

BMID

Curriculum Details & Structure 2025/2026

	YEAR 1		YEAR 2		YEAR 3		YEAR 4		Credits
	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2	Sem. 1	Sem. 2	
University Compulsory Courses	BKK* ***1 Co-Curriculum I	BKK* ***1 Co-Curriculum 2	BLLW 2152 Academic Writing	BLHW 2792 Integrity and Anti-Corruption	BLLW 3162 English for Professional Interaction	BLHC 4032 Critical and Creative Thinking			20
		BLLW 1142 English for Academic Purposes	BLHW 2772 Appreciation of Ethics and Civilization / *BLHW 2752 Malaysia Culture		BTMW 4012 Technology Entrepreneurship				
			BLHW 1762 Philosophy and Current Issues						
University Elective Courses				BLLW ***2 Third Language					
Programme Core Course	BELG 1013 Technical Mathematics	BMIG 1023 Calculus for Technology	BMKG 2033 Applied Calculus for Technology	BERG 2043 Statistical Methods	BMIU 3804 Integrated Design Project		BMIU 4053 Engineering Ethics and OSHE		19
Faculty Core	BMID 1303 Engineering Drawing and CAD	BMID 2504 Advanced Engineering Graphics & CAD	BMIP 2333 Quality Control	BMID 3583 CAE	BMID 3533 Design for Manufacture & Assembly	BMIU 3764 Bachelor Degree Project I	BMIU 4774 Bachelor Degree Project I (Pre Requisite BMIU 3764)	BMIU 47812 Industrial Training	96
	BMID 1313 Statics	BMID 2333 Dynamics and Mechanics of Machine	BMID 2323 Solid Mechanics	BMID 2313 Thermofluids	BMID 3523 CNC Technology	BMID 3563 Production Tool Design	BMID 4013 Sustainable Development		
	BMIP 1313 Engineering Materials	BMID 2324 Product Design and Development	BMID 3543 Rapid Manufacturing	BELR 1343/ BMIW 1343 Computer Programming	BMIP 2343 Control System	BMID 3573 Design of Machine Element	BMIP 3354 Industrial Engineering		
	BMIP 1323 Manufacturing Processes	BMIP 2503 Measurement and Instrumentation		BMID 3553 Ergonomics Design		BMID 2514 Computer Aided Manufacturing			
	BMIW 1313 Principle of Electric and Electronic								
Electives Courses						BMI* 38*4 Elective 1	BMI* 48*4 Elective 2		8
Credits	19	20	18	19	17	20	18	12	143