



Study Plan

faculty (Faculty of Computer Science and Information Technology) dept (Computer Science) major (Computer Science) - Ba

First - Compulsory

Code	course Name	N	A	T	H	Prerequisite
SLM101-2	Islamic Culture I	2	0	0	2	
COMP111	Introduction to Computing	2	2	0	3	
ENGL101-4	English 1	12	0	0	4	
Total						9

Second - Compulsory

Code	course Name	N	A	T	H	Prerequisite
MATH105	Calculus	4	0	0	4	
COMP112	Programming 1	2	2	0	3	
ARB102-2	Arabic Writing	2	0	0	2	
ENGL102-4	English 2	12	0	0	4	ENGL101-4
Total						13

Third - Compulsory

Code	course Name	N	A	T	H	Prerequisite
MATH106	Matrix Algebra	3	0	0	3	
MATH107	Discrete Mathematics	3	0	0	3	
ENGL103-4	English 3	12	0	0	4	ENGL102-4
Total						10

Fourth - Compulsory

Code	course Name	N	A	T	H	Prerequisite
COMP213	Programming 2	2	2	0	3	
PHYS204	Principles of Physics 1	3	2	0	4	
ITEC211	Database Concepts and Design	2	2	0	3	
Total						10

Fifth - Compulsory

Code	course Name	N	A	T	H	Prerequisite
SLM102-2	Islamic Culture II	2	0	0	2	
COMP214	Object Oriented Programming	2	2	0	3	
PHYS205-3	Principles of Physics (2)	2	2	0	3	
ITEC212	Database Management Systems	2	2	0	3	
Total						11

Sixth - Compulsory

Code	course Name	N	A	T	H	Prerequisite
MATH262	Statistics and Probability	3	0	0	3	
COMP231	Digital Design	2	2	0	3	
ITEC251	Data Communication & Computer Networks	2	2	0	3	
Total						9

Seventh - Compulsory

Code	course Name	N	A	T	H	Prerequisite
MATH326-3	Linear Algebra	3	0	0	3	
COMP315	Web Programming	2	2	0	3	
COMP321	Data Structures & Algorithms	2	2	0	3	
COMP332	Computer Architecture	2	2	0	3	
Total						12

Eighth - Compulsory

Code	course Name	N	A	T	H	Prerequisite
COMP316-3	Principles of Programming languages	2	2	0	3	
COMP324	Graph Theory and Applications	2	2	0	3	
COMP333	Operating Systems	2	2	0	3	
ITEC321	Human-Computer Interaction	2	2	0	3	
Total						12

Ninth - Compulsory

Code	course Name	N	A	T	H	Prerequisite
COMP322-3	Design and Analysis of Algorithm	2	2	0	3	
COMP323	Computer Security and Privacy	2	2	0	3	
COMP371-3	Software Engineering	2	2	0	3	
Total						9

Tenth - Compulsory

Code	course Name	N	A	T	H	Prerequisite
COMP434-3	Parallel and Distributed Computing	2	2	0	3	COMP332
COMP441-3	Artificial Intelligence	2	2	0	3	
COMP453-3	Data Science	2	2	0	3	
Total						9



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- Compulsory						
Code	course Name	N	A	T	H	Prerequisite
COMP417	Enterprise Application Development	2	2	0	3	
COMP452	Cloud Computing	2	2	0	3	
COMP454-3	Data Mining	2	2	0	3	
Total						9

- Compulsory						
Code	course Name	N	A	T	H	Prerequisite
COMP451-3	Data Modeling and Simulation	2	2	0	3	
COMP461	Computer Graphics	2	2	0	3	
COMP472-3	Software Project Management	2	2	0	3	
COMP481-3	Cooperative Training	3	0	0	3	
Total						12

- Compulsory						
Code	course Name	N	A	T	H	Prerequisite
COMP43-1		2	2	0	3	
COMP525-3	Cryptography	2	2	0	3	
COMP555-3	Mobile Computing	2	2	0	3	
COMP593-1	Seminar	1	0	0	1	
Total						10

- Compulsory						
Code	course Name	N	A	T	H	Prerequisite
COMP535	Theory of Computation	2	2	0	3	
COMP582-3	Graduation Project Phase - 1	3	0	0	3	
COMP591	Computer and Professional Ethics	2	0	0	2	
COMPب3-5		2	2	0	3	
Total						11

- Compulsory						
Code	course Name	N	A	T	H	Prerequisite
COMP556	Internet of Things (IoT)	2	2	0	3	
COMP583	Graduation Project Phase - 2	3	0	0	3	
COMP592	Entrepreneurship and Innovation	2	0	0	2	
COMP511	Elective – 3	3	0	0	3	
COMPج3-5		2	2	0	3	
Total						14

Total : 160