

B.Sc (Hons) Bio-Informatics

For JUNE 2011 Intake

CODE	SUBJECT	b YEAR			g YEAR			d YEAR			Requirement for Registration
		T1	T2	T3	T1	T2	T3	T1	T2	T3	
<b>Core:</b>											
TMT1171	MATHEMATICAL TECHNIQUES I	3									NONE
TCP1231	COMPUTER PROGRAMMING I	3									NONE
TDB2111	DATABASE SYSTEMS	3									NONE
HBC1019	BIOCHEMISTRY I	3									NONE
HCB1019	CELL BIOLOGY	3									NONE
TCP1241	COMPUTER PROGRAMMING II		3								TCP1231
HBC1029	BIOCHEMISTRY II		3								HBC1019
HHG1019	BASIC HUMAN GENETICS		3								NONE
HAP1019	ANATOMY AND PHYSIOLOGY OF MAJOR ORGAN SYSTEM		3								NONE
TCE2311	DATA COMMUNICATIONS AND NETWORKING		4								NONE
TCS1011	DATA STRUCTURES AND ALGORITHMS				3						TCP1241
TIS2211	SYSTEM ANALYSIS AND DESIGN				3						TCP1241
HMM1019	BASIC MEDICAL MICROBIOLOGY				3						NONE
TDB2121	DATABASE DESIGN AND MANAGEMENT				3						TDB2111
TMT1181	MATHEMATICAL TECHNIQUES II		3								TMT1171
HMB2019	INTRODUCTION TO MOLECULAR BIOLOGY					3					HBC1019 & HCB1019
HEM2019	PROBABILITY AND BIO-STATISTICS					3					TMT1171
HPT2029	INTRODUCTION TO HUMAN PATHOLOGY					3					HAP1019 & HCB1019
HPC2019	INTRODUCTION COURSE IN PHARMACOLOGY							3			HAP1019 & HBC1029
HRD3019	PROJECT I							4			COMPLETED 60 CH EXCLUDING ARTS AND HUMANITIES SUBJECTS
HRD3019	PROJECT II								4		PROJECT 1
HLP3019	LEGAL, MORAL AND ETHICAL ISSUES IN LIFE SCIENCES								3		NONE
<b>Major:</b>											
HPB2019	PROGRAMMING FOR BIO-INFORMATICS I				3						NONE
HPB2029	PROGRAMMING FOR BIO-INFORMATICS II					3					HPB2019
TPR3411	PATTERN RECOGNITION					3					TCP1241
HPB2039	ALGORITHMS IN BIO-INFORMATICS							3			HPB2029
HMB2029	INTRODUCTION TO MOLECULAR CLONNING							3			HMB2019
HPB3019	MODULE DEVELOPMENT IN BIO-INFORMATICS								3		HPB2038 & HEM2019
TDM3341	DATA MINING AND MACHINE LEARNING SYSTEMS								3		HEM2019
HPB3029	HIGH PERFORMANCE BIOINFORMATICS COMPUTING								3		ECP2056 OR TCE2311
<b>Industrial Training:</b>											
TPR3311	INDUSTRIAL TRAINING						6				COMPLETED 60CH EXCLUDING ART & HUMANITIES SUBJECTS
<b>Elective</b>											
XXXXXX	Elective							3			ACCORDING TO SUBJECT
<b>Arts and Humanities:</b>											
BCM2010	CONTEMPORARY MANAGEMENT & ENTREPRENEURSHIP			4							NONE
MPW2133	MALAYSIAN STUDIES			3							NONE
XXXXXX	CO-CURRICULUM			2							NONE
2113/MPW	BAHASA KEBANGSAAN A/B or FOREIGN LANGUAGE								3		NONE
2143/MPW	ISLAMIC STUDIES / MORAL STUDIES **								3		NONE
PWC1010	WORKPLACE COMMUNICATION								3		NONE
<b>Total Credit Hour :: 120</b>											