

3 Years Study Plan for FEB INTAKE 2009/2010

B. Sc. (Hons) Bio-Informatics																					
	Beta						Gamma						Delta								
	Trimester 1 (L)		Trimester 2 (L)		Trimester 3 (L)		Trimester 1 (S)		Trimester 2 (L)		Trimester 3 (L)		Trimester 1 (S)		Trimester 2 (L)		Trimester 3 (L)		Total		
Core	Basic Medical Microbiology	3	Mathematical Techniques 1	3	Computer Programming 2	3		Data Structures and Algorithms	3	Introduction to Molecular Biology	3	Industrial Training	6	Introductory Course in Pharmacology	3	Project 2	4				
			Computer Programming 1	3	Biochemistry 2	3		systems Analysis and Design	3	Probability and Bio-Statistics	3										
			Database systems	3	Basic Human Genetics	3				Introduction to Human Pathology	3										
			Biochemistry 1	3				Database Design and Management	3								Project 1	4			
			Cell Biology	3	Mathematical Techniques 2	3		Programming in Bio-Informatics 1	3												
					Physiology & Anatomy of Major Organ systems	3															
					Data Comm and Computer Network	3													Legal, Moral and Ethical Issues in Life Sciences	3	
Major										Programming in Bio-Informatics 2	3			Algorithms in Bioinformatics	3	Module Development in Bioinformatics	3				
										Pattern Recognition	3			Introduction to Molecular Cloning	3	Data Mining and Machine Learning Systems	3				
Electives										ELECTIVES SUBJECT	3					High Performance Bioinformatics Computing	3				
Arts & Humanities	Bahasa Kebangsaan A/B or Foreign Language	3	Technical Communications	3			Introduction to Cyberpreneurship	1						Islamic Studies/Moral Ethics	3						
	Malaysian studies	3												Basic Econ. Acct. and Management	3						
	Cocurriculum	2																			
Total Subject	3		6		6		1		5		6		1	6		5		39			
Total Credit		11		18		18		1		12		18		6		19		16	119		

***Electives Subject**

- HAP1029 Functional Anatomy of the Locomotor System
- TCS2111 Computer Graphics
- TCS2211 Computer Security