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

IDECON 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 Economics)													

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	Sub-total	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 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 Thorugh 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	
COMP COMP COMP COMP	1022P 1023 2011 2012H	Note: COMP1022P OR COMP1023 OR COMP2011 OR COMP2012H — Introduction to Computing with Java / Introduction to Python Programming / Programming with C++ / Honors Object-Oriented Programming and Data Structures	3-5 / 3 / 3 / 4 / 5		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
LANG	4036	Technical Communication II for IEDA and ISDN	3							3				3	
MATH MATH MATH MATH MATH MATH	1006 1013 1014 1020 1023 1024	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) — Calculus, Vectors, and Matrices / Calculus I / Calculus II / Accelerated Calculus / Honors Calculus I / Honors Calculus II	6-7 / 4 / 3 / 3 / 4 / 3 / 3	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
PHYS PHYS PHYS PHYS	1101 1111 1112 1312	Note: PHYS1101 OR PHYS1111 OR PHYS1112 OR PHYS1312 — Introductory Physics / General Physics I / General Physics I with Calculus / Honors General Physics I	3-4 / 4 / 3 / 3 / 3	3										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 Economics															
School Requirements															
ACCT	2010	Principles of Accounting I	3	3										3	
ACCT	2200	Principles of Accounting II	3						3					3	
ECON ECON	2103 2113	Note: ECON 2103 OR ECON 2113 — Principles of Microeconomics / Microeconomics	3 / 3		3									3	ECON 2103 / 2113 / 2123 is a major pre-requisite
ECON ECON	2123 3123	Note: ECON 2123 OR ECON 3123 — Macroeconomics / Macroeconomic Theory I	3 / 3							3				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, COMP 1022P, COMP 2011 and COMP 2012H. 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	2130	Business Ethics and Social Responsibility	2								2			2	
MATH MATH MATH MATH	1003 1013 1020 1023	Note: MATH 1003 OR MATH 1013 OR MATH 1020 OR MATH 1023 — Calculus and Linear Algebra / Calculus I / Accelerated Calculus / Honors Calculus I	3-4 / 3 / 3 / 4 / 3	(3)										0	DDP students should take MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEng and BBA degrees
		Required Credits for School Requirements	39-40	6	3	3	6	0	3	5	2	3	1	32	
Major Required Courses and Electives															
ECON	3014	Managerial Microeconomics	4					4						4	
ECON	3024	Managerial Macroeconomics	4						4					4	
ECON	3334	Introduction to Econometrics	4							4				4	
ECON		ECON 4000-level Electives (Any 3 courses of the subject and level as specified)	11								4	4	3	11	
		Required Credits for Major Required Courses and Electives	23	0	0	0	0	4	4	4	4	4	3	23	
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	To graduate, students should complete ALL requirements as specified for DDP.
TEMG	1014	T&M Professional Activities IV	0							0	0			0	
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	
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	
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	0	0	3	6	9	30	
		Term load (excl. free credits)		19	21	16	18	18	19	18	16	17	17	**179**	
								179##							

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.