

Computer Science Curriculum

Year One (Fresh)

Semester 1				
NO.	Course Code	Pre-Req	Course Title	Hours
1	ICS1101	-	Introduction to Computer Science	4
2	ENG1102	-	Essential English I	3
3	ISS1103	-	Islamic Study I	2
4	MAT1104	-	Pre-calculus	3
5	BUS 1105	-	Principles of Business	3
6	CS1106	-	Programming With C	3
TOTAL CREDIT HOURS				18
Semester 2				
NO.	Course Code	Pre-Req	Course Title	Hours
1.	CS 1207		Web Design(HTML/CSS)	3
2.	Eng 1208		English Essential II	3
3.	MTH 1209		Calculus	3
4.	CS1210		Object Oriented programming with C++	3
5.	COM1211		Communication skills	3
6.	BN2112		Basic Networking	3
7.	ISL113	CS113	Islamic Study II	2
TOTAL CREDIT HOURS				21

Year Two (sophomore)

Semester 1				
NO.	C.Code	Pre-Re	Course Title	Hours
1.	CS2114	CS116	Basic Networking	4
2	CS2115	CS116	Visual Basic .NET I	4
3	CS2116	-	Database Management Systems DBMS	2
4	CS2117	CS111	Operating System	3
5	CS2118	ISL112	Islamic Study III	3
6	CS2119		Digital Circuit	3
	MTH 2120		Exploring Math's	3
7	MTH 2121		Academic Writing Skills	3
TOTAL CREDIT HOURS				21
Semester 2				
NO.	C.Code	Pre-Req	Course Title	Hours
1	MUL2221		Multimedia System	4
2	MTH2222		Probability and Statistics	2
3	DSA2223		Data Structure and Algorithm	2
4	CS2224		Computer Hardware and maintenance	3
5	SHR2225		Islamic Study IV	2
6	DBS2226		DBMS-SQL server	4
TOTAL CREDIT HOURS				21

Year Three (Junior)

Semester 1				
NO.	C.code	Pre-Req	Course Title	Hours
1.	FC3127		Financial Accounting	3
2.	VB3128		VB.NET II	4
3.	CJ3129		Core Java	4
4.	PM3130		IT project management	2
5.	ISS3131		Islamic Study V	2
6.	SE3132		Software Engineering	3
TOTAL CREDIT HOURS				18
Semester 2				
NO.	C.code	Pre-Req	Course Title	Hours
1.	WEB3233		Advanced Web programming (PHP)	4
2.	ISS3234		Islamic Study VI	2
1.	MIS3235		Management Information System	3
3.	RS3236		Routing And Switching(CCNA)	3
4.	NA3237		Network Administration	2
6.	ASP3238		ASP.NET	4
TOTAL CREDIT HOURS				21

Year Four (Senior)

Semester 1				
No.	C.code	Pre-Req	Course Title	Hours
1.	WMC4139		Wireless and mobile communication	4
2.	RM4140		Research methodology	4
3.	RS4141		R & S CCNA II	
4.	RDB4142		RDMS Oracle	4
5.	COA4143		Computer Architecture	3
6.	ISS4144		Islamic Study VII	3
7.	ENT4145		Entrepreneurship	2
TOTAL CREDIT HOURS				18
Semester 2				
NO.	C.code	Pre-Req	Course Title	Hours
1	INA4246		Industrial Attachment	3
2	AJ4247		Advanced Java	4
3	ISS4248		Islamic Study VIII	2
4	NS4249		Network Security	4
5	TH4250		Theses and Final Project	6
TOTAL CREDIT HOURS				15