

## Bachelor of Information Technology (Honours) Data Communications & Networking - March 2014 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	
	T3 June Intake		T1 June Intake		T2 June Intake		T3 June Intake		T1 June Intake		T2 June Intake		T3 June Intake		T1 June Intake		T2 June Intake		
<b>Core</b>			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
<b>Major</b>			Ethics Professional Conducts	3			Technopreneur Venture	2	System Analysis & Design	3	Routing & Switching	3			Project I	3	Project II	3	17
									Computer Networks	3	Cryptography & Data Security	3			Client-Server Computing	3	High-Speed Networks	3	12
											Software Engineering Fundamentals	3			Network Security & Management	3	Real Time Systems	3	9
															TCP/IP Programming	3	Mobile & Wireless Communications	3	6
															Network System for Multimedia	3			3
<b>Industrial Training</b>													Industrial Training	6					6
<b>Elective</b>									Elective 1*	3	Elective 2*	3					Elective 4*	3	9
											Elective 3*	3							3
<b>Arts and Humanities</b>	Business and 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
<b>Total Courses</b>	3		6		5		3		6		6		1		5		5		40
<b>Total Credits</b>		8		20		17		8		19		18		6		15		15	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