

Bachelor of Information Technology (Honours) Data Communications & Networking - June 2011 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				Ethics & Professional Conducts	3				16
	Computer Programming I	3	Computer Programming II	3			Data Structures & Algorithms	3											9
	Digital Systems	4	Discrete Structures	4			Object Oriented Programming	3											11
	Database Systems	3	Introduction to Machine Architecture	4															7
	Technopreneur Venture	2	Data Communications & Networking	4															6
	Operating Systems	3																	3
Major							System Analysis & Design	3	Software Engineering Fundamentals	3			Project I	3	Project II	3			12
							Computer Networks	3	Routing & Switching	3			High-Speed Networks	3	Client-Server Computing	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					3
Industrial Training										Industrial Training	6								6
Elective								Elective 1*	3										3
								Elective 2*	3			Elective 3*	3						9
Arts and Humanities				Contemporary Management & Entrepreneurship	4											*Bahasa Kebangsaan A/B or Foreign Language	3		4
				Malaysian Studies	3											Islamic Studies/ Moral Studies	3		6
				Co-curriculum	2											Workplace Communication	3		5
Total Courses	6		5		3		5		6		1		6		5		3		40
Total Credits		18		18		9		16		18		6		18		15		9	127

*Elective subjects are to be selected from the major subjects from any BIT programmes

**Malaysians who have fulfilled the Bahasa Malaysia requirement (either having passed Bahasa Malaysia with a credit at SPM level; or having passed the MPW2113 Bahasa Kebangsaan A during FOSEE/Diploma or other previous studies) shall be required take a 3CH foreign language subject. They shall only take a foreign language course which is not their native language and they have no formal education in. International students are to choose a foreign language which is not their native language and which they have no formal education in but they are highly encouraged to take up MPW2123 - Bahasa Kebangsaan B.*