## The Hong Kong University of Science and Technology Interdisciplinary Programs Office

An Example on Student's Pathway (as of 24 July 2017)



Admission to IPO programs

						<u> </u>							
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: N	ormative.	Students to	o graduate	in BSc RM	BI with Bus	siness Inte	lligence Op	otion	
Course	Course Code	Course Title / Courses List											
Offering						-							
Dept /					¥	ļ	¥		¥		¥		
course code prenx				Ye	ar	Ye	ar	Ye	ear :	Ye	ear -	S	
			ç	ar 1	1 Sr	ar 2	S SI	ar 3	ŝ	ar 4	4 Sp	ц р	
			edit	Fa	oring	Б	orin	Fa	orin	Γa	orin	lota	Bemarks
Maior Requi	rements		U U		Q	. =	Q	. =	Q		Q		lioniano
Eundamental Co													
	ouises	Note: COMP 1021 OB COMP 1022P OB COMP 10220	3	1	T		1	T		T	1		1
COMP	1021	Introduction to Computer Science	3	2		1						0	
COMP	1022P	Introduction to Computing with Java	3	3								3	
ISOM	2010	Introduction to Computing with Excel VBA	3			i —	2					2	ł
	2051	Business Case Analyses I	2			0	3					3	ł
LABU	2052	Business Case Analyses II	2			2	2					2	ł
MATH	2002	Note: [(MATH 1012 OB MATH 1013 OB MATH 1023) AND	4-7			<del> </del>	2					2	ł
		(MATH 1014 OR MATH 1024)] OR [MATH 1020]				i							
MATH	1012	Calculus IA	4			-							
MATH	1013	Calculus II	3	3	3	ļ						6	
MATH	1020	Accelerated Calculus	4			i							
MATH	1023	Honors Calculus I	3			i				1			
	1024	Honors Calculus II	3			Į							
Malan Daminad		Required credits for Fundamental Course	<b>es</b> 14-1/	-		I						16	
Major Required	Courses and Elect	IVes		п	1		-	-		-	1	1	1
וסואח	2001		; 0			0	0	0	0	0	0	0	
RMBI	3110	Introduction to Risk Management and Business Intelligence	3					3		1		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			i			3	1		3	
RMBI	4980	Risk Management and Business Intelligence Capstone Project I	4			İ				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	3										
COMP	4331	Intelligence Option should take COMP 4331)	3			Ī		3				3	
ISOM	3360	Data Mining for Business Analytics	3			1							
ECON	2123	Macroeconomics	3			3						3	
FINA	2203	Fundamentals of Business Finance	3			1	3					3	
FINA	3103	Intermediate Investments	3			1			3			3	1
ISOM	2700	Operations Management	3			1	3					3	
ISOM	3540	Introduction to Probability Models	3					3				3	
ISOM	3710	Management Science	4			1			4			4	
MATH	2011	Introduction to Multivariable Calculus	3			i	3					3	1
MATH	2111	Matrix Algebra and Applications	3			3						3	1
MATH	2411	Applied Statistics	4			4						4	
		Required credits for Major Required Courses and Elective	<b>es</b> 55			Î						55	
Option Requirer	ments												
Business Intelligend	ce Option												
COMP	2011	Introduction to Object-oriented Programming	4			1		4				4	
COMP	3311	Database Management Systems	3			Ī			3			3	1
COMP		Business Intelligence Electives (1 course from the specified elective list)	3			l				3		3	
	· ·	Required credits for Business Intelligence Optic	<b>on</b> 10			L						10	
University C	ORE				-	-		-					
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	!	1	1	l –	1	1	6	1
		Sub-total for University COR	<b>RE</b> 36		1	Ī		1			1	36	1
			•		•		Ferm load (e	xcl. free cred	its)			1	
				12	9	18	17	16	16	16	13	1	
						107	(w/o option	)   117 (w/ or	tion)#			1	
Note:				·		Admis	sion to I	PO proa	rams			-4	

# 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

<u>RMBI</u> via SENG

An Example on Student's Pathway (as of 24 July 2017)

Admission to IPO programs

						<u> </u>								
School: Interdisciplinary Programs Office					Student's Pathways (i.e. Study Pattern)									
Department:		Interdisciplinary Programs Office			Pathway 1							4		
Program: BSc in Risk Management and Business Intelligence				Backgrou	na: Admitte	ed to SENC								
		P			Profile: Normative. Students to graduate in BSc RMBI with Business Intelligence Option									
Course	Course Code	Course Title / Courses List				i							1	
Offering														
Dept /					×		ž		×		ž			
course code preix				ĭ	ear	i	ear	ĭ€	ear	ĭ€	ear	S		
			Q	ar	1 S	är	2 S	ar	а S	ar	4 S	- Ģ		
			edii	- F	prin	Ē	prin	5	prin	- <del>1</del>	prin	tota	Bomarka	
Major Poquir	omonto		ťs	∎ ≞	Ð	Ĩ	Ð	all I	Ð	all I	Ð	a	nemarks	
	ements													
Fundamental Co	urses		0	п	1		1	1	1	1	1	1	T	
COMP	1021	Introduction to Computer Science	3											
COMP	1022P	Introduction to Computing with Java	3	3		Ī						3		
COMP	1022Q	Introduction to Computing with Excel VBA	3	_		<u>.</u>								
	2010		3	_			3					3	<b>_</b>	
	2051		2	_		2						2		
	2052	Dusiness Case Analyses II	47	_		1	2					2		
MATH		(MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)] OR [MATH 1020]	4-7			i								
MATH	1012	Calculus IA	4			1								
MATH	1013	Calculus IB	3	3	3	I						6		
MATH	1014	Accelerated Calculus	4			i								
MATH	1023	Honors Calculus I	3			-								
МАТН	1024	Honors Calculus II	3			<u> </u>								
		Required credits for Fundamental Courses	<b>S</b> 14-17			Ī						16		
Major Required C	Courses and Electiv	/es											<b>-</b>	
RMBI	2001	Academic and Professional Development in Risk Management and Business Intelligence	0					0	0	0	0	0		
						0	0	0	0	U	0	U		
RMBI	3110	Introduction to Risk Management and Business Intelligence	3									2		
								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		
DMDI	4080	Dick Management and Rupingsa Intelligence Constant Project I	4			<u> </u>						-	<b> </b>	
	4500		-							4		4		
RMBI	4990	Risk Management and Business Intelligence Capstone Project II	4			1								
						1					4	4		
ACCT	2010	Principles of Accounting I	3			3						3	T	
COMP/ISOM		Note: COMP 4331 OR ISOM 3360 (Students in the Business	3											
COMP	4221	Intelligence Option should take COMP 4331)	2			i		3				3		
ISOM	3360	Data Mining Data Mining	3			i i								
ECON	2123	Macroeconomics	3			3						3	1	
FINA	2203	Fundamentals of Business Finance	3			İ	3					3	1	
FINA	3103	Intermediate Investments	3			i			3			3	1	
ISOM	2700	Operations Management	3				3					3	1	
ISOM	3540	Introduction to Probability Models	3			1		3				3	1	
ISOM	3710	Management Science	4			Ì			4			4	1	
MATH	2011	Introduction to Multivariable Calculus	3			1	3					3	1	
MATH	2111	Matrix Algebra and Applications	3			3						3	1	
MATH	2411	Applied Statistics	4			4						4	1	
		Required credits for Major Required Courses and Electives	55			î						55		
Option Requirem	ents			- 11									<u> </u>	
Business Intelligence	e Option													
COMP	2011	Introduction to Object-oriented Programming	4	1				4			1	4	Г	
COMP	3311	Database Management Systems	3			1			3			3	1	
COMP		Business Intelligence Electives (1 course from the specified elective list)	3			<u> </u>			-					
						<u> </u>				3		3		
		Required credits for Business Intelligence Option	<b>1</b> 10									10		
University CC	DRE													
CORE	C3 - C12	U CORE - Others	30	3	3	<b>3</b>	3	T	3	9	6	30	<u> </u>	
CORE	C1 & C2	U CORE - English Language	6	3	3	<del>l Ť</del>	Ť	1	Ť	Ť	Ť	6		
	1	Sub-total for University COBF	36		-	1		1			1	36	t	
					1	ı	erm load (e	cl, free credi	ts)	1	1		<u>.</u>	
				12	9	18	17	16	, 16	16	13	1		
					L Č	107	(w/o option)	117 (w/ on	tion)#			1		
Note:				L		Admis	sion to I	PO prog	rams			4		
								progr						

# 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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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)

<u>RMBI</u> via SBM

Admission to IPO programs

						Admis	31011 10 1	l o plog	lanis				
School: Interdisciplinary Programs Office							Student	's Pathway	s (i.e. Stuc	ly Pattern)			
Department:		Interdisciplinary Programs Office			Pathway 1								4
Program: BSc in Risk Management and Business Intelligence				Backgrou	ind: Admitte								
				Profile: N	ormative.	Students to	o graduate	in BSc RM	BI with Bus	siness Inte	lligence Op	otion	
-									1	1			-
Course	Course Code	Course Title / Courses List				I							
Dept /						i							
course code prefix				_	Yea	-	Yea	-	Yea	-	Yea		
			0	ear	r 1 (	ear	r 2 0	'ear	r 3 8	'ear	r 4 8	Sub	
			ired	-1 T	Spri	N T	Spri.	ωF	Spri	4 T	opri.	đ	
			its	all	ng	all	ng	all	ng	all	ng	tal	Remarks
Major Requir	rements												
Fundamental Co	ourses		2	- 11	1		1	1	1	1	1	1	T
COMP	1021	Introduction to Computer Science	3										
COMP	1022P	Introduction to Computing with Java	3			3						3	
ISOM	2010	Introduction to Computing with Excel VBA	3	_		i	2					2	ł
LABU	2051	Business Case Analyses I	2			2	5					2	
LABU	2052	Business Case Analyses II	2	_		-	2					2	
MATH		Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND	4-7			<u> </u>							
	1012	(MATH 1014 OR MATH 1024)] OR [MATH 1020]	4			Ī							
MATH	1012	Calculus IA	4 3			i							
MATH	1014	Calculus II	3	3	3	ł						6	
MATH MATH	1020	Accelerated Calculus Honors Calculus I	4			1							
МАТН	1024	Honors Calculus II	3			<u> </u>							
		Required credits for Fundamental Courses	<b>S</b> 14-17			1						16	
Major Required	Courses and Elect	ives	-		•								
RMBI	2001	Academic and Professional Development in Risk Management and Business Intelligence	0			0	0	0	0	0	0	0	
						Ŭ	Ŭ	Ū	Ŭ	0	0	0	
RMBI	3110	Introduction to Risk Management and Business Intelligence	3					3				3	
DMDI	4110	Einanaid Sanvias Operations Management	2	_		i					-	-	
BMBI	4110		3	_		<u>.</u>		3			0	3	
RMBI	4310	Advanced Data Mining for Risk Management and Business Intelligence	3								3	3	ł
			Ũ			1			3			3	
RMBI	4980	Risk Management and Business Intelligence Capstone Project I	4			Î				4		4	
2112						<u></u>				4		4	
RMBI	4990	Hisk Management and Business Intelligence Capstone Project II	4			1					4	4	
ACCT	2010	Principles of Accounting I	3	3								3	
COMP/ISOM		Note: COMP 4331 OR ISOM 3360 (Students in the Business	3										
001415	1001	Intelligence Option should take COMP 4331)				i		3				3	
ISOM	3360	Data Mining Data Mining for Business Analytics	3			i							
ECON	2123	Macroeconomics	3			3						3	
FINA	2203	Fundamentals of Business Finance	3			<u>i</u>	3					3	
FINA	3103	Intermediate Investments	3			Ī			3			3	
ISOM	2700	Operations Management	3			;	3					3	
ISOM	3540	Introduction to Probability Models	3			<u>.</u>		3				3	
ISOM	3710	Management Science	4	_		<u> </u>		_	4			4	
MATH	2011	Introduction to Multivariable Calculus	3	_		<u>I</u>	3					3	
	2111		3	_		<del>i .</del>	3					3	
MATTI	2411	Populied Statistics	4			4						4	
Option Boquiron	nonte	Required credits for Major Required Courses and Electives	5 55	I		<u> </u>						55	<u> </u>
Business Intelligence	e Option												
COMP	2011	Introduction to Object-oriented Programming	4	1	T	I		4			1	4	1
COMP	3311	Database Management Systems	3			1			3			3	ł
COMP		Business Intelligence Electives (1 course from the specified elective list)	3			:							
						1				3		3	<b> </b>
ļ		Required credits for Business Intelligence Option	<b>1</b> 10			<u> </u>						10	
University C	ORE												
CORE	C3 - C12	U CORE - Others	30	3	6	3			3	9	6	30	
CORE	C1 & C2	U CORE - English Language	6	3	3	<u>;                                    </u>						6	L
		Sub-total for University CORE	36			<u> </u>						36	
					T	-	Term load (e	xcl. free cred	its)	1	1	4	
				12	12	15	17	16	16	16	13	4	
Nete:	Nete					107	(w/o option)	DO 5755	nion)#			1	
INOLE:						AUIIIS	รเบท (O I	r u progi	ianis				

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