

CODE	SUBJECT	®YEAR			©YEAR			™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
HMM1019	BASIC MEDICAL MICROBIOLOGY	3									NONE
HBC1019	BIOCHEMISTRY I	3									NONE
HC1019	CELL BIOLOGY	3									NONE
TCP1241	COMPUTER PROGRAMMING II		3								TCP1231
TDB2111	DATABASE SYSTEMS		3								NONE
TCE2311	DATA COMMUNICATIONS AND NETWORKING		4								NONE
HAP1019	ANATOMY AND PHYSIOLOGY OF MAJOR ORGAN SYSTEMS		3								NONE
HBC1029	BIOCHEMISTRY II		3								HBC1019
TCS1011	DATA STRUCTURES AND ALGORITHMS				3						TCP1241
TIS2211	SYSTEM ANALYSIS AND DESIGN				3						TDB2111
TDB2121	DATABASE DESIGN AND MANAGEMENT				3						TDB2111
TMT1181	MATHEMATICAL TECHNIQUES II				3						TMT1171
HMB2019	INTRODUCTION TO MOLECULAR BIOLOGY					3					HBC1019 & HCB1019
HEM2019	PROBABILITY AND BIOSTATISTICS					3					TMT1171
HPT2029	INTRODUCTION TO HUMAN PATHOLOGY					3					HAP1019 & HCB1019
HHG1019	BASIC HUMAN GENETICS					3					HCB1019
HPC2019	INTRODUCTORY COURSE IN PHARMACOLOGY							3			HAP1019 & HBC1029
HLP3019	LEGAL, MORAL AND ETHICAL ISSUES IN LIFE SCIENCES							3			NONE
	<b>Major:</b>										
HPB2019	BIOINFORMATICS PROGRAMMING I				3						NONE
TPR3411	PATTERN RECOGNITION				3						TCP1241
HPB2029	BIOINFORMATICS PROGRAMMING II					3					HPB2019
HRD3019	PROJECT I							4			COMPLETED 60 CH EXCLUDING ARTS AND HUMANITIES SUBJECTS
HPB2039	BIOINFORMATICS ALGORITHMS I							3			HPB2029
HRD3019	PROJECT II								4		PROJECT I
HPB3019	BIOINFORMATICS ALGORITHMS II								3		HPB2039 & HEM2019
TDM3341	DATA MINING AND MACHINE LEARNING SYSTEMS								3		HEM2019
HPB3029	PARALLEL COMPUTING								3		ECP2056 OR TCE2311
	<b>Industrial Training:</b>										
HIT3019	INDUSTRIAL TRAINING						6				COMPLETED 60CH EXCLUDING ARTS & HUMANITIES SUBJECTS
	<b>Elective</b>										
XXXXXX	ELECTIVE 1					3					
	ELECTIVE 2							3			
	ELECTIVE 3								3		
	ELECTIVE 4								3		
	<b>Arts and Humanities:</b>										
MPU3343	BUSINESS & ENTREPRENEURSHIP IN MALAYSIA			3							NONE
MPU3213	BAHASA KEBANGSAAN A or FOREIGN LANGUAGE			3							NONE
XXXXXX	CO-CURRICULUM			2							NONE
MPU3143/ MPU3123	BAHASA MELAYU KOMUNIKASI 2/TAMADUN ISLAM & TAMADUN ASIA								3		NONE
MPU3173/ MPU3113	PENGAJIAN MALAYSIA 3/ HUBUNGAN ETNIK								3		NONE
	<b>Total Credit Hour : 122</b>										

\*\* Only for students who enter directly to Beta level.