

The Hong Kong University of Science and Technology
Academy of Interdisciplinary Studies

An Example on Student's Pathway (as of Aug 05, 2026)

DAGBM
(Via DDP PBA)

2026-27 Intake

School:		School of Engineering and School of Business Management				Student's Pathway											Remarks									
Program:		Dual Degree Program (BEng in Decision Analytics and BBA in General Business Management)																								
Course Offering Dept. (course code prefix)	Course Code	Course Title / Courses List											Credits	Year 1 Fall											Sub-total	
														Year 1 Spring	Year 2 Fall	Year 2 Spring		Year 3 Fall	Year 3 Spring	Year 4 Fall	Year 4 Spring	Year 5 Fall	Year 5 Spring			
														Year 1 Fall	Year 2 Spring	Year 3 Spring		Year 4 Spring	Year 5 Spring	Year 6 Spring	Year 7 Spring	Year 8 Spring	Year 9 Spring	Year 10 Spring		
BEng in Decision Analytics																										
Engineering Fundamental Courses																										
IEDACOMP		New: IEDA 1180 OR COMP 1023 OR COMP 2011 OR COMP 2026											3-6													
IEDA	1180	COMP 2026											3	3								0	Students should take COMP 1023, COMP 2011 or COMP 2026 which will also be used to substitute ISOM 2010 and to waive ISOM 2020			
COMP	1023	Python for Analytics											3													
COMP	2011	Introduction to Python Programming											4													
COMP	2026	Honors Object-Oriented Programming and Data Structures											5													
CHEMPHYS		New: CHEM1012 OR PHYS1112 OR PHYS1312											3													
CHEM	1012	General Chemistry II: Atomic Structure, Molecules, and Bonding Theories											3	3								3	DDP students should take MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEng and BBA degrees			
PHYS	1112	General Physics I with Calculus											3													
PHYS	1312	Honors General Physics I											3													
New: [MATH 1013 OR MATH 1023] AND [MATH 1014 OR MATH 1024] OR [MATH 1020]												4-6														
MATH	1013	Calculus I											3										6			
MATH	1014	Calculus II											3	3	3											
MATH	1020	Accelerated Calculus											3													
MATH	1023	Honors Calculus I											3													
MATH	1024	Honors Calculus II											3													
MATH	2011	Introduction to Multivariable Calculus											3			3						3				
MATH	2111	Matrix Algebra and Applications											3				3					3				
Required Credits for Engineering Fundamental Courses												16-20	9	3	3	3	3	0	0	0	0	0	15			
Major Required Courses and Electives																										
IEDA	1070	Academic and Professional Development I											0				0	0					0			
IEDA	1020	Academic and Professional Development II											0					0	0				0			
IEDA	1901	Industrial Training and Experience											0										0			
IEDA	2010	Introduction of Industrial Engineering and Decision Analytics											3			3							3			
IEDA	2520	Probability for Engineers											3			3							6			
IEDA	2540	Statistics for Engineers											3				3						6			
																						This course will also be used to substitute ISOM2500				
IEDA	3010	Prescriptive Analytics											3					3					3			
IEDA	3230	Engineering Economics and Accounting											3			3							3			
IEDA	3250	Stochastic Models											3				3						3			
IEDA	3300	Industrial Data Systems											3			3							3			
IEDA	3580	Predictive Analytics											3					3					3			
New: IEDA4001 OR IEDA4020												6														
IEDA	4001	Final Year Thesis											6								3	3	6			
IEDA	4020	Decision Analytics Final Year Project											6													
ECON	2103	Principles of Microeconomics											3										3			
ECON	2113	Macroeconomics											3					3								
IEDAVISOM		Area Electives (5 courses from the specified elective list, of which all 5 courses should be taken from the same area)											15						3	6	3	3	15			
BEng in Decision Analytics Major Requirements												48	0	0	0	9	6	9	6	6	3	6	3	48		
BBA in General Business Management																										
School Requirements																										
ADCT	2010	Principles of Accounting I											3	3									3			
ADCT	2009	Principles of Accounting II											3		3								3			
ECON	2103	Principles of Microeconomics											3										0			
ECON	2113	Macroeconomics											3				(3)									
ECON	2123	Principles of Macroeconomics											3							3						
FINA	2303	Financial Management											3				3						3			
ISOM	2010	Introduction to Information Systems											3	-	-	-	-	-	-	-	-	-	0			
ISOM	2020	Coding for Business											1	-	-	-	-	-	-	-	-	-	0			
ISOM	2500	Business Statistics											3	-	-	-	-	-	-	-	-	-	0			
ISOM	2600	Introduction to Business Analytics											1	-	-	-	-	-	-	-	-	-	1			
ISOM	2700	Operations Management											3	-						3			1			
MARK	2120	Marketing Management											3				3						3			
MGMT	2010	Business Ethics and the Individual											2					2					2			
MGMT	2110	Organizational Behavior											3				3						3			
MGMT	2130	Business Ethics and Social Responsibility											2						2				2			
MATH		New: MATH 1003 OR MATH 1013 OR MATH 1020 OR MATH 1023											3-4													
MATH	1003	Calculus and Linear Algebra											3													
MATH	1013	Calculus I											3		(3)								0			
MATH	1020	Accelerated Calculus											4													
MATH	1023	Honors Calculus I											3													
Required Credits for School Requirements												30-40	3	3	3	3	6	2	3	2	3	0	1	26		
Major Required Courses and Electives																										
SBM		SBM Electives (Any 9 courses offered by the departments under SBM, of which at least 4 courses are of 300-level or above.)											29										29			
Required Credits for Major Required Courses and Electives												29	0	0	0	0	0	3	4	7	3	6	6	29		
Additional Requirement for Dual Degree																										
Requirements for Dual Degree Program																										
TEMG	1011	T&M Professional Activities I											0	0	0								0			
TEMG	1012	T&M Professional Activities II											0			0	0						0			
TEMG	1013	T&M Professional Activities III											0					0	0				0			
TEMG	1014	T&M Professional Activities IV											0						0	0			0			
TEMG	1015	T&M Professional Activities V											0								0	0	0			
TEMG	3000	T&M Case Analysis and Product Innovation											3		3								3			
TEMG	4000	T&M Corporate Consulting Project											0.5								4		4			
Required Credits for Additional Requirements												7	0	3	0	0	0	0	0	0	4	0	0	7		
University Common Core Requirement																										
CORE	C1 - C10	U-CORE - Others											21	3	3	3		3	3	3	3		21			
CORE	C1 & C2	U-CORE - English Language											6	3	3								6			
MBAW	1905	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness											3	1	2								3			
Sub-total for University CORE												30	6	6	6	3	3	3	3	3	3	0	0	30		
												Term load (incl. free credits)														
												19	17	15	18	17	16	18	16	12	10		155			
												150##														