

STRUKTUR KURIKULUM
SCSP Cohort 2016/2017

YEAR 1							
SEMESTER 1				SEMESTER 2			
	Code	Course Name	Credit		Code	Course Name	Credit
	SCSP1513	Technology and Information Systems (WBL)	3		SCSJ1023	Programming Technique II	3
	SCSJ1013	Programing Technique I	3		SCSR1213	Network Communications	3
	SCSR1013	Digital Logic	3		SCSI2143	Probability & Statistical Data Analysis	3
	SCSI1013	Discrete Structure	3		SCSR1043	Operating Systems	3
	UICI1012	Islamic & Asian Civilization (TITAS)	2		ULAB1122	Academic English Skills	2
	UHAS1162	Arts, Customs & Belief of Malaysians (International Students)	2		UICI2022	Science, Technology & Human	2
	UHAS1172	Malaysia Dynamic					
	ULAM1112	Bahasa Melayu untuk Komunikasi (International Students)	2		UKQXxxx2	Co-Curriculum	2
	ULAx1122	Elective Foreign Language					
Total			18	Total			18

YEAR 2						
SEMESTER 1				SEMESTER 2		
Code	Course Name	Credit		Code	Course Name	Credit
SCSP2523	Database (WBL)	3		SCSJ2154	Object Oriented Programming	4
SCSP2613	System Analysis and Design (WBL)	3		SCSV2113	Human Computer Interaction	3
SCSJ2013	Data Structure and Algorithm	3		ULAB3162	English for Professional Purpose	2
SCSR2033	Computer Organization and Architecture	3		UHAK1032	Introduction to Entrepreneurship	2
ULAB2122	Advanced Academic English Skills	2		SCSD3761	Technopreneurship Seminar (WBL)	1
Elective Courses – Choose 1 (3 credits)				UICL2xx2	Elektif Perluasan Ilmu	2
SCSP2723	System Development Technology (WBL)	3		Elective Courses – Choose 1 (3 credits)		
SCSP2733	Multimedia Data Modelling (WBL)	3		SCSP2633	Information Retrieval	3
SCSP2413	Management Information Systems (WBL)	3		SCSP2753	Data Mining	3
Total		17		Total		17

YEAR 3						
SEMESTER 1				SEMESTER 2		
Code	Course Name	Credit		Code	Course Name	Credit
SCSJ3553	Artificial Intelligence	3		SCSP3744	Enterprise Systems Design and Modelling (WBL)- Modular	4
				SCSP3204	Software Engineering (WBL) – Modular	4
Elective Courses – Choose 4 (12 credits)				SCSP3843	Special Topic in Data Engineering (WBL) - Modular	3
SCSP3133	High Performance Data Processing	3		*SCSP3106	Application Development (WBL)	6
SCSP3213	Business Intelligence	3		* 3 months short internship		
SCSP3623	Database Programming	3		NOTE: <ul style="list-style-type: none"> The three courses in Semester 2 will be conducted in modular mode Students are required to go for 3 months short internship after week 6 to conduct a case study in industry 		
SCSP3713	Database Administration	3				
SCSP3223	Data Analytics Programming	3				
Total		15		Total		17

YEAR 4						
SEMESTER 1			SEMESTER 2			
Code	Course Name	Credit	Code	Course Name	Credit	
SCSP4114	Professional Development	4	SCSP4223	Industry Integrated Project Proposal	3	
SCSP4124	Professional Practice	4	SCSP4235	Industry Integrated Project Development	5	
SCSP4134	Professional Development and Practice Report	4	SCSP4234	Industry Integrated Project Report	4	
SCSP4112	Initial Industry Project Proposal	2				
Total		14	Total		12	

TOTAL 130 CREDIT HOURS

Year 1 – 36 credits hours Year 2 – 34 credits hours Year 3 – 32 credits hours Year 4 – 26 credits hours TOTAL= 128 hours	University Courses : 20/128= 16% Core Courses: 77/128 = 60% Elective Courses: 31/128 = 24%
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