

CURRICULUM STRUCTURE

BACHELOR OF COMPUTER SCIENCE (COMPUTER NETWORK & SECURITY)

PROGRAM PENGAJIAN SEPARUH MASA, UTMSPACE

SEMESTER	CODE	COURSE	CREDIT	STATUS	PRE-REQUISITE
SEM 1	SCIS1013	Discrete Structure	3	K	N/A
	SCSJ1013	Programming Technique I	3	KM	N/A
	SCSR1013	Digital Logic	3	K	N/A
	TOTAL			9	
SEM 2	SCSD1513	Technology & Information System	3	K	N/A
	SCSI1113	Computational Mathematics	3	K	N/A
	SCSJ1023	Programming Technique II	3	KM	SCSJ1013
	TOTAL			9	
SHORT SEM	ULAB1112	English for Academic Communications	2	U	N/A
	UHAS1172	Malaysia Dynamic	2	U	N/A
	UICI1012	Islamic Civilisation & Asia Civilisation (TITAS)	2	U	N/A
	TOTAL			6	
SEM 3	SCSR1213	Network Communications	3	K	SCSR1013
	SCSD2613	System Analysis and Design	3	K	N/A
	SCSD2523	Database	3	K	N/A
	TOTAL			9	
SEM 4	SCSV1223	Web Programming	3	KM	N/A
	SCSJ2013	Data Structure and Algorithm	3	KM	SCSJ1023
	SCSR2033	Computer Organisation & Architecture	3	KM	N/A
	TOTAL			9	
SHORT SEM	UICI2032	Islamic and Current Issues	2	U	N/A
	ULAB2112	Advanced English for Academic Communications	2	U	ULAB1112
	UKQXxxx1/2	Co-curriculum I	1	U	N/A
	TOTAL			5	
SEM 5	SCSV2113	Human Computer Interaction	3	K	N/A
	SCSI2143	Probability & Statistical Data Analysis	3	K	N/A
	SCSJ2203	Software Engineering	3	K	SCSJ1013
	TOTAL			9	
SEM 6	SCSJ2154	Object Oriented Programming	4	KM	SCSJ1023
	SCSR2043	Operating Systems	3	K	SCSR2033
	SCSR2242 & SCSR2941	Computer Network & Lab	3	KM	SCSR1213
	TOTAL			10	
SHORT SEM	ULAB3xx2	Elective English Language	2	U	ULAB2112
	ULAxxx2	Elective Foreign Language	2	U	N/A
	UKQXxxx1/2	Co-curriculum II	1	U	N/A
	TOTAL			5	

STATUS : K - Kuliah; KM - Kuliah & Makmal; U - Umum; P - Project; LI - Latihan Industri; R - Report

CURRICULUM STRUCTURE

Page 2

**BACHELOR OF COMPUTER SCIENCE (COMPUTER NETWORK & SECURITY)
PROGRAM PENGAJIAN SEPARUH MASA, UTMSPACE**

SEMESTER	CODE	COURSE	CREDIT	STATUS	PRE-REQUISITE
SEM 7	SCSR3242 & SCSR3941	Inter Networking Technology & Lab	3	KM	SCSR2242, SCSR2941
	SCSJ3203	Computer Science Theory	3	K	N/A
	SCSJ3553	Artificial Intelligence	3	K	N/A
	TOTAL		9		
SEM 8	SCSR3413	Computer Security	3	K	N/A
	SCSR3443	Cryptography	3	K	SCSR3413
	SCSR3253	Network Programming	3	KM	SCSR1213, SCSJ1023
	TOTAL		9		
SHORT SEM	UHAS2XX2	Elective UHS	2	U	N/A
	TOTAL		2		
SEM 9	SCSR3104	Applications Development	4	K	SCSD2613 atau SCSJ2203, SCSJ2154
	SCSR3243	Netcentric Computing	3	KM	SCSR1213, SCSJ1023
	UCSD2762	Fundamental Entrepreneurship	2	U	N/A
	SCSD 3761	IT Entrepreneurship Seminar	1	K	N/A
	TOTAL		10		
SEM 10	SCSR3032	Computer Network & Security Project I	2	P	SCSR3104 dan telah menyelesaikan minimum 80 kredit
	SCSR4283	Network Analysis & Design Simulation	3	K	SCSR2242, SCSR2941
	SCSR4453	Network Security	3	KM	SCSR1213, SCSR3413
	TOTAL		8		
SEM 11	SCSJ4118	Industrial Training (HW)	8	LI	Telah menyelesaikan minimum 96 kredit
	SCSJ4114	Industrial Training Report	4	R	
	TOTAL		12		
SEM 12	SCSR4134	Computer Network & Security Project II	4	P	SCSR3032
	SCSJ3403	Special Topics in Network & Security	3	K	SCSR2242, SCSR2941, SCSR3413
	TOTAL		7		
TOTAL ALL CREDIT HOURS			128		

STATUS : K - Kuliah; KM - Kuliah & Makmal; U - Umum; P - Project; LI - Latihan Industri; R - Report

NOTA

Jadual ini telah disusun mengikut keutamaan kursus (menurut turutan semester dan tahun) yang perlu diambil oleh pelajar di sepanjang pengajian mereka. Ia hanyalah panduan untuk pelajar. Pelajar boleh mendaftar mana-mana kursus yang ditawarkan pada semester semasa dengan mengikut keutamaan turutan tersebut.