

BMIP

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 1	BKK* ***1 Co-Curriculum 2	BLLW 2152 Academic Writing	BLHW 1762 Philosophy and Current Issues	BLLW 3162 English For Professional Interaction	BLHW 2792 Integrity and Anti-Corruption			20
		BLLW 1142 English for Academic Purposes	BLHW 2772 Appreciation of Ethics and Civilization / *BLHW 2752 Malaysia Culture		BTMW 4012 Technology Entrepreneurship				
			BLHC 4032 Critical and Creative Thinking						
University Elective Courses				BLLW ***2 Third Language					
Programme Core Course	BELG 1013 Technical Mathematics	BMIG 1023 Calculus for Technology	BMKG 2033 Advanced 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	BELR 1343/ BIMI 1343 Computer Programming	BMIP 2333 Quality Control	BMIP 2343 Control System	BMIP 3354 Industrial Engineering	BMIU 3764 Bachelor Degree Project 1	BMIU 4774 Bachelor Degree Project 2	BMIU 47812 Industrial Training	96
	BMID 1313 Statics	BMID 2333 Dynamics and Mechanics of Machine	BMID 2323 Solid Mechanics	BMID 2313 Thermofluid	BMIP 3533 Advanced Manufacturing Processes	BMIP 3563 Jigs & Fixtures	BMID 4013 Sustainable Development		
	BMIP 1313 Engineering Materials	BMIP 2543 Material Selection	BMIP 3523 Joining Technology	BMIP 3573 Materials Testing and Fracture Analysis	BMID 3523 Technology CNC	BMIP 2514 CAD / CAM	BMIP 3584 Advanced Machining		
	BMIP 1323 Manufacturing Processes	BMIP 2503 Measurement and Instrumentation		BMID 2324 Product Design and Development		BMID 3593 Plastic Technology			
	BMIW 1313 Principle of Electric and Electronic								
Electives Courses						BMI* 38*4 Elective 1	BMID 48*4 Elective 2		8
Credits	19	18	18	20	18	20	18	12	143

^ For international students only