

**Bachelor of Information Technology (Honours) Data Communications and Networking - June 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	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
	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								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	TIA3121 Information Systems Audit (Elective 4) OR	3	12
								TOB2221 Organisational Behaviour (Elective 1) OR	3				TIT3131 Information Theory (Elective 2) OR	3	TOB2221 Organisational Behaviour (Elective 3) OR	3	TKM3151 Knowledge Management (Elective 4)	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					
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
<b>Total Subjects</b>	<b>5</b>		<b>4</b>		<b>2</b>		<b>6</b>		<b>6</b>		<b>1</b>		<b>6</b>		<b>5</b>		<b>3</b>		<b>38</b>
<b>Total Credits</b>		<b>16</b>		<b>15</b>		<b>6</b>		<b>17</b>		<b>18</b>		<b>6</b>		<b>18</b>		<b>15</b>		<b>9</b>	<b>120</b>

**\*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