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

IDMGMT 2025-26 Intake
(Via DDP PBA)

<< Selection of BSc major   << Selection of BBA major   Student's Pathway

School: Academy of Interdisciplinary Studies and School of Business Management
Program: Dual Degree Program (BSc in Integrative Systems and Design and BBA in Management)

BSc in Integrative Systems and Design

Dept	Code	Course Title / Courses List	Credits	Y1 Fall	Y1 Spring	Y2 Fall	Y2 Spring	Y3 Fall	Y3 Spring	Y4 Fall	Y4 Spring	Y5 Fall	Y5 Spring	Sub-total	Remarks
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 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	3-5												
COMP	1022P	Introduction to Computing with Java	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	1023	Introduction to Python Programming	3												
COMP	2011	Programming with C++	4												
COMP	2012H	Honors Object-Oriented Programming and Data Structures	5												
LANG	4036	Technical Communication II for IEDA 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)	6-7												
MATH	1006	Calculus, Vectors, and Matrices	4	3	3									6	DDP students should take MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEng and BBA degrees
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: PHYS1101 OR PHYS1111 OR PHYS1112 OR PHYS1312	3-4												
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/ SBM/TEMG		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
ISDN/SENG/ MATH		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.)	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 Management
School Requirements

Dept	Code	Course Title / Courses List	Credits	Y1 Fall	Y1 Spring	Y2 Fall	Y2 Spring	Y3 Fall	Y3 Spring	Y4 Fall	Y4 Spring	Y5 Fall	Y5 Spring	Sub-total	Remarks
ACCT	2010	Principles of Accounting I	3	3										3	
ACCT	2200	Principles of Accounting II	3						3					3	
		Note: ECON 2103 OR ECON 2113	3												
ECON	2103	Principles of Microeconomics	3		3									3	
ECON	2113	Microeconomics	3												
		Note: ECON 2123 OR ECON 3123	3												
ECON	2123	Macroeconomics	3					3						3	
ECON	3123	Macroeconomic Theory I	3												
FINA	2303	Financial Management	3				3							3	
ISOM	2010	Introduction to Information Systems	3	-	-	-	-	-	-	-	-	-	-	0	COMP 1023, COMP 1022P, COMP 2011 and COMP 2012H are more advanced computing courses as compared to ISOM 2010. Students SHOULD take COMP1023 or COMP2011 or COMP2012H instead of ISOM 2010.
ISOM	2020	Coding for Business	1	-	-	-	-	-	-	-	-	-	-	0	ISOM 2020 is waived for DDP students who have taken and passed COMP 1023 or COMP 1029P or COMP2011 or COMP2012H. These two COMP courses are similar or more advanced coding (Python) courses as ISOM 2020.
ISOM	2500	Business Statistics	3			3								3	
ISOM	2600	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 2110 is a major pre-requisite
MGMT	2130	Business Ethics and Social Responsibility	2								2			2	
		Note: MATH 1003 OR MATH 1013 OR MATH 1020 OR MATH 1023	3-4												
MATH	1003	Calculus and Linear Algebra	3	(3)										0	DDP students should take MATH 1013 and MATH 1023 or MATH 1020 to satisfy the requirements of both BEng and BBA degrees
MATH	1013	Calculus I	3												
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	2	3	1	32	

Major Required Courses and Electives

Dept	Code	Course Title / Courses List	Credits	Y1 Fall	Y1 Spring	Y2 Fall	Y2 Spring	Y3 Fall	Y3 Spring	Y4 Fall	Y4 Spring	Y5 Fall	Y5 Spring	Sub-total	Remarks
		Note: MGMT 3110 OR MGMT 3120 (For students in the Consulting Option, they will use MGMT 3110 to fulfill the Option Requirements and should take MGMT 3120 to fulfill this requirement.)	4					4						4	Students in the Consulting Option must take MGMT 3120
MGMT	3110	Human Resources Management	4												
MGMT	3120	Managerial Leadership	4												
		Note: MGMT 3130 OR MGMT 3140 (Students in the Consulting Option must take MGMT 3140 to fulfill this requirement.)	4						4					4	Students in the Consulting Option must take MGMT 3140
MGMT	3130	Judgement and Decision Making in Organizations	4												
MGMT	3140	Negotiation	4												
		Note: MGMT 4210 OR MGMT 4220 (Students in the Consulting Option or in the Corporate Social Responsibility and Sustainability Option must take MGMT 4210 to fulfill this requirement.)	3-4							3				3	Students in the Consulting Option must take MGMT 4210; Students in the CSR Option must take MGMT 4210
MGMT	4210	Corporate Strategy	3												
MGMT	4220	Entrepreneurship and Innovation	4												
MGMT		3000-level or above Electives (Any 3 courses of the subject and level as specified. Courses taken as Option Required Courses may not be counted towards the elective requirement.)	9								3	3	3	9	Students in the Consulting Option are recommended to take MGMT 4220 and a new course in Simulating Strategy to fulfill the major elective requirement
		Required Credits for Major Required Courses and Electives	26-27	0	0	0	0	4	4	3	3	3	3	20	

Additional Requirement for Dual Degree
Requirements for Dual Degree Program

Dept	Code	Course Title / Courses List	Credits	Y1 Fall	Y1 Spring	Y2 Fall	Y2 Spring	Y3 Fall	Y3 Spring	Y4 Fall	Y4 Spring	Y5 Fall	Y5 Spring	Sub-total	Remarks
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	To graduate, students should complete ALL requirements as specified for DDP.
TEMG	1015	T&M Professional Activities V	0									0	0	0	
TEMG	3950	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	4	0	0	7	
														6	
CORE	C3 - C9	U CORE - Others	21			3				3	3	6	6	21	
CORE	C1 & C2	U CORE - English Language	6	3	3									6	
HMAW	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	3	3	6	6		30	
		Term load (excl. free credits)		19	21	16	18	21	19	17	15	16	14	176	

176##

Notes:
( ) indicates the reuse of the same course to fulfill more than one requirement.
* Courses offered in winter term
^ Courses offered in summer term
--- denotes the course/requirement is either waived or substituted
To graduate, students should complete all requirements as specified for DDP.

**Remarks on course(s):

>> The content of this example is not necessarily equivalent to a complete list of graduation requirements of the program. Students should refer to the Program Catalog/UG Curriculum Handbook for updated graduation requirements. For up-to-date information on course offering and scheduling, students should check it out from respective School and Department.