

CODE	SUBJECT	®YEAR			©YEAR			™YEAR			Requirement for Registration
		T1	T2	T3	T1	T2	T3	T1	T2	T3	
	Core:										
TMT1171	MATHEMATICAL TECHNIQUES I	3									NONE
TCP1231	COMPUTER PROGRAMMING I	3									NONE
TCE2311	DATA COMMUNICATIONS AND NETWORKING	4									NONE
TDB2111	DATABASE SYSTEMS	3									NONE
HAP1019	HUMAN ANATOMY AND PHYSIOLOGY	3									NONE
TMT1181	MATHEMATICAL TECHNIQUES II			3							TMT1171
TCP1241	COMPUTER PROGRAMMING II			3							TCP1231
HBC1019	BIOCHEMISTRY I			3							NONE
HMM1019	BASIC MEDICAL MICROBIOLOGY			3							NONE
HCB1019	CELL BIOLOGY			3							NONE
TCS1011	DATA STRUCTURES AND ALGORITHMS				3						TCP1241
HBC1029	BIOCHEMISTRY II				3						HBC1019
HEM2019	PROBABILITY AND BIOSTATISTICS				3						TMT1171
HMB2019	INTRODUCTION TO MOLECULAR BIOLOGY				3						HBC1019 & HCB1019
HHG1019	BASIC HUMAN GENETICS				3						HCB1019
HPC2019	INTRODUCTORY COURSE IN PHARMACOLOGY						3				HAP1019 & HBC1029
TIS2211	SYSTEM ANALYSIS AND DESIGN						3				TDB2111
HRD3019	PROJECT I							4			COMPLETED 60 CH EXCLUDING ARTS AND HUMANITIES SUBJECTS
HPT2029	INTRODUCTION TO HUMAN PATHOLOGY							3			HAP1019 & HCB1019
HRD3019	PROJECT II									4	PROJECT I
TDB2121	DATABASE DESIGN AND MANAGEMENT									3	TDB2111
HLP3019	LEGAL, MORAL AND ETHICAL ISSUES IN LIFE SCIENCES									3	NONE
	Major:										
HPB2019	BIOINFORMATICS PROGRAMMING I			3							NONE
HPB2029	BIOINFORMATICS PROGRAMMING II				3						HPB2019
HPB2039	BIOINFORMATICS ALGORITHMS I						3				HPB2029
TPR3411	PATTERN RECOGNITION						3				TCP1241
HPB3019	BIOINFORMATICS ALGORITHMS II								3		HPB2039 & HEM2019
HPB3029	PARALLEL COMPUTING								3		ECP2056 OR TCE2311
TDM3341	DATA MINING AND MACHINE LEARNING SYSTEMS								3		HEM2019
	Industrial Training:										
HIT3019	INDUSTRIAL TRAINING								6		COMPLETED 60CH EXCLUDING ARTS & HUMANITIES SUBJECTS
	Elective										
XXXXXX	ELECTIVE 1						3				
	ELECTIVE 2							3			
	ELECTIVE 3									3	
	ELECTIVE 4									3	
	Arts and Humanities:										
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
	Total Credit Hour : 122										

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