Year	Sem	Type	Course	Credit	Total
Year 1	Sem 1	Remedial	PBI1112 Preparatory English 1*	2*	15
		Free Module	PPD1041 Soft Skill & Basic Volunteerism	1	
		MPU	MPU3222 Foundation of Entrepreneurship Inculturation	2	
		Core	TMF1814 Discrete Mathematics	4	
		Core	TMF1014 System Analysis and Design	4	
		Core	TMF1414 Introduction to Programming	4	
	Sem 2	Remedial	PBI1122 Preparatory English 2*	2*	18
		MPU	MPUXXX2 Credited Co-curricular***	2	
		Core	TMF1874 Mathematics for Computing	4	
		Core	TMF1254 Communication and Computer Network	4	
		Core	TMF1434 Data Structure and Algorithm	4	
		Core	TMF1214 Computer Architecture	4	
Year 2	Sem 1	Free Module	PBIXXX2 English Course 1**	2	18
		MPU	MPU3192 Appreciation of Ethics and Civilisation or MPU3142 Malay Language for Communication 2 (for International Students)	2	
		Core	TMF2034 Database Concept & Design	4	
		Core	TMF2234 Operating System	4	
		Specialisation	TMS2833 Object Oriented Software Development	3	
		Specialisation	TMS2153 Multivariable Calculus	3	
	Sem 2	Free Module	PBIXXX2 English Course 2**	2	20
		MPU	MPU3332 National Heritage or MPU3342 Culture and Ethnicity in Malaysia (for International Students)	2	
		MPU	MPU3182 Philosophy and Current Issues	2	
		Core	TMF2954 Java Programming	4	
		Specialisation	TMS2824 Web-based System Development	4	
		Specialisation	TMS2033 Differential Equations	3	
		Specialisation	TMS2813 Computational Science Laboratory	3	
Year 3	Sem 1	Free Module	PBM2072 Malay Language or PBM2082 Advanced Malay Language for Communication (for International Students)	2	19
		Free Module	ABCXXX3 Elective from another faculty	3	
		Core	TMF3012 Ethics and Professionalism	2	
		Core	TMF3113 Project Management	3	
		Specialisation	TMS3133 Numerical Methods	3	
		Specialisation	TMS3033 Operational Research	3	
		Specialisation	TMS3843 Human Computer Interaction	3	
	Sem 2	LI	TMF39412 Industrial Training	12	12

Year 4	Sem 1	FYP	TMF4913 Final Year Project 1	3	16
		Free Module	ABCXXX3 Elective from another faculty	3	
		Core	TMF4034 Technopreneurship and Product Development	4	
		Specialisation	TMS4053 Mathematical Modelling and Simulation	3	
		Specialisation	TMS4013 Parallel Processing	3	
	Sem 2	FYP	TMF4935 Final Year Project 2	5	14
		Free Module	ABCXXX3 Elective from another faculty	3	
		Specialisation	TMS4033 Statistical Data Analysis	3	
		Specialisation	TMS4853 Computer Security	3	
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*   For students with MUET Band 1 & 2 OR Intensive English (C, C+) ONLY. After passing PBI1122, students will have to take PBI1102 Academic English 1 and PBI1072 English for Professional Communication in Year 2.

**   Students with MUET Band 3 OR Intensive English (B-, B, B+) OR IELTS 5.5 will have to take PBI1102 Academic English 1 and PBI1072 English for Professional Communication. Students with MUET Band 4, 5 and 6 OR Intensive English (A-, A) OR IELTS 6 and above will have to take PBI1092 Academic English 2 and PBI1082 English for Occupational Purposes.

***   Choose ONE only: MPU3432 (Initiative & Innovation) OR MPU3442 (Culture) OR MPU3452 (Leadership) OR MPU3462 (Volunteerism) OR MPU3472 (Entrepreneurship) OR MPU3482 (Community Service) OR MPU3492 (Sports) OR MPU34102 (Public Speaking).