The Hong Kong University of Science and Technology

School of Business and Management

An Example on Student's Pathway (as of 2 August 2021)

<< Declaration of major

School:		**School of Business and Management**		Student's Pathways (i.e. Study Pattern)												
Department:		**Department of Information Systems, Business Statistics and Operations Management**		Pathway 1												
Program:		**BSc in Risk Management and Business Intelligence**		Background: Admitted to SBM 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**	**Remarks**			
Major Requirements																
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				
ECON	2123	Macroeconomics	3			3						3				
FINA	2203	Fundamentals of Business Finance	3				3					3				
FINA	3103	Intermediate Investments	3						3			3				
ISOM	2010	Introduction to Information Systems	3				3					3				
ISOM	2700	Operations Management	3				3					3				
ISOM/COMP		Note: ISOM 3360 OR COMP 4331 (Students in the Business Intelligence Option should take COMP 4331)	3													
ISOM	3360	Data Mining for Business Analytics	3					3				3				
COMP	4331	Data Mining	3													
ISOM	3540	Introduction to Probability Models	3					3				3				
ISOM	3710	Business Modeling and Optimization	4						4			4				
COMP		Note: COMP 1021 OR COMP 1022P OR COMP 1022Q	3													
COMP	1021	Introduction to Computer Science	3													
COMP	1022P	Introduction to Computing with Java	3			3						3				
COMP	1022Q**	Introduction to Computing with Excel VBA	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													
MATH	1012	Calculus IA	4													
MATH	1013	Calculus IB	3													
MATH	1014	Calculus II	3	3	3							6				
MATH	1020	Accelerated Calculus	4													
MATH	1023	Honors Calculus I	3													
MATH	1024	Honors Calculus II	3													
MATH	2011	Introduction to Multivariable Calculus	3				3					3				
MATH		Note: MATH 2111 OR MATH 2121	3-4													
MATH	2111	Matrix Algebra and Applications	3				3					3				
MATH	2121	Linear Algebra	4													
MATH	2411	Applied Statistics	4			4						4				
		Required credits for Major Required Courses and Electives	69-73									71				
Option Requirements																
Business Intelligence Option																
COMP	2011	Programming with C++	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	15	20	16	16	16	13					
				107 (w/o option) | 117 (w/ option)#												

<< Declaration of major

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.

**Remarks on course(s):

- COMP 1022Q: The course was last offered in 2019-20 and was deleted subsequently.

>> 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.

2021-22 RMBI (4Y) (2018-19 intake)