

The Hong Kong University of Science and Technology
Academy of Interdisciplinary Studies
An Example on Student's Pathway (as of Dec 21, 2025)

IDFINA 2025-26 Intake
(via DDP PBA)

			<< Selection of BSc major			<< Selection of BBA major																		
School:		Academy of Interdisciplinary Studies and School of Business Management			Student's Pathway																			
Program:		Dual Degree Program (BSc in Integrative Systems and Design and BBA in Finance)																						
Course Offering Dept. (course code prefix)	Course Code	Course Title / Courses List	Credits	Year 1 Fall	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 6 Fall	Year 6 Spring	Subtotal	Remarks							
BSc in Integrative Systems and Design																								
ISDN	1001	Introduction to Integrative Systems and Design	3	3												3								
ISDN	1004	Sketching	1		1											1								
ISDN	1007	From Design Thinking to Design Action: Defining Problems for 3 Better Solutions	3		3											3								
ISDN	1010	Academic and Professional Development I	0	0	0											0								
ISDN	1011	Industrial Training	0													0	Take in Winter or Summer							
ISDN	2001	Second Year Design Project I	1			1										1								
ISDN	2002	Second Year Design Project II	3				3									3								
ISDN	2010	Academic and Professional Development II	0			0	0									0								
ISDN	2200	Systems Thinking and Design	3						3							3								
ISDN	2300	Introduction to 3D Design	3			3										3								
ISDN	2400	Physical Prototyping	3				3									3								
ISDN	2601	Exploring the World Through Smart Mechatronics	3			3										3								
ISDN	2602	Internet of Things: Integrative System Design	3				3									3								
ISDN	2603	Materials, Shape and Design	3					3								3								
ISDN	3001	Third Year Design Project I	3						3							3								
ISDN	3002	Third Year Design Project II	3							3						3								
ISDN	3010	Academic and Professional Development III	0					0	0							0								
ISDN	3200	Graphic Communication	2						2							2								
ISDN	4001	Final Year Design Project I	4											4		4								
ISDN	4002	Final Year Design Project II	4												4	4								
ISDN	4010	Academic and Professional Development IV	0							0	0					0								
		Note: COMP1022P OR COMP1023 OR COMP2011 OR COMP2012H																						
COMP	1022P	Introduction to Computing with Java	3-5																					
COMP	1023	Introduction to Python Programming	3		3											3	Students should take COMP1022P, COMP 1023, COMP 2011 or COMP 2012H which will also be used to substitute ISOM 2010 and to waive ISOM 2020							
COMP	2011	Programming with C++	4																					
COMP	2012H	Honors Object-Oriented Programming and Data Structures	5																					
LANG	4036	Technical Communication II for ISDA and ISDN	3							3						3								
		Note: (MATH 1006 OR MATH 1013 OR MATH 1023 AND (MATH 1014 OR MATH 1024) OR MATH 1020) (Subject to approval of the program office, MATH 1014/1024 may be replaced by a COMP course)																						
MATH	1006	Calculus, Vectors, and Matrices	4	3	3												6							
MATH	1013	Calculus I	3																					
MATH	1014	Calculus II	3																					
MATH	1020	Accelerated Calculus	4																					
MATH	1023	Honors Calculus I	3																					
MATH	1024	Honors Calculus II	3																					
		Note: PHYS101 OR PHYS111 OR PHYS1112 OR PHYS1312																						
PHYS	1101	Introductory Physics	4	3													3							
PHYS	1111	General Physics I	3																					
PHYS	1112	General Physics I with Calculus	3																					
PHYS	1312	Honors General Physics I	3																					
ISDN/ENTR/ SBMT/EMG		Product Management and Entrepreneurship Electives (Courses 6 from the specified elective list, of which at least 1 course must be at 3000-level or above.)	6							3	3					6	DDP students could use ISOM 2700/MARK 2120 to satisfy part of the requirement of Product Management and Entrepreneurship Electives							
		Project-related Electives (Courses from the specified elective list, of which at least 12 credits should be at 3000-level or above and no more than 3 credits at 1000-level. Students should seek approval of their advisor for the choices of courses.)																						
ISDN/ISDN/ MATH			21					3	9	6	3					21								
Required credits for Major Requirements Courses and Electives			85-91	9	10	10	12	14	12	9	3	4	4			87								
BBA in Finance																								
School Requirements																								
ACCT	2010	Principles of Accounting I	3	3												3								
ACCT	2200	Principles of Accounting II	3								3					3								
		Note: ECON 2103 OR ECON 2113																						
ECON	2103	Principles of Microeconomics	3		3												3							
ECON	2113	Microeconomics	3																					
		Note: ECON 2123 OR ECON 3123																						
ECON	2123	Macroeconomics	3						3								3							
ECON	3123	Macroeconomic Theory I	3																					
FINA	2303	Financial Management	3				3									3	FINA 2303 is a major pre-requisite							
ISOM	2010	Introduction to Information Systems	3	-	-	-	-	-	-	-	-	-	-	-	-	0	COMP1022P, COMP 1023, COMP 2011 or COMP 2012H are more advanced computing courses as compared to ISOM 2010. Students SHOULD take COMP1022P, COMP 1023, COMP 2011 or COMP 2012H instead of ISOM 2010.							
ISOM	2020	Coding for Business	1	-	-	-	-	-	-	-	-	-	-	-	-	0	ISOM 2020 is waived for DDP students who have taken and passed COMP1022P, COMP 1023, COMP 2011 or COMP 2012H. The COMP courses are similar or more advanced coding (Python) courses as ISOM 2020.							
ISOM	2600	Business Statistics	3			3										3								
ISOM	2602	Introduction to Business Analytics	1													1	1							
ISOM	2700	Operations Management	3											3		3								
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								
		Note: MATH 1003 OR MATH 1013 OR MATH 1020 OR MATH 1023																						
MATH	1003	Calculus and Linear Algebra	3-4																					
MATH	1013	Calculus B	3		(3)												0							
MATH	1020	Accelerated Calculus	4																					
MATH	1023	Honors Calculus I	3																					
Required Credits for School Requirements			39-40	6	3	3	6	3	3	2	5	3	1			32								
Major Required Courses and Electives																								
FINA	3001	Key Skills for Finance Professionals (A)	1					1								1								
FINA	3103	Intermediate Investments	3					3								3								
FINA	3203	Derivative Securities	3						3							3								
FINA	3303	Intermediate Corporate Finance	3							3						3								
FINA	3810	Bloomberg Market Concepts Certification	0					0																
		Note: (ACCT 3010 AND ACCT 3020) OR ACCT 3030																						
ACCT	3010	Financial Accounting I	3								3						3							
ACCT	3020	Financial Accounting II	3																					
ACCT	3030	Intermediate Financial Accounting for Non-Accounting Majors	3																					
		Note: ISOM 3230 OR ISOM 3400																						
ISOM	3230	Business Programming in VBA	3								3						3							
ISOM	3400	Business Applications Development in Python	3																					
FINA		FINA 3000-level or above Electives (Any 3 courses of the subject and level as specified)	9									3	3	3	3	9								
Required Credits for Major Required Courses and Electives			25-28	0	0	0	0	0	4	6	6	3	3	3	3	25								
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	0								
TEMG	3850	T&M Case Analysis and Product Innovation	3		3											3								
TEMG	4950	T&M Corporate Consulting Project	3-5										4			4								
Required Credits for Additional Requirements			7	0	3	0	0	0	0	0	0	0	4	0	0	7								
University Common Core Requirements																								
CORE	C3 - C9	U CORE - Others	21			3						3	6	9	21									
CORE	C1 & C2	U CORE - English Language	6	3	3											6								
HMWU	1905	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness	3	1	2											3								
Sub-total for University CORE			30	4	5	3	0	0	0	0	0	3	6	9	30									
Term based (enroll free credits):																								
19 21 16 18 21 18 17 18 16 17																		181						