

Bachelor of Information Technology (Honours) Data Communications and Networking - April 2018 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							
	T3 June Intake		T1 June Intake		T2 June Intake		T3 June Intake		T1 June Intake		T2 June Intake								
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					
			TDB1131 Database Systems	3	TDC1231 Data Communications and Networking	4			TSA2131 System Analysis and Design	3				10					
			TOS1141 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							TIA3121 Information Systems Audit (Elective 1) OR	3			TPM3231 IT Project Management Methods and Tools (Elective 2)OR	3		TAC3121 Applied Cryptography (Elective 3) OR	3	TPM3231 IT Project Management Methods and Tools (Elective 4)OR	3	12	
							TKM3151 Knowledge Management (Elective 1)	3			TOB2221 Organisational Behaviour (Elective 2)OR	3		TIT3131 Information Theory (Elective 3) OR	3	TOB2221 Organisational Behaviour (Elective 4)OR	3		
											TME 3221 Marketing and E-Commerce (Elective 2)	3		TAI2151 Artificial Intelligence Fundamentals (Elective 3) OR	3	TME 3221 Marketing and E-Commerce (Elective 4)	3		
														TES3141 Expert Systems (Elective 2)	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	3		4		4		3		6		6		1		6		5	38	
Total Credits		8		14		15		9		17		18		6		18		15	120

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***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 2 (2) Bahasa Melayu Komunikasi 2 (3) Foreign Language (not native language) (4) Business and Entrepreneurship in Malaysia (5) Co-Curriculum