

**Bachelor of Information Technology (Honours) Data Communications and Networking - October 2012 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		
	T2 June Intake		T3 June Intake		T1 June Intake		T2 June Intake		T3 June Intake		T1 June Intake		T2 June Intake		T3 June Intake		T1 June Intake			
<b>Core</b>	Mathematical Techniques I	3			Mathematical Techniques II	3	Data Structures & Algorithms	3			Probability & Statistics	4	Internet Computing	3					16	
	Computer Programming I	3			Computer Programming II	3	Object-Oriented Programming	3			Technopreneur Venture	2							11	
	Data Communications & Networking	4			Digital Systems	4	Introduction to Machine Architecture	4											12	
	Database Systems	3			Discrete Structures	4														7
	Ethics & Professional Conducts	3																		3
	Operating Systems	3																		3
<b>Major</b>					System Analysis & Design	3	Software Engineering Fundamentals	3			TCP/IP Programming	3	Project I	3			Project II	3	15	
					Computer Networks	3	Routing & Switching	3			Network System for Multimedia	3	Cryptography & Data Security	3			Client-Server Computing	3	15	
							High-Speed Networks	3					Real Time Systems	3			Network Security & Management	3	9	
													Mobile & Wireless Communications	3					3	
<b>Industrial Training</b>														Industrial Training	6				6	
<b>Elective</b>											Elective 1*	3					Elective 3*	3	6	
											Elective 2*	3							3	
<b>Arts &amp; Humanities</b>			Contemporary Management & Entrepreneurship	4							*Bahasa Kebangsaan A/B or Foreign Language	3							7	
			Malaysian Studies	3							Islamic Studies/Moral Studies	3							6	
			Co-curriculum	2							Workplace Communication	3							5	
<b>Total Courses</b>	6		3		6		6		3		6		5		1		4		40	
<b>Total Credits</b>		19		9		20		19		9		18		15		6		12	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.