

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
CSC101-3	Introduction to Computer	2	2	0	3	
SLM101-2	Islamic Culture I	2	0	0	2	
ENGL101-4	English 1	12	0	0	4	
Total						9

Second - Compulsory

Code	course Name	N	A	T	H	Prerequisite
100MATH-3	Mathematics	3	0	0	3	
SLM102-2	Islamic Culture II	2	0	0	2	
ENGL102-4	English 2	12	0	0	4	
Total						9

Third - Compulsory

Code	course Name	N	A	T	H	Prerequisite
102MATH-3	Matrix Algebra	3	0	0	3	100MATH-3
SLM103-2	Islamic Culture III	2	0	0	2	
011COMP-3	Programming 1	2	2	0	3	
ENGL103-4	English 3	12	0	0	4	
Total						12

Fourth - Compulsory

Code	course Name	N	A	T	H	Prerequisite
112COMP-3	Programming 2	2	2	0	3	011COMP-3
201PHYS-4	Principles of Physics	3	2	0	4	
111INFS-3	Introduction to Information System	3	2	0	3	
Total						10

Fifth - Compulsory

Code	course Name	N	A	T	H	Prerequisite
201MATH-3	Differentiation & Integration	3	0	0	3	100MATH-3
SLM104-2	Islamic Culture IV	2	0	0	2	
ARB101-2	Arabic Language Skills	2	0	0	2	
Total						7

Sixth - Compulsory

Code	course Name	N	A	T	H	Prerequisite
206MATH-3	Discrete mathematics	3	0	0	3	102MATH-3
114COMP-3	Programming of Statistics & Probabilities	2	2	0	3	
151COMP-3	Computational Geometry	2	2	0	3	
ARB102-2	Arabic Writing	2	0	0	2	
Total						11

Seventh - Compulsory

Code	course Name	N	A	T	H	Prerequisite
213CNET-3	Computer Organization & Architecture	2	2	0	3	
213COMP-3	Object Oriented Programming	2	2	0	3	112COMP-3
221COMP-3	Algorithms & Data Structures 1	2	2	0	3	
252COMP-3	Data Modeling & Simulation	2	2	0	3	
Total						12

Eighth - Compulsory

Code	course Name	N	A	T	H	Prerequisite
111CNET-3	Digital Logic	2	2	0	3	
241COMP-3	Artificial Intelligence	2	2	0	3	
221INFS-3	Database Systems 1	2	2	0	3	111INFS-3
Total						9

Ninth - Compulsory

Code	course Name	N	A	T	H	Prerequisite
222COMP-3	Algorithms & Data Structures 2	2	2	0	3	221COMP-3
231COMP-3	Operating System	2	2	0	3	
241INFS-3	Internet Technology	2	2	0	3	
Total						9



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Tenth - Compulsory							
Code	course Name	N	A	T	H	Prerequisite	
315CNET-3	Microprocessor & Assembly Language	2	2	0	3	213CNET-3	
331CNET-3	Computer Networks	2	2	0	3		
323COMP-3	Analysis & Design of Algorithms	2	2	0	3	222COMP-3	
OO3COM-P-3	Elective 1	2	2	0	3		
Total						12	

- Compulsory							
Code	course Name	N	A	T	H	Prerequisite	
336COMP-3	Computer Graphics	2	2	0	3		
390COMP-3	Summer Training	3	0	0	3		
323INFS-3	Data Warehousing & Data Mining	2	2	0	3	221INFS-3	
336INFS-3	Human Computer Interaction	3	2	0	3		
Total						12	

- Compulsory							
Code	course Name	N	A	T	H	Prerequisite	
442COMP-3	Artificial Neural Networks	2	2	0	3	241COMP-3	
433INFS-3	Software Project Management	2	2	0	3		
443INFS-3	Multimedia Applications	2	2	0	3		
Total						9	

- Compulsory							
Code	course Name	N	A	T	H	Prerequisite	
324COMP-3	Computer Data Security & Privacy	2	2	0	3		
332COMP-3	Advanced Operating Systems	2	2	0	3		
334INFS-3	Software Engineering	2	2	0	3		
Total						9	

- Compulsory							
Code	course Name	N	A	T	H	Prerequisite	
426CNET-3	Mobile Computing	2	2	0	3		
433COMP-3	Theory of Compilers	2	2	0	3		
OO4COM-P-3	Elective 2	2	2	0	3		
Total						9	

- Compulsory							
Code	course Name	N	A	T	H	Prerequisite	
495COMP-3	Final Project	3	0	0	3		
452INFS-3	Computer Ethics & Society	3	2	0	3		
Total						6	

Total : 145