

Admission to IPO programs

School:		Interdisciplinary Programs Office		Student's Pathways (i.e. Study Pattern)										Remarks
Department:		Interdisciplinary Programs Office		Pathway 1										
Program:		BSc in Risk Management and Business Intelligence		Background: Admitted to SSCI in Year 1										
				Profile: Normative. Students to graduate in BSc RMBI with Business Intelligence Option										
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	Sub-total		
Major Requirements														
Fundamental Courses														
COMP		Note: COMP 1021 OR COMP 1022P OR COMP 1022Q	3									3		
COMP	1021	Introduction to Computer Science	3	3								3		
COMP	1022P	Introduction to Computing with Java	3									3		
COMP	1022Q	Introduction to Computing with Excel VBA	3									3		
ISOM	2010	Introduction to Information Systems	3				3					3		
LABU	2051	Business Case Analyses I	2			2						2		
LABU	2052	Business Case Analyses II	2				2					2		
MATH		Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)] OR [MATH 1020]	4-7									6		
MATH	1012	Calculus IA	4									4		
MATH	1013	Calculus IB	3									3		
MATH	1014	Calculus II	3	3	3							6		
MATH	1020	Accelerated Calculus	4									4		
MATH	1023	Honors Calculus I	3									3		
MATH	1024	Honors Calculus II	3									3		
Required credits for Fundamental Courses			14-17									16		
Major Required Courses and Electives														
RMBI	2001	Academic and Professional Development in Risk Management and Business Intelligence	0			0	0	0	0	0	0	0		
RMBI	3110	Introduction to Risk Management and Business Intelligence	3					3				3		
RMBI	4110	Financial Service Operations Management	3					3				3		
RMBI	4210	Quantitative Methods for Risk Management	3							3		3		
RMBI	4310	Advanced Data Mining for Risk Management and Business Intelligence	3						3			3		
RMBI	4980	Risk Management and Business Intelligence Capstone Project I	4							4		4		
RMBI	4990	Risk Management and Business Intelligence Capstone Project II	4								4	4		
ACCT	2010	Principles of Accounting I	3			3						3		
COMP/ISOM		Note: COMP 4331 OR ISOM 3360 (Students in the Business Intelligence Option should take COMP 4331)	3					3				3		
COMP	4331	Data Mining	3					3				3		
ISOM	3360	Data Mining for Business Analytics	3									3		
ECON	2123	Macroeconomics	3			3						3		
FINA	2203	Fundamentals of Business Finance	3				3					3		
FINA	3103	Intermediate Investments	3						3			3		
ISOM	2700	Operations Management	3				3					3		
ISOM	3540	Introduction to Probability Models	3					3				3		
ISOM	3710	Management Science	4						4			4		
MATH	2011	Introduction to Multivariable Calculus	3				3					3		
MATH	2111	Note: MATH 2111 OR MATH 2121	3-4									3		
MATH	2121	Matrix Algebra and Applications	3			3						3		
MATH	2121	Linear Algebra	4									4		
MATH	2411	Applied Statistics	4			4						4		
Required credits for Major Required Courses and Electives			55-56									55		
Option Requirements														
<i>Business Intelligence Option</i>														
COMP	2011	Introduction to Object-oriented Programming	4					4				4		
COMP	3311	Database Management Systems	3						3			3		
COMP		Business Intelligence Electives (1 course from the specified elective list)	3							3		3		
Required credits for Business Intelligence Option			10									10		
University CORE														
CORE	C3 - C12	U CORE - Others	30	3	3	3	3		3	9	6	30		
CORE	C1 & C2	U CORE - English Language	6	3	3							6		
Sub-total for University CORE			36									36		
Term load (excl. free credits)														
				12	9	18	17	16	16	16	13			
107 (w/o option) 117 (w/ option)#														

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Note:
 # To graduate, students should complete at least 120 credits in approved courses. They may need to take courses additional to the required and elective courses as specified above to meet this minimum credit requirement.

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The Hong Kong University of Science and Technology
Interdisciplinary Programs Office
 An Example on Student's Pathway (as of 23 July 2018)

RMBI
via SBM

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