

Bachelor of Information Technology (Honours) Artificial Intelligence - June 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		
Core	Mathematical Techniques I	3	Mathematical Techniques II	3			Probability & Statistics	4	Internet Computing	3									13	
	Computer Programming I	3	Computer Programming II	3			Data Structures & Algorithms	3											9	
	Digital Systems	4	Database Systems	3			Object-Oriented Programming	3											10	
	Discrete Structures	4	Introduction to Machine Architecture	4																8
	Operating Systems	3	Data Communications & Networking	4																7
Major							Artificial Intelligence I	3	Software Engineering Fundamentals	3			Project I	3	Project II	3	Technopreneur Venture	2	14	
							Computational Intelligence I	3	Artificial Intelligence II	3			Expert Systems	3	Human-Computer Interaction	3			12	
									Pattern Recognition	3			Computer Vision	3	Natural Language Processing	3			9	
									Computer Graphics	3			Agent Technology	3	Ethics & Professional Conduct	3			9	
													Computational Intelligence II	3					3	
Industrial												Industrial Training	6						6	
Elective							Elective 1*	3	Elective 2*	3			Elective 3*	3	Elective 4*	3			12	
Arts and 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		5		3		6		6			1		6		5		3	40	
Total Credits		17		17		8		19		18		6		18		15		8	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