The Hong Kong University of Science and Technology
Interdisciplinary Programs Office
An Example on Student's Pathway (as of 24 July 2017)

RMBI
via SSCI

Admission to IPO programs

School:	Interdisciplinary Programs Office			Student's Pathways (i.e. Study Pattern)									
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	Remarks
Major Requirements													
Fundamental Courses													
COMP		Note: COMP 1021 OR COMP 1022P OR COMP 1022Q	3										
COMP	1021	Introduction to Computer Science	3	3								3	
COMP	1022P	Introduction to Computing with Java	3										
COMP	1022Q	Introduction to Computing with Excel VBA	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										
MATH	1012	Calculus IA	4										
MATH	1013	Calculus IB	3	3	3							6	
MATH	1014	Calculus II	3										
MATH	1020	Accelerated Calculus	4										
MATH	1023	Honors Calculus I	3										
MATH	1024	Honors Calculus II	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										
ISOM	3360	Data Mining for Business Analytics	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	Matrix Algebra and Applications	3			3						3	
MATH	2411	Applied Statistics	4			4						4	
Required credits for Major Required Courses and Electives			55									55	
Option Requirements													
Business Intelligence Option													
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)#									

Admission to IPO programs

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.

>> 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.

2017-18 RMBI (4Y) (2017-18 intake)

The Hong Kong University of Science and Technology
Interdisciplinary Programs Office
An Example on Student's Pathway (as of 24 July 2017)

RMBI
via SENG

Admission to IPO programs

School:	Interdisciplinary Programs Office			Student's Pathways (i.e. Study Pattern)									
Department:	Interdisciplinary Programs Office			Pathway 1									
Program:	BSc in Risk Management and Business Intelligence			Background: Admitted to SENG 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													
Fundamental Courses													
COMP		Note: COMP 1021 OR COMP 1022P OR COMP 1022Q	3										
COMP	1021	Introduction to Computer Science	3	3								3	
COMP	1022P	Introduction to Computing with Java	3										
COMP	1022Q	Introduction to Computing with Excel VBA	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										
MATH	1012	Calculus IA	4										
MATH	1013	Calculus IB	3	3	3							6	
MATH	1014	Calculus II	3										
MATH	1020	Accelerated Calculus	4										
MATH	1023	Honors Calculus I	3										
MATH	1024	Honors Calculus II	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										
ISOM	3360	Data Mining for Business Analytics	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	Matrix Algebra and Applications	3			3						3	
MATH	2411	Applied Statistics	4			4						4	
		Required credits for Major Required Courses and Electives	55									55	
Option Requirements													
Business Intelligence Option													
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)#**							

Admission to IPO programs

Note:

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The Hong Kong University of Science and Technology
Interdisciplinary Programs Office
An Example on Student's Pathway (as of 24 July 2017)

RMBI
via SBM

School:	Interdisciplinary Programs Office							Student's Pathways (i.e. Study Pattern)						
Department:	Interdisciplinary Programs Office							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

Admission to IPO programs

Major Requirements

Fundamental Courses

			Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Sub-total	Remarks
COMP		Note: COMP 1021 OR COMP 1022P OR COMP 1022Q	3			3						3	
COMP	1021	Introduction to Computer Science	3										
COMP	1022P	Introduction to Computing with Java	3										
COMP	1022Q	Introduction to Computing with Excel VBA	3										
ISOM	2010	Introduction to Information Systems	3				3					3	
LABU	2051	Business Case Analyses I	2			2						2	
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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	3	3							6	
MATH	1013	Calculus IB	3										
MATH	1014	Calculus II	3										
MATH	1020	Accelerated Calculus	4										
MATH	1023	Honors Calculus I	3										
MATH	1024	Honors Calculus II	3										
		Required credits for Fundamental Courses	14-17									16	

Major Required Courses and Electives

			Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Sub-total	Remarks
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	
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RMBI	4990	Risk Management and Business Intelligence Capstone Project II	4								4	4	
ACCT	2010	Principles of Accounting I	3	3								3	
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COMP	4331	Data Mining	3										
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ECON	2123	Macroeconomics	3			3						3	
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ISOM	3710	Management Science	4							4		4	
MATH	2011	Introduction to Multivariable Calculus	3				3					3	
MATH	2111	Matrix Algebra and Applications	3				3					3	
MATH	2411	Applied Statistics	4			4						4	
		Required credits for Major Required Courses and Electives	55									55	

Option Requirements

Business Intelligence Option

			Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Sub-total	Remarks
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

			Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Sub-total	Remarks
CORE	C3 - C12	U CORE - Others	30	3	6	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)								
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