

**Bachelor of Information Technology (Honours) Data Communications and Networking - June 2015 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	
Common Core	TMA1111 Mathematical Techniques	4	TMA1211 Discrete Mathematics and Probability	4			TDS2111 Data Structures and Algorithms	3											11
	TCP1121 Computer Programming	4	TAO1221 Computer Architecture and Organisation	4			TOP2121 Object-Oriented Programming	3											11
	TDB 1131 Database Systems	3	TDC 1231 Data Communications and Networking	4			TSA2131 System Analysis and Design	3											10
	TOS 1141 Operating Systems	3																	3
Specialisation Core			TEP1241 Ethics & Professional Conduct	3			TCN2141 Computer Networks	3	THI2211 Human Computer Interaction	3		TPR3321 Project (Phase 1)	3	TPR3321 Project (Phase 2)	3				15
							TSA2151 System Administration and Maintenance	3	TIA2221 Information Assurance and Security	3		TTP3121 TCP/IP Programming	3	THN3221 High Speed Networks	3				12
							TTV2161 Technopreneur Venture	2	TWT2231 Web Techniques and Application	3		TNS3131 Network Security and Management	3	TWC3231 Mobile and Wireless Communications	3				11
								TSI2241 System Integration and Architecture	3			TCC3141 Cloud Computing	3	TRT3241 Real Time System	3				9
								TRS2251 Routing and Switching	3			TCP3151 Integrative Programming and Technologies	3						6
Industrial Training											TIT2311 Industrial Training	6							6
Elective								Elective 1	3			Elective 2	3	Elective 3	3	Elective 4	3		12
Arts and Humanities					MPU3343 Business and Entrepreneurship in Malaysia	3										MPU3143 / MPU3123 Bahasa Melayu Komunikasi 2 / Tamadun Islam dan Tamadun Asia	3		6
					MPU3213 / MPU32XX Bahasa Kebangsaan A / Foreign Language	3										MPU3173 / MPU3113 Pengajian Malaysia 3 / Hubungan Etnik	3		6
	MPU34XX Co-Curriculum	2																	0
<b>Total Subjects</b>	5		4		2		6		6		1		6		5		3		38
<b>Total Credits</b>		16		15		6		17		18		6		18		15		9	120

**Elective subjects are to be selected from the following list which is subjected to availability from the faculty**

Elective 1	Elective 2	Elective 3	Elective 4
IT Project Management Methods and Tools	Applied Cryptography	IT Project Management Methods and Tools	Information Systems Audit
Organisational Behaviour	Information Theory	Organisational Behaviour	Knowledge Management
Marketing and E-Commerce	Artificial Intelligence Fundamentals	Marketing and E-Commerce	
	Expert Systems		

**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