The Hong Kong University of Science and Technology Interdisciplinary Programs Office An Example on Student's Pathway (as of July 22, 2022) -<> Declaration of IBEng major IBBA major

CIMARK 2022-23 Intake (Via DDP PBA)

						<< Decla BEng ma		<< Declar BBA maj							
School:		School of Engineering and School of Business Management					-			Student	s Pathway				
Program:		Dual Degree Program (PEng in Civil Engineering and PPA in Marketing)													
Program:		Dual Degree Program (BEng in Civil Engineering and BBA in Marketing)													
_				×	Yea	×	Year	×	Year	Y	Year	×	Year	s	Remarks
Course Offering Dept.	Course Code	Course Title / Courses List	Credits	Year 1	Year 1 Spring	Year 2 Fall	ar 2 S	Year 3	ar 3 S	Year 4 Fall	ar 4 S	Year 5	ar 5 S	Sub-total	
(course code prefix)			its	Fall	spring	Fall	2 Spring	Fall	r 3 Spring	Fall	4 Spring	Fall	5 Spring	otal	
BEng in Civ	vil Engineer	ing			g		<u>u</u>		g		u		<u>u</u>		
Major Require															
	damental Courses					-									
COMP	1021	Note: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H Introduction to Computer Science	3-5 3			1		!							Students should take COMP10
COMP	1022P 2011	Introduction to Computing with Java Programming with C++	3 4		3	 :		!						3	which will also be used to substi ISOM 2010 and to waive ISOM 2
COMP CHEM	2012H 1020	Honors Object-Oriented Programming and Data Structures General Chemistry I	5	3		ļ		<u> </u>						3	
ANG	2030	Technical Communication I	3											0	Waived for DDP students
		Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)] OR [MATH 1020]	4-7			: 		i							
ИАТН ИАТН	1012 1013	Calculus IA Calculus IB	4 3	3	3	i		i						6	
ИАТН ИАТН	1014 1020	Calculus II Accelerated Calculus	3 4	Ū	Ū			i						0	
МАТН МАТН	1023 1024	Honors Calculus I Honors Calculus II	3 3			į		į							
ИАТН	2011	Introduction to Multivariable Calculus	3			3		1						3	
ИАТН	2350	Applied Linear Algebra and Differential Equations Note: PHYS 1112 OR PHYS 1312	3			3		!				-		3	
PHYS PHYS	1112 1312	General Physics I with Calculus Honors General Physics I	3 3	3				ļ						3	
		Required credits for Engineering Fundamental Courses	22-27	9	6	6	0	0	0	0	0	0	0	21	
Major Required C	Courses and Elect	Academic Professional Development I	0	1		0	0	Ī						0	
IVL	1100	Discovering Civil and Environmental Engineering	3		1	3		: 				1	1	3	
CIVL	2010 2020	Academic Professional Development II Industrial and BIM Training	0			0*	0	0	0					0	
CIVL	2110	Statics	3			3	Ľ	1						3	
CIVL	2120	Mechanics of Materials	3			<u> </u>	3	<u>i</u>						3	This course will also be used
	2160	Modeling Systems with Uncertainties	3			3	2	<u> </u>						3	substitute ISOM 2500
CIVL	2170 2410	Infrastructure Systems Engineering and Management Environmental Assessment and Management	3			<u> </u>	3	!						3	
CIVL	2510	Fluid Mechanics	3				3	1						3	
CIVL	2810 3010	Construction Materials Academic Professional Development III	3			 		3		0	0			3	
CIVL	3020	Internship Training	0			ļ I		<u>.</u>		Ū	0^			0	
CIVL	3210 3310	Introduction to Construction Management	3			: 		3	3					3	
IVL	3320	Structural Analysis Reinforced Concrete Design	3			i		3	3					3	
CIVL	3510	Hydrosystems Engineering	3			l		3						3	
CIVL	3610 3730	Traffic and Transportation Engineering Fundamentals of Geotechnics	3			<u> </u>		<u>i</u>	3	3				3	
DIVL	3740	Geotechnical Analysis and Design	3					į			3			3	
		Note: CIVL 4910 OR CIVL 4920 (Students taking the Research 6 Option must take CIVL 4920)				!		!				3	3	6	
CIVL CIVL	4910 4920	Civil and Environmental Engineering Final Year Project Civil and Environmental Engineering Final Year Thesis	6 6					1				5	5	0	
CIVL	4950	Civil Engineering Capstone Design Project	3			 		<u> </u>				3		3	
ENGG _ANG	2010 4033	Engineering Seminar Series Technical Communication II for Civil and Environmental Engineering	0			0	0	0	0			3		0	
LANG	4033	CIVL Electives (3 courses from the specified elective list)	3			; i		1				3		3	
CIVL/SENG		CIVL: Any CIVL courses at 4000-level or above except CIVL 4230 SENG: Any 3000-level or above courses offered by the Engineering School or	9			Ì		i			3	3	3	9	
	Re	engineering departments other than CIVL equired credits for Major Requirements Courses and Electives	66			i — —		i						66	
BBA in Marl	keting	· · · ·													
School Requi				n		-		-							
CCT	2010 2200	Principles of Accounting I Principles of Accounting II	3			3		Į	3					3	
		Note: ECON 2103 OR ECON 2113				ļ								1	
CON CON	2103 2113	Principles of Microeconomics Microeconomics	3 3		3			<u> </u>						3	
CON	2123	Note: ECON 2123 OR ECON 3123 Macroeconomics	3			i		3						3	
ECON TINA	3123 2303	Macroeconomic Theory I Financial Management	3				3							3	
SOM	2010	Introduction to Information Systems	3			i		i						0	Substituted by COMP 1021/ 102 2011/ 2012H Waived for DDP students if the
SOM	2020	Coding for Business	1					i						0	have taken and passed COMP1
SOM	2500	Business Statistics	3					i						0	or COMP 1029P Substituted by CIVL 2160
SOM	2600	Introduction to Business Analytics	1			1	1	ţ						1	
SOM	2700	Operations Management	3			<u> </u>		<u> </u>	3					3	
	0400	Marketing Management	3	<u> </u>		2	3	: :						3	MARK 2120 is a major pre-requ
	2120		2			2		!				-			
IGMT	2120 2010 2110	Business Ethics and the Individual Organizational Behavior	2			3								3	
IGMT IGMT IGMT	2010 2110 2130	Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility	3 2			: 		! 1			2			2	
IGMT IGMT IGMT ABU	2010 2110	Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Case Analyses Effective Communication in Business	3 2 3 3			3					2				Waived for DDP students
IGMT IGMT IGMT ABU ABU	2010 2110 2130 2040 2060	Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023	3 2 3 3 3-4			: 								2 0	DDP students should take MA
AGMT AGMT AGMT ABU ABU AATH AATH	2010 2110 2130 2040 2060 1003 1012	Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra Calculus IA	3 2 3 3 3-4 3 4	(3)		: 								2 0	DDP students should take MA 1012 or MATH 1013 or MATH 1 or MATH 1023 to satisfy the
AGMT AGMT AGMT ABU ABU AATH AATH AATH AATH AATH	2010 2110 2130 2040 2060 1003 1012 1013 1020	Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus	3 2 3 3 3-4 3			: 								2 0 3	DDP students should take MA 1012 or MATH 1013 or MATH or MATH 1023 to satisfy the
IGMT IGMT ABU ABU IATH IATH IATH IATH IATH IATH	2010 2110 2130 2040 2060 1003 1012 1013 1020 1023	Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra Calculus IB	3 2 3 3-4 3 4 3 4 3 4 3 4 3			: 								2 0 3	DDP students should take MA 1012 or MATH 1013 or MATH or MATH 1023 to satisfy th requirements of both BEng and
AGMT AGMT ABU ABU ABU AATH AATH AATH AATH AATH MAJOR Require	2010 2110 2130 2040 2060 1003 1012 1013 1020 1023 ements	Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra Calculus IB Accelerated Calculus I Honors Calculus I	3 2 3 3-4 3 4 3 4 3 4 3 4 3			: 								2 0 3 0	DDP students should take MA 1012 or MATH 1013 or MATH or MATH 1023 to satisfy th requirements of both BEng and
AGMT AGMT AGU ABU AATH AATH AATH AATH AATH MAJor Required C Major Required C	2010 2110 2130 2040 2060 1003 1012 1013 1020 1023 ements Courses and Elect	Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra Calculus IB Accelerated Calculus Honors Calculus I Required credits for School Requirements ives	3 2 3 3-4 3 4 3 4 3 4 3 4 3 4 3 4 3			: 								2 0 3 0 32	DDP students should take MA 1012 or MATH 1013 or MATH or MATH 1023 to satisfy th requirements of both BEng and
AGMT AGMT AGMT ABU ABU AATH AATH AATH AATH MATH Major Required C Major Required C Major Required C	2010 2110 2130 2040 2060 1003 1012 1013 1020 1023 ements	Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra Calculus IB Accelerated Calculus I Honors Calculus I	3 2 3 3-4 3 4 3 4 3 4 3 4 3			: 								2 0 3 0	DDP students should take MA 1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng and
MARK MGMT MGMT AGMT AGU ABU ABU MATH MATH MATH MATH MATH MATH MATH MATH MATH MATH MATH MARK MARK MARK	2010 2110 2130 2040 2060 1003 1012 1013 1020 1023 ements Courses and Elect 3220	Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Case Analyses Effective Communication in Business Note: MATH 1003 CR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra Calculus IB Accelerated Calculus Honors Calculus I Required credits for School Requirements	3 2 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 4 4 4			: 							4	2 0 3 0 32 4	DDP students should take MA 1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng and
AGMT AGMT AGMT ABU ABU AATH AATH AATH AATH AATH Major Required C Major Required C AARK AARK	2010 2110 2130 2040 2060 1003 1012 1013 1020 1023 ements Courses and Elect 3220 3420	Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra Calculus IB Accelerated Calculus I Required credits for School Requirements ives Marketing Research Consumer Behavior	3 2 3 3 4 3 4 3 4 3 4 3 4 4 3 4 4 3 4 4 4 4 4 4			: 								2 0 3 0 32 4 4	DDP students should take MA 1012 or MATH 1013 or MATH 1 or MATH 1023 to satisfy the requirements of both BEng and
AGMT AGMT AGMT ABU ABU AATH AATH AATH AATH AATH Major Required C AARK AARK AARK AARK	2010 2110 2130 2040 2060 1003 1012 1013 1020 1023 ements Courses and Elect 3220 3420	Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra Calculus IB Accelerated Calculus Honors Calculus I Required credits for School Requirements ives Marketing Research Consumer Behavior Strategic Marketing MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified) Required credits for Major Required Courses and Electives	3 2 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4			: 				3				2 0 3 0 32 4 4 4 4	DDP students should take MA 1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng and

Requirements for Dual Degree Program															
Required Cours	ses														
TEMG	1010 T&M Professional Activities		0	0	0	0	0	0	0	0	0	0	0	0	
TEMG 3950 T&M Case Analysis and Product Innovation		3		3									3		
TEMG 4950 T&M Corporate Consulting Project		3-5					4						4		
Required credits for Additional Requirements 7														7	1
University C	University CORE														
CORE	C3 - C9	U CORE - Others	21	3		l		I		6	6		6	21	1
CORE	C1 & C2	U CORE - English Language	6	3	3	i I		Ĭ						6	1
CORE	1905	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness	3	0	3									3	1
		Sub-total for University CORE	30			1		1						30	
				Term load (excl. free credits)											
				15	18	20	19	20	19	16	18	16	16		
					18	0##									

15	5 18 20 19 20 19 16 18									
				18						
	<< Declaration of				ation of					
		BEng ma	ior	BBA majo						

Notes:

() indicates the reuse of the same course to fulfill more than one requirement. * Courses offered in winter term

^ Courses offered in summer term

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

To graduate, students should complete all requirements as specified for DDP.

**Remarks on course(s):

>> 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.