	4	-	-	lecture (3), practical (1), lecture (2), exercise (2)
CS 3701	Operating Systems	4	CS 2321 - S	-	lecture (4)
CE 3761	Computer Network Systems	4	-	-	lecture (4)
IS 4811	Data Science Basics	3	-	-	lecture (2), practical (1)
Total					15

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## Ninth

code	Course Name	Hr.	requisite	Year.	Activities Desc
IS 3401	Supply Chain Management	4	IS 2010 - S	-	lecture (4)
CS 3801	Fundamentals of Cyber Security	4	-	-	lecture (4)
IS 4201	Enterprise Resource Planning Systems	3	IS 2121 - S	-	lecture (2), practical (1)
IS 4601	IS Strategy and Management	3	IS 3611 - S	-	lecture (3)
<b>Total</b>					<b>14</b>

## Tenth

CS 3101	Seminar in Undergraduate Advanced Research	2	-	-	lecture (2)
IS 4511	Database Administration	4	-	-	lecture (3), practical (1)
IS 4571	Data Mining	4	IS 2511 - S	-	lecture (3), practical (1), lecture (2), exercise (2)
IS 4904	Web and mobile applications development	4	-	-	lecture (3), practical (1), lecture (2), exercise (2)
IS 4905		3	-	-	lecture (3)
<b>Total</b>					<b>17</b>

IS 4241	Digital Business	4	-	-	lecture (3), practical (1)
IS 4911	Graduation Project I	3	CS 3101 - S	-	lecture (3), project (3)
<b>Total</b>					<b>7</b>

IS 4711	Innovation and entrepreneurship in IS	4	-	-	lecture (4)
IS 4902	field training	3	-	-	practical (3)
IS 4921	Graduation Project 2	3	IS 4911 - S	-	lecture (3), project (3)
<b>Total</b>					<b>10</b>



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Group : حزمة ( 8 )

First					
code	Course Name	Hr.	requisite	Year	Activities Desc
IC 101	Introduction of Islamic Culture	2	-	-	lecture (2)
Total					2
Forth					
IC 102	The Islam and Society Building	2	-	-	lecture (2)
Total					2
Seventh					
IC 103	The Foundation Of the Economic System in Islam	2	-	-	lecture (2)
Total					2
IC 104	Foundations of the political system in Islam	2	-	-	lecture (2)
ISLM 106	Prophetic Biography	2	-	-	lecture (2)
Total					4



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Group : إختيارية ( 12 )

IS code	Course Name	Hr.	IS prerequisite	Year	Activities Desc
IS 4211	Knowledge Based Systems	4	IS 2121 - S	-	lecture (3), practical (1)
IS 4231	Decision Support Systems	4	IS 2121 - S	-	lecture (3), practical (1)
IS 4501	Introduction to Data Center	4	-	-	lecture (4)
IS 4591	Data Warehouse	4	IS 3511 - S	-	lecture (3), practical (1)
IS 4631	IT Audit and Controls	4	IS 3611 - S	-	lecture (4)
IS 4701	Business process management	4	-	-	lecture (3), practical (1)
IS 4731	IoT applications and systems	4	-	-	lecture (3), practical (1)
IS 4801	Health informations	4	-	-	lecture (3), practical (1)
CS 4881	Computer Forensics and Investigations	4	CS 3801 - S	-	practical (1), lecture (3)
IS 4891	Disaster Recovery Planning	4	CS 3801 - S	-	lecture (4)
IS 4981	Special Topics in Information Systems	4	-	-	lecture (3), practical (1)
<b>Total</b>					<b>48</b>

Free Hrs. : 2