

## Bachelor of Information Technology (Honours) Data Communications and Networking - October 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	
	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	
	Digital Systems	4			Introduction to Machine Architecture	4	Ethics & Professional Conducts	3										11	
	Database Systems	3			Data Communications & Networking	4	Operating Systems	3										10	
	Discrete Structures	4																4	
<b>Major</b>					System Analysis & Design	3	Software Engineering Fundamentals	3			Routing & Switching	3	Project I	3			Project II	3	15
							Computer Networks	3			Cryptography & Data Security	3	Client-Server Computing	3			Network Security & Management	3	12
											Network System for Multimedia	3	Real Time Systems	3			High-Speed Networks	3	9
													Mobile & Wireless Communications	3			TCP/IP Programming	3	6
<b>Industrial Training</b>																Industrial Training	6	6	
<b>Elective</b>										Elective 1*	3	Elective 2*	3			Elective 3*	3	9	
<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>	5		3		5		6		3		6		6		1		5	40	
<b>Total Credits</b>		17		9		17		18		9		18		18		6		15	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.