

BMIW

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 2792 Integrity and Anti-Corruption					20
		BLLW 1142 English for Academic Purposes	BLHC 4032 Critical and Creative Thinking		BTMW 4012 Technology Entrepreneurship	BLLW 3162 English For Professional Interaction			
		BLHW 1762 Philosophy and Current Issues	BLHW 2772 Appreciation of Ethics and Civilization / *BLHW 2752 Malaysia Culture						
University Elective Courses				BLW ***2 Third Language					
Programme Core Course	BELG 1013 Technical Mathematics	BMIG 1023 Calculus for Technology	BERG 2043 Statistical Methods	BMKT 2033 Applied Calculus for Technology	BM** ***0 Professional Certificate Preparation Course		BMIU 4053 Engineering Ethics and OSHE		15
Faculty Core	BMID 1313 Statics	BMID 2333 Dynamics and Mechanics of Machine	BMID 2323 Solid Mechanics	BMIW 2333 Additive Manufacturing	BMIU 3804 Integrated Design Project	BMIW 3383 Industrial Internet of Things	BMIW 4113 Engineering Financial and Project Management	BMIU 47812 Industrial Training	96
	BELR 1343/ BMIW 1343 Computer Programming	BMIP 1313 Engineering Materials	BMIP 2343 Control System	BMIW 2343 Product Design and Manufacturing	BMIW 3113 Applied Industrial Engineering	BMIW 3223 Visual Design & Manufacturing	BMIU 4774 Bachelor Degree Project 2		
	BMID 1303 Engineering Drawings And CAD	BMID 2313 Thermofluids	BMIP 2503 Measurement & Instrumentation	BMIP 2333 Quality Control	BMIW 2323 Data Management and Process Optimization	BMIP 3533 Advanced Manufacturing Processes	BMID 4013 Sustainable Development		
	BMIW 1313 Principle of Electric and Electronics	BMIW 1213 Solid Modelling		BMIW 1303 CAD / CAM & CNC Tech.	BMIW 3133 Supply Chain Management	BMIU 3764 Bachelor Degree Project 1			
	BMIP 1323 Manufacturing Processes								
Electives Courses					BMIW ***3 Elective 1	BMIW ***3 Elective 2	BMIW ***3 Elective 3		12
							BMIW ***3 Elective 4		
Credits	19	20	18	19	18	18	19	12	143

^ For international students only