

**Bachelor of Mechanical Engineering With Honours (BDD)
Faculty of Mechanical and Manufacturing Engineering**

YEAR	CODE	SEMESTER I		CODE	SEMESTER I		CODE	SEMESTER I	
		SUBJECT	CREDIT		SUBJECT	CREDIT		SUBJECT	CREDIT
1	UMB 1052	Effective Communication	2	UMB 1042	Technical Writing	2			
	UMA 1162	Islam Civilisation and Asian Civilisation	2	BSM 1923	Engineering Mathematics II	3			
	UQ* 1**1	Co- Curriculum I	1	BDA 1032	Material Sciences	2			
	BSM 1913	Engineering Mathematics I	3	BDA 1042	Mechanics of Solid I	2			
	UMC 1022	Creativity and Innovation	2	BDA 1052	Fluid Mechanics I	2			
	BDA 1012	Engineering Drawings	2	BEE 1803	Electrical and Electronic Technology	3			
	BDA 1023	Static	3	BDA 1701	Engineering Lab I	1			
	BDA 1801	Mechanical Engineering Practice I	1	BDA 1811	Mechanical Engineering Practices II	1			
	UMB 1011	English For Academic Purposes	1						
			17			16			
2	UMA 1182/	Islamic Studies/	2	UMS 1122	Ethnic Relation/	2			
	UMA 1142	Moral Studies		UMN 1312	Malay Language				
	UM* 1312	Foreign Language	2	UQ* 1**1	Co- Curriculum I	1			
	BSM 2913	Engineering Mathematics III	3	BSM 2922	Engineering Statistics	2			
	BTI 1022	Computer Programming	2	BDA 2033	Mechanics of Machine	3			
	BDA 2013	Dynamics	3	BDA 2042	Engineering Materials Selection	2			
	BDA 2022	Thermodynamics I	2	BDA 2052	CAD and Modelling	2			
	BDA 2701	Engineering Lab II	1	BDA 2711	Engineering Lab II	1			
				BDA 2721	Engineering Lab IV	1			
			BDA 2801	Mechanical Engineering Practices III	1				
			15			15			
3	BSM 3913	Engineering Mathematics IV	3	UMS 1113	Nationhood and Current Development	3			
	BDA 3053	Engineering Economics and Entrepreneurship	3	UMS 1143	Malaysia Studies and Culture	2			
	BDA 3023	Fluid Mechanics II	3	BDA 3052	Manufacturing Technology				
	BDA 3033	Solid Mechanics II	3	BDA 3063	Heat Transfer	3			
	BDA 3043	Thermodynamics II	3	BDA 3073	Control Engineering	3			
	BDA 3701	Engineering Lab V	1	BDA 3083	Mechanical Design I	3			
				BDA 3711	Engineering Lab VI	1			
				BDA 2811	Mechanical Engineering Practices IV	1			
			16			16			
4	BDA 4012	Industrial Engineering	2	BDA 4042	Management and Professional Ethics	2	BDA 4804	Industrial Training (3 Months)	4
	BDA 4902	Bachelor Project I	2	BDA 4052	Engineers and Society	2			
	BDA 4023	Mechanical Engineering Design II	3	BDA 4904	Bachelor Project II	4			
	BDA 4033	Finite Element Method	3	BD* 4**3	Elective II	3			
	BDC 4013	Noise and Vibration	3	BD* 4**3	Elective III	3			
	BD* 4**3	Elective I	3						
			16			14			4
TOTAL CREDIT									129