

Bachelor of Information Technology (Honours) Data Communications and Networking - October 2016 Intake

	Beta Level				Gamma Level				Delta Level				TOTAL						
	Trimester 1	CH	Trimester 2	CH	Trimester 3	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			
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		
	TDC1231 Data Communications and Networking	4			TDB1131 Database Systems	3			TSA2131 System Analysis and Design	3							10		
					TOS1141 Operating Systems	3											3		
Specialisation Core	TEP1241 Ethics & Professional Conduct	3						TH2211 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	THN3321 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	6	
Industrial Training													TIT2311 Industrial Training	6			6		
Elective							TPM3231 IT Project Management Methods and Tools (Elective 1) OR	3	TAC3121 Applied Cryptography (Elective 2) OR	3		TPM3231 IT Project Management Methods and Tools (Elective 3)OR	3					12	
							TOB2221 Organisational Behaviour (Elective 1) OR	3	TIT3131 Information Theory (Elective 2)OR	3		TOB2221 Organisational Behaviour (Elective 3)OR	3						
							TME 3221 Marketing and E-Commerce (Elective 1)	3	TAI2151 Artificial Intelligence Fundamentals (Elective 2)OR	3		TME 3221 Marketing and E-Commerce (Elective 3)	3						
									TES3141 Expert Systems (Elective 2)	3		TIA3121 Information Systems Audit (Elective 4)OR	3						
												TKM3151 Knowledge Management (Elective 4)	3						
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												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 subject to change by the faculty

- Elective 1 : Choose 1 subject
 Elective 2 : Choose 1 subject
 Elective 3 : Choose 1 subject
 Elective 4 : Choose 1 subject

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)