

Bachelor of Information Technology (Honours) Data Communications & Networking - June 2013 Intake

	Beta Level						Gamma Level						Delta Level						TOTAL	
	Trimester 1	CH	Trimester 2	CH	Trimester 3	CH	Trimester 1	CH	Trimester 2	CH	Trimester 3	CH	Trimester 1	CH	Trimester 2	CH	Trimester 3	CH		
Core	Mathematical Techniques I	3	Mathematical Techniques II	3			Probability & Statistics	4	Internet Computing	3									13	
	Computer Programming I	3	Computer Programming II	3			Data Structures & Algorithms	3											9	
	Digital Systems	4	Database Systems	3			Object-Oriented Programming	3											10	
	Discrete Structures	4	Introduction to Machine Architecture	4																8
	Operating Systems	3	Data Communications & Networking	4																7
Major							Computer Networks	3	Software Engineering Fundamentals	3			Project I	3	Project II	3	Technopreneur Venture	2	14	
							System Analysis & Design	3	Routing & Switching	3			Client-Server Computing	3	High-Speed Networks	3			12	
									Cryptography & Data Security	3			Network Security & Management	3	Real Time Systems	3			9	
													TCP/IP Programming	3	Mobile & Wireless Communications	3			6	
													Network System for Multimedia	3	Ethics & Professional Conducts	3			6	
Industrial Training										Industrial Training	6								6	
Elective							Elective 1*	3	Elective 2*	3									6	
									Elective 3*	3			Elective 4*	3					6	
Arts and Humanities					Business & Entrepreneurship in Malaysia	3											Bahasa Melayu Komunikasi 2/ Tamadun Islam dan Tamadun Asia	3	6	
					Bahasa Kebangsaan A or Foreign Language	3											Pengajian Malaysia 3/ Hubungan Etnik	3	6	
					Co-Curriculum	2													2	
Total Courses	5		5		3		6		6		1		6		5		3		40	
Total Credits		17		17		8		19		18		6		18		15		8	126	

Elective subjects are to be selected from the following list:

- | | |
|---------------------------------------|---|
| Enterprise Resource Planning | Management Information System |
| CyberLaw and E-Commerce | Agent Technology |
| Introduction to Knowledge Management | IT Project Management Methods and Tools |
| Ethical Hacking & Security Assessment | Information Systems Audit |

Arts and Humanities Subjects:

Malaysian students with a credit in SPM Bahasa Melayu are to take the following subjects:

- (1) Hubungan Etnik (2) Tamadun Islam dan Tamadun Asia (3) Foreign Language (not native language) (4) Business and Entrepreneurship in Malaysia (5) Co-Curriculum

Malaysian students without a credit in SPM Bahasa Melayu are to take the following subjects:

- (1) Hubungan Etnik (2) Tamadun Islam dan Tamadun Asia (3) Bahasa Kebangsaan A (4) Business and Entrepreneurship in Malaysia (5) Co-Curriculum

International students are to take the following subjects:

- (1) Pengajian Malaysia 3 (2) Bahasa Melayu Komunikasi 2 (3) Foreign Language (not native language) (4) Business and Entrepreneurship in Malaysia (5) Co-Curriculum