

Bachelor of Information Technology (Honours) Data Communications and Networking - June 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
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
					MPU3201 / MPU32XX Bahasa Kebangsaan A / Foreign Language	3											MPU3173 / MPU3113 Pengajian Malaysia 3 / Hubungan Etnik	3	6
		MPU34XX Co-Curriculum	2																0
Total Subjects	5		4		2		6		6		1		6		5		3		38
Total Credits		16		15		6		17		18		6		18		15		9	120

Elective subjects are to be selected from the following list:

TIA3121 Information Systems Audit	TEH3221 Ethical Hacking And Security Assessment
TLC2501 Cyber Law On E-Commerce	TPR2251 Pattern Recognition
TKM3151 Knowledge Management	TSC2251 Computer Security
TME3221 Marketing and E-Commerce	TDM3341 Data Mining and Machine Learning Systems
TER3161 Enterprise Resource Planning	TPM3231 IT Project Management and Tools
TIS2251 Management Information Systems	TSW3241 Semantic Web Technology

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