

**Bachelor of Information Technology (Honours) Security Technology - October 2013 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		
<b>Core</b>	Mathematical Techniques I	3			Mathematical Techniques II	3	Data Structures & Algorithms	3			Probability & Statistics	4	Internet Computing	3					16
	Computer Programming I	3			Computer Programming II	3	Object-Oriented Programming	3			Operating Systems	3							12
	Data Communications & Networking	4			Digital Systems	4	Introduction to Machine Architecture	4											12
	Database Systems	3			Discrete Structures	4													7
<b>Major</b>	Ethics & Professional Conducts	3			System Analysis & Design	3	Ethical Hacking & Security Assessment	3	Technopreneur Venture	2	Computer Networks	3	Project I	3			Project II	3	20
							Cyber Law on E-Commerce	3					Applied Cryptography	3			Network Security & Management	3	9
							Computer Security	3					Computer Virus & Intrusion Detection	3			Password Authentication & Biometrics	3	9
													Physical Security	3			Digital Watermarking	3	6
													Information Theory	3					3
<b>Industrial Training</b>														Industrial Training	6			6	
<b>Elective</b>											Elective 1*	3					Elective 3*	3	6
											Elective 2*	3					Elective 4*	3	6
<b>Arts &amp; Humanities</b>			Business & Entrepreneurship in Malaysia	3					Bahasa Melayu Komunikasi 2/ Tamadun Islam dan Tamadun Asia	3									6
			Bahasa Kebangsaan A or Foreign Language	3					Pengajian Malaysia 3/ Hubungan Etnik	3									6
			Co-Curriculum	2															2
<b>Total Courses</b>	5		3		5		6		3		5		6		1		6		40
<b>Total Credits</b>		16		8		17		19		8		16		18		6		18	126

**Elective subjects are to be selected from the following list:**

- |  |                                      |
|--|--------------------------------------|
| Database Security                      | Introduction to Knowledge Management |
| Pattern Recognition                    | Mobile & Wireless Communications     |
| Software Engineering Fundamentals      | Technology Transfer                  |
| Data Mining & Machine Learning Systems | Information Systems Audit            |

**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