The Hong Kong University of Science and Technology Interdisciplinary Programs Office

DAGBM

2019-20 Intake

An Example on Student's Pathway

•						<< Declar	ation of ma	jor							
School:		School of Engineering and School of Business Management								Student's Pathy	vay				
Program:		Dual Degree Program (BEng in Decision Analytics and BBA in General Business Manage	ment)												
Course Offering			Q	Year	Year	Year	Year	Year	Year (Year	Year	Year	Year	Sub	
Dept□ (course code prefix)	Course Code	Course Title / Courses List	edits	1 Fall	1 Spring	2 Fall	2 Spring	3 Fall	3 Spring	4 Fall	1 Spring	5 Fall	· 5 Spring	Sub-total	Remarks
BEng	in Deci	sion Analytics													•
	equireme														
Engineerin	g Fundame	ntal Courses	344			:							1		
COMP	1021 1022P	Introduction to Computer Science Introduction to Computing with Java	3			i									This course will also be used to
COMP	1022Q 2011	Introduction to Computing with Excel VBA Programming with C++	3		3									3	substitute ISOM 2010
ENGG	1010	Academic Orientation	0	0	0	!								0	
CHEM	1010	Note: CHEM1010 OR CHEM1020 OR PHYS1112 OR PHYS1312	3			!									
CHEM PHYS	1020 1112	General Chemistry IA General Chemistry IB	3	3		i								3	
PHYS	1312	General Physics I with Calculus Honors General Physics I	3			:									
LANG	2030	Technical Communication I	3			:	3							3	
		Note: ((MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)] OR (MATH 1020)	4-7			!									
MATH MATH	1012 1013	Calculus IA Calculus IB	4 3			į									
MATH MATH MATH	1014 1020	Calculus II Accerterated Calculus	3	3	3	i								6	
MATH MATH	1023 1024	Honors Calculus II	3			•									
MATH	2011	Introduction to Multivariable Calculus	3			:	3							3	
MATH	2111	Matrix Algebra and Applications	3			3								3	
SENG		engineering introduction course (in the students take an introduction course included in their major, this course can be counted towards their major requirement.)	3-4		(3)	i								0	
		Required credits for Engineering Fundamental Courses	22-27											21	
		es and Electives													
IEDA	1010	Academic and Professional Development I	0			0	0	_						0	-
IEDA	1020	Academic and Professional Development II	0	 	1	 	1	0	0			-	1	0	1
IEDA IEDA	1990 1991	Industrial Training Industrial Experience	0	I		0	0	0	0	0	0	0	0	0	
IEDA	2520	Probaility for Engineers	3			3								3	
IEDA	2540	Statistics for Engineers	3				3							3	This course will also be used to substitute ISOM 2500
IEDA	3010	Prescriptive Analytics	3			ļ		3						3	
IEDA IEDA	3230 3250	Engineering Economics and Accounting Operations Research II**	3			<u> </u>	3							3	
IEDA	3300	Industrial Data Systems	3				3		3					3	
IEDA	3560	Predictive Analytics	3			:			3					3	
IEDA	4901	Note: IEDA490 FOR IEDA4920 Final Year Thesis	6			!						3	3	6	
IEDA ENGG	4920 2010	Decision Analytics Final Year Project Engineering Seminar Series	6			i									
		NOIB: ECONZTUS OR ECONZTTS		1		0	0	0	0					0	
ECON ECON	2103 2113	Principles of Microeconomics Microeconomics	3			3								3	
LANG	4032	Technical Communication II for Industrial Engineering and Decision Analytics	3			1			3					3	
IEDA		same area)	15			<u> </u>			3	6	3	3		15	
		Required credits for Major Required Courses and Electives	48			i								48	
		I Business Management													
ACCT	Requirem 2010	Principles of Accounting I	3			3			1			1		3	1
ACCT	2200	Principles of Accounting II	3			3			3					3	
ECON	2103	Principles of Microeconomics	3			i .				-				0	
ECON	2113	Microeconomics	3	·	·					-			-	U	
ECON ECON	2123 3123	Macroeconomics Macroeconomic Theory I	3			:						3		3	
FINA	2303	Financial Management	3			!					3			3	
ISOM	2010	Introduction to Information Systems	3	-	-		-	-	-	-	-	-	-	0	1021/1022P/1022Q/2011
ISOM	2020	Coding for Business	1			i e		1						1	
ISOM	2500	Business Statistics	3		-	<u> </u>	-	-	-	-	-	-	-	0	Substituted by IEDA2540
ISOM	2600 2700	Introduction to Business Analytics Operations Management	3	1	1		 	1	1		3	1		3	
MARK	2120	Marketing Management	3	i –		:	3				-			3	<u> </u>
MGMT	2010	Business Ethics and the Individual	2			2								2	
MGMT	2110	Organizational Behavior	3					3						3	
	0400		2				1	l		2	 	1		0	Waived for DDP students
MGMT	2130	Business Ethics and Social Responsibility Business Student Induction				-							1 .		waived for DDP students
SBMT	2130 1111 2040	Business Student Induction Business Case Analyses	0	-	-	-	-	3	-	-				3	
SBMT	1111	Business Student Induction	0	-	-	· ·	-	3	3						
SBMT LABU LABU	1111 2040 2060 1003	Business Student Induction Business Case Analyses Effective Communication in Business view: Instrument Induction In	3 3 3 4 3	-	-	 - 	-	3	3	-				3	DDP students should take MAT
SBMT LABU LABU MATH MATH	2040 2060 1003 1012 1013	Business Student Induction Business Case Analyses Effective Communication in Business Value was to recommend the Communication of Business Value was to recommend to recomm	0 3 3 3 4 3	(3)	-	· ·	-	3	3	-				3	1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy
SBMT LABU LABU MATH MATH	1111 2040 2060 1003 1012	Business Student Induction Business Case Analyses Effective Communication in Business Water Business Canada Communication in Business Calculus and Linear Algebra Calculus IA	3 3 4 4	(3)	-		-	3	3	-				3	1012 or MATH 1013 or MATH
SBMT LABU LABU MATH MATH MATH MATH	1111 2040 2060 1003 1012 1013 1020	Business Student Induction Business Case Analyses Effective Communication in Business Your Instruction of Business Your Instruction Control of the Control o	0 3 3 3 4 3	(3)	-		-	3	3					3	1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEno
SBMT LABU LABU MATH MATH MATH MATH MATH MATH MATH	1111 2040 2060 1003 1012 1013 1020 1023	Business Student Induction Business Case Analyses Effective Communication in Business Note: Business Case Analyses Calculus and Linear Algebra Calculus and Linear Algebra Calculus in Accessment Calculus in Recognition in Recognitio	3 3 3 4 3 4 3	(3)			-	3	3					3 3	1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEno
SBMT LABU LABU MATH MATH MATH MATH MATH MATH MATH MATH	1111 2040 2060 1003 1012 1013 1020 1023	Business Student Induction Business Case Analyses Effective Communication in Business Total Business Case Analyses Calculus and Linear Algebra Required credits for School Requirements The Required credits for School Requirements The Ses and Electives TOSSET EXEMPTER (THYS YOURSES USERS) OF the Support Colors School, or Walker in Busin 4 (2018)	0 3 3 3 4 3 4 3 4 3 4 3 4 3 4 4 3	(3)	-		-		3					3 3 0 0 33	1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEno
SBMT LABU LABU MATH MATH MATH MATH MATH MATH MATH	1111 2040 2060 1003 1012 1013 1020 1023	Business Student Induction Business Case Analyses Effective Communication in Business Induction Student Induction Student Induction Student Induction Induc	0 3 3 4 3 4 3 4 3 43-44	(3)	-		-	3	3	6	6	7	7	3 3 0 0 33	1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEno
SBMT LABU LABU MATH MATH MATH MATH MATH MATH MATH MATH	1111 2040 2060 1003 1012 1013 1020 1023 equireme	Business Student Induction Business Case Analyses Effective Communication in Business state: Instruction of Business clackdus IA Cackdus IA Cackdus IA Cackdus IA Cackdus II Required credits for School Requirements nts es and Electives DISSINITERATION OF SCHOOL REQUIREMENTS STATE CREATION OF SCHOOL REQUIREMENTS THE CREATION OF SCHOOL REQUIREMENTS Required credits for Major Required Courses and Electives Required credits for Major Required Courses and Electives	0 3 3 3 4 3 4 3 4 3 4 3 4 3 4 4 3	(3)	-		-		3	6	6	7	7	3 3 0 0 33	1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEno
SBMT LABU LABU MATH MATH MATH MATH MATH MATH MATH MATH	2040 2060 1003 1012 1013 1020 1020 1023 equireme uired Cours	Business Student Induction Business Case Analyses Effective Communication in Business Note: Instruction of Business Required credits for School Requirements Note: Required credits for School Requirements Note: Instruction of Business Note: Instru	0 3 3 4 3 4 3 4 3 43-44	(3)			-		3	6	6	7	7	3 3 0 0 33	1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEno
SBMT LABU LABU MATH MATH MATH MATH MATH MATH MATH MATH	1111 2040 2060 1003 1012 1013 1020 1023 204 204 204 205 205 205 205 205 205 205 205 205 205	Business Student Induction Business Case Analyses Effective Communication in Business state: Instruction of Business clackdus IA Cackdus IA Cackdus IA Cackdus IA Cackdus II Required credits for School Requirements nts es and Electives DISSINITERATION OF SCHOOL REQUIREMENTS STATE CREATION OF SCHOOL REQUIREMENTS THE CREATION OF SCHOOL REQUIREMENTS Required credits for Major Required Courses and Electives Required credits for Major Required Courses and Electives	0 3 3 4 3 4 3 4 3 43-44	(3)					3	6	6	7	7	3 3 0 0 33	1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEno
SBMT LABU LABU LABU MATH MATH MATH MATH MATH MATH MATH MATH	1111 2040 2060 1003 1012 1013 1020 1023 204 204 204 205 205 205 205 205 205 205 205 205 205	Business Student Induction Business Case Analyses Effective Communication in Business Note: Instruction of Business Required credits for School Requirements Note: Required credits for School Requirements Note: Instruction of Business Note: Instru	0 3 3 4 3 4 3 4 3 43-44	(3)	-	0	0		3	6	6	7	7	3 3 0 0 33	1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEno
SBMT LABU LABU LABU MATH MATH MATH MATH MATH MATH MATH MATH	1111 2040 2060 1003 1012 1013 1020 1023 equireme uired Cours	Dusiness Student Induction Business Case Analyses Effective Communication is Business Note: Business Case Analyses Effective Communication is Business Note: Business Case Analyses Calculus and Linear Algebra Calculus and Linear Algebra Calculus and Linear Algebra Required credits for School Requirements Ints es and Electives Dusant Educatives proy a counse overed by the departments order School, or which at least a counses are of 3000-level or above.) Required Courses and Electives Uirements - Dual Degree Program Tachnology and Management Professional Activities Case-based Problem Schong	0 3 3 3 4 3 4 3 4 3 4 3 4 29 29		0 2	0	0	3						3 3 0 3 33 29 29	1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEno
SBMT LABU LABU LABU MATH MATH MATH MATH MATH MATH SB&M Additio Requirer Required C TEMG TEMG	1111 2040 2060 1003 1012 1013 1020 1020 1023 equireme uired Cours mal Req ments for Courses 1010 3950	Business Student Induction Business Case Analyses Effective Communication in Business Note: Instruction of Business Required Calculus Note: Instruction of Business Note: Instruction of B	0 3 3 3 4 3 4 3 4 3 4 4 3 4 4 3 2 29 29			0	0	3						3 3 0 0 0 33 33 29 29 29 0 0	1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEno
SBMT LABU LABU LABU LABU MATH MATH MATH MATH MATH MATH MATH MATH	1111 2040 2060 1003 1012 1013 1020 1020 1020 1023 equireme uired Cours nal Req ments for Courses 1010 3950 ty CORE	Business Student Induction Business Cauch Analyses Effective Communication in Business Fundamental Cauchus Reculsia and Linear Algebra Calculus in A. Caere Angleria Calculus in B. Accelerated Cauchus Honora Calculus in Required credits for School Requirements nts es and Electives Soam Electives are of 3000-level or above.) Required credits for Major Required Courses and Electives uirements Dual Degree Program Technology and Management Professional Activities Cae-based Problem Solving Required credits for Additional Requirements	0 3 3 3 3 4 4 3 4 4 3 4 4 3 4 4 9 29 29		2		0	3		0	0			3 3 0 0 33 29 29 29 29	1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEno
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SBMT LABU LABU LABU LABU MATH MATH MATH MATH MATH MATH MATH MATH	1111 2040 2060 1003 1012 1013 1020 1020 1020 1023 equireme uired Cours nal Req ments for Courses 1010 3950 ty CORE	Business Student Induction Business Student Induction Business Case Analyses Electrice Communication in Business Total servin robs out servin robs out servin robs out servin robs Calculus and Linear Algebra Calculus IA Required credits for School Requirements INS es and Electives Possess and Electives Required credits for Major Required Courses and Electives INS Possess of 5000-lives for above) Required credits for Major Required Courses and Electives Institute of 5000-lives for above) Required Credits for Major Required Courses and Electives Institute of 5000-lives for above) Required credits for Major Required Robs and Electives Institute of 5000-lives for above) Required credits for Additional Requirements U CORE - English Longuage	0 3 3 3 3 4 4 3 4 4 3 4 4 3 4 4 9 29 29		2		0	3		0	0			3 3 0 0 33 29 29 29 29	1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEno
SBMT LABU LABU LABU MATH MATH MATH MATH MATH MATH MATH MATH	1111 2040 2060 1003 1012 1013 1020 20quireme uired Cours 1010 3950 ty CORE C3 - C12	Business Student Induction Business Case Analyses Effective Communication in Business Note: Business Case Analyses Effective Communication in Business Note: Business Case Analyses Calculus and Linear Algebra Calculus and Linear Algebra Calculus and Linear Algebra Required credits for School Requirements This Required credits for School Requirements This Required credits for School Requirements This Required Credits for Major Required Courses and Electives Uirements Dual Degree Program Technology and Management Professional Activities Case-based Problem Sching Required credits for Additional Requirements Uirone-Case-based Problem Sching Required credits for Additional Requirements U CORE - Others	0 3 3 3 3 4 4 3 4 4 3 4 4 3 4 4 3 2 9 2 9 2 9 2 9 2 9 2 9 2 9 2 9 2 9 2	0	2	0	0	0		0	0		0	3 3 0 0 333 29 29 29 29 22 2	1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEno
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SBMT LABU LABU LABU MATH MATH MATH MATH MATH MATH MATH MATH	1111 2040 2060 1003 1012 1013 1020 20quireme uired Cours 1010 3950 ty CORE C3 - C12	Business Student Induction Business Student Induction Business Case Analyses Electrice Communication in Business Total servin robs out servin robs out servin robs out servin robs Calculus and Linear Algebra Calculus IA Required credits for School Requirements INS es and Electives Possess and Electives Required credits for Major Required Courses and Electives INS Possess of 5000-lives for above) Required credits for Major Required Courses and Electives Institute of 5000-lives for above) Required Credits for Major Required Courses and Electives Institute of 5000-lives for above) Required credits for Major Required Robs and Electives Institute of 5000-lives for above) Required credits for Additional Requirements U CORE - English Longuage	0 3 3 3 3 4 4 3 4 4 3 4 4 3 4 4 3 2 9 2 9 2 9 2 9 2 9 2 9 2 9 2 9 2 9 2	0	6 3	14		3 3 Term load (e) 11 17 16 16 17 16 17 17 18 17 17 18 17 17 18 17 18 17 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18	0 O	0	0	0	0	3 3 0 0 333 29 29 29 29 22 2	1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEno

To graduate, students should complete all requirements specified for DDP

EDA3250 The course title will be changed to "Stochastic Models" starting from Spring, 2019-20.

^() indicates the reuse of the same course to fulfill more than one requirement.

--- denotes the course/requirement is either waived or substitued

>> 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.