

**B.IT (Hons) ARTIFICIAL INTELLIGENCE**

**For October 2016 Intake**

CODE	SUBJECT	β YEAR			γ YEAR			δ YEAR			Pre-Requisite
		T1	T2	T3	T1	T2	T3	T1	T2	T3	
<b>Common Core:</b>											
TMA1111	MATHEMATICAL TECHNIQUES			4							NONE
TCP1121	COMPUTER PROGRAMMING			4							NONE
TDB1131	DATABASE SYSTEMS			3							NONE
TOS1141	OPERATING SYSTEMS			3							NONE
TMA1211	DISCRETE MATHEMATICS AND PROBABILITY	4									NONE
TAO1221	COMPUTER ARCHITECTURE AND ORGANISATION	4									NONE
TDC1231	DATA COMMUNICATIONS AND NETWORKING	4									NONE
TDS2111	DATA STRUCTURES AND ALGORITHMS						3				TCP1121
TOP2121	OBJECT-ORIENTED PROGRAMMING						3				TCP1121
TSA2131	SYSTEMS ANALYSIS AND DESIGN						3				TDB1131
<b>Specialisation Core:</b>											
TEP1241	ETHICS AND PROFESSIONAL CONDUCTS	3									NONE
TPL2141	PROGRAMMING LANGUAGE CONCEPT						3				TCP1121
TAI2151	ARTIFICIAL INTELLIGENCE FUNDAMENTALS						3				TCP1121
TTV2161	TECHNOPRENEUR VENTURE						2				NONE
THI2211	HUMAN COMPUTER INTERACTION				3						TCP1121
TCS2221	COMPUTER GRAPHICS				3						TCP1121
TSE2231	SOFTWARE ENGINEERING FUNDAMENTALS				3						TCP1121
TCS2241	COMPUTATIONAL SCIENCE				3						TCP1121
TPR2251	PATTERN RECOGNITION				3						TCP1121
TPR3321	PROJECT (PHASE 1)						3				COMPLETED 60CH EXCLUDING ARTS & HUMANITIES SUBJECTS
TCI3121	COMPUTATIONAL INTELLIGENCE						3				TCP1121
TAT3131	AGENT TECHNOLOGY						3				TAI2151
TES3141	EXPERT SYSTEMS						3				TMA1211
TCV3151	COMPUTER VISION						3				TAI2151
TPR3321	PROJECT (PHASE 2)								3		TPR3321 (Project Phase 1)
TNL3221	NATURAL LANGUAGE PROCESSING								3		TAI2151
TDA3231	ALGORITHM DESIGN AND ANALYSIS								3		TDS2111
TSW3241	SEMANTIC WEB TECHNOLOGY								3		TMA1211
<b>Industrial Training:</b>											
TIT2311	INDUSTRIAL TRAINING								6		COMPLETED 60CH EXCLUDING ARTS & HUMANITIES SUBJECTS
<b>Elective:</b>											
	Elective 1				3						
	Elective 2					3					
	Elective 3							3			
	Elective 4									3	
<b>Arts and Humanities:</b>											
MPU34XX	CO-CURRICULUM			2							NONE
MPU3343	BUSINESS AND ENTREPRENEURSHIP IN MALAYSIA		3								NONE
MPU3213/ MPU32XX	BAHASA KEBANGSAAN A or FOREIGN LANGUAGE			3							NONE
MPU3143/ MPU3123	BAHASA MELAYU KOMUNIKASI 2/ TAMADUN ISLAM DAN TAMADUN ASIA					3					NONE
MPU3173/ MPU3113	PENGAJIAN MALAYSIA 3/ HUBUNGAN ETNIK					3					NONE
<b>Total Credit Hour : 120</b>											

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