

Bachelor of Information Technology (Honours) Artificial Intelligence - 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		
Core	Mathematical Techniques I	3			Mathematical Techniques II	3	Data Structure & Algorithms	3					Internet Computing	3					12
	Computer Programming I	3			Computer Programming II	3	Object-Oriented Programming	3											9
	Data Communications & Networking	4			Discrete Structures	4	Introduction to Machine Architecture	4											12
	Database Systems	3			Probability & Statistics	4													7
	Digital Systems	4			Operating Systems	3													7
Major							Software Engineering Fundamentals	3	Technopreneur Venture	2	Expert Systems	3	Project 1	3			Project 2	3	14
							Computer Graphics	3			Computational Intelligence I	3	Ethics & Professional Conducts	3			Computational Intelligence II	3	12
							Artificial Intelligence I	3			Artificial Intelligence II	3	Human-Computer Interaction	3			Agent Technology	3	12
													Pattern Recognition	3			Computer Vision	3	6
													Natural Language Processing	3					3
Industrial Training															Industrial Training	6			6
Elective											Elective 1*	3					Elective 3*	3	6
											Elective 2*	3					Elective 4*	3	6
Arts & Humanities			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
Total Courses	5		3		5		6		3		5		6		1		6		40
Total Credits	17		8		17		19		8		15		18		6		18		126

Elective subjects are to be selected from the following list:

- | | |
|---------------------------------------|--------------------------------------|
| Computer Networks | Management Information System |
| Real Time Systems | Introduction to Knowledge Management |
| Cryptography & Data Security | Cyber Law on E-Commerce |
| Ethical Hacking & Security Assessment | Programming for Bioinformatics I |

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