

Bachelor of Information Technology (Honours) Data Communications and Networking - October 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		
	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			
Common Core	TMA1211 Discrete Mathematics and Probability	4			TMA1111 Mathematical Techniques	4						TDS2111 Data Structures and Algorithms	3						11	
	TAO1221 Computer Architecture and Organisation	4			TCP1121 Computer Programming	4						TOP2121 Object-Oriented Programming	3						11	
	TDC 1231 Data Communications and Networking	4			TDB 1131 Database Systems	3						TSA2131 System Analysis and Design	3						10	
					TOS 1141 Operating Systems	3														3
Specialisation Core	TEP1241 Ethics & Professional Conduct	3					THI2211 Human Computer Interaction	3				TSA2151 System Administration and Maintenance	3	TPR3321 Project (Phase 1)	3			TPR3321 Project (Phase 2)	3	15
							TCN2141 Computer Networks	3				TTV2161 Technopreneur Venture	2	THN3221 High Speed Networks	3			TTP3121 TCP/IP Programming	3	11
							TIA2221 Information Assurance and Security	3				TRS2251 Routing and Switching	3	TWC3231 Mobile and Wireless Communications	3			TNS3131 Network Security and Management	3	12
							TWT2231 Web Techniques and Application	3						TRT3241 Real Time System	3			TCC3141 Cloud Computing	3	9
							TSI2241 System Integration and Architecture	3											TCP3151 Integrative Programming and Technologies	3
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														
Total Subjects	4		2		5		6		3		6		6		1		5			38
Total Credits		15		6		16		18		9		17		18		6		15		120

Elective subjects are to be selected from the following list (*will be based on the availability of the subject):

Elective 1

IT Project Management Methods and Tools
Organisational Behaviour
Marketing and E-Commerce

Elective 2

Information Systems Audit
Knowledge Management

Elective 3

IT Project Management Methods and Tools
Organisational Behaviour
Marketing and E-Commerce

Elective 4

Computer Security
Ethical hacking and Security Assessment
Pattern Recognition

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