

**Bachelor of Information Technology (Honours) Data Communications and Networking - March 2017 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																		12	
Arts and Humanities																		6	
																		6	
																		2	
<b>Total Subjects</b>	3		4		4		3		6		6		1		6		5	38	
<b>Total Credits</b>		8		14		15		9		17		18		6		18		15	120

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) (4) Business and Entrepreneurship in Malaysia (5) Co-Curriculum