

Curriculum Summary
Bachelor of Mechanical Engineering With Honours
Faculty of Mechanical and Manufacturing Engineering

YEAR	CODE	SEMESTER I		CODE	SEMESTER I		CODE	SEMESTER I	
		SUBJECT	CREDIT		SUBJECT	CREDIT		SUBJECT	CREDIT
1	BDA 10102	Engineering Drawing	2	BDA 10302	Material Science	2			
	BDA 10203	Statics	3	BDA 10402	Solid Mechanics I	2			
	BDA 18001	Mechanical Engineering Practice I	1	BDA 10502	Fluid Mechanics	2			
	BWM 10103	Engineering Mathematics I	3	BDA 17001	Engineering Laboratory I	1			
	UWB 10101	English for Academic Purposes	1	BDA 18101	Mechanical Engineering Practice II	1			
	UWS 10103	M'sian Nationhood & Current Develop't /	3	BEX 17003	Electric and Electronic Technology	3			
	UWS 10303	Malaysia Studies and Culture	3	BWM 10203	Engineering Mathematics II	3			
	UWB 20402	Creativity & Innovation	2	UWA 10302	Islam Civilisation and Asian Civilisation	2			
	UQ* 1**01	Co-Curriculum I	1	UWB 10202	Effective Communication	2			
			16			18			
2	BDA 20103	Dynamics	3	BDA 20303	Mechanics of Machine	3			
	BDA 20202	Thermodynamics I	2	BDA 20402	Engineering Materials Selection	2			
	BDA 27001	Engineering Laboratory II	1	BDA 20502	Computer Aided Design	2			
	BWM 20403	Engineering Mathematics III	3	BDA 27101	Engineering Laboratory III	1			
	BTI 10202	Computer Programming	3	BDA 27201	Engineering Laboratory IV	1			
	UWB 1**02	Foreign Language	2	BDA 28001	Mechanical Engineering Practice III	1			
	UWA 10102	Islamic Studies /	2	BWM 20502	Engineering Statistics	2			
	UWA 10202	Moral Studies	2	UWS 10202	Ethnic Relationship /	2			
	UWB 20302	Technical Writing	2	UWB 11202	Malay Language	2			
			17			15			
3	BDA 30203	Fluid Mechanics II	3	BDA 28101	Mechanical Engineering Practice IV	1	BDA 38004	Industrial Training	4
	BDA 30303	Solid Mechanics II	3	BDA 30502	Manufacturing Technology	2			
	BDA 30403	Thermodynamics II	3	BDA 30603	Heat Transfer	3			
	BDA 37001	Engineering Laboratory V	1	BDA 30703	Control Engineering	3			
	BWM 30603	Engineering Mathematics IV	3	BDA 30803	Mechanical Engineering Design	3			
	BPK 20802	Entrepreneurship	2	BDA 37101	Engineering Laboratory VI	1			
	BPK 30902	Engineering Economy	2						
			17			13			
4	BDA 40102	Industrial Engineering	2	BDA 40402	Management and Professional Ethics	2			
	BDA 40203	Engineering Design	3	BDA 40502	Engineers & Society	2			
	BDA 40303	Finite Element Method	3	BDA 49104	Bachelor Degree Project II	4			
	BDA 49002	Bachelor Degree Project I	2	BD* 4**03	Elective II	3			
	BDA 40603	Noise and Vibration	3	BD* 4**03	Elective III	3			
	BD* 4**03	Elective I	3						
			16			14			
TOTAL CREDIT								130	