The Hong Kong University of Science and Technology Academy of Interdisciplinary Studies An Example on Student's Pathway (as of August 3, 2023)

CIMGMT 2023-24 Intake (Via DDP PBA)

				BEng major BBA major											
School:		School of Engineering and School of Business Management								Student	's Pathway				
Program:		Dual Degree Program (BEng in Civil Engineering and BBA in Management)													
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	Year 5 Fall	Year 5 Spring	Sub-total	Remarks
	il Engineeri	ng		"											
Major Require Engineering Fund															
COMP	1021 1022P	Note: COMP1021 OR COMP1002P OR COMP2011 OR COMP2012H Introduction to Computer Science Introduction to Computing with Java	3-5 3 3		3	į		<u> </u>						3	Students should take COMP1021 which will also be used to substitute ISOM 2010 and to waive ISOM
COMP COMP CHEM	2011 2012H 1020	Programming with C++ Honors Object-Oriented Programming and Data Structures General Chemistry I	4 5 3	3		<u> </u>		<u> </u>						3	2020
LANG	2030	Technical Communication I Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND	3 4-7											0	Waived for DDP students
MATH MATH	□ 1012 1013	(MATH 1014 OR MATH 1024)] OR [MATH 1020] Calculus IA Calculus IB	4 3			į		į							
MATH MATH	1014 1020	Calculus II Accelerated Calculus	3 4	3	3	į		İ						6	
MATH MATH MATH	1023 1024 2011	Honors Calculus I Honors Calculus II Introduction to Multivariable Calculus	3 3			3		<u>:</u>						3	
MATH	2350	Applied Linear Algebra and Differential Equations Note: PHYS 1112 OR PHYS 1312□	3			3		<u> </u>						3	
PHYS PHYS	1112 1312	General Physics I with Calculus: Honors General Physics I Required credits for Engineering Fundamental Courses	3 3 22-27	3	6	6	0	0	0	0	0	0	0	3 21	
Major Required C				1 3		0		-					1	0	I
CIVL CIVL	1010 1100 2010	Academic Professional Development I Discovering Civil and Environmental Engineering Academic Professional Development II	3			3	0	0	0					3	
CIVL	2020	Industrial and BIM Training Statics	0			0* 3	0							0 3	
CIVL	2120	Mechanics of Materials	3				3	<u>; </u>						3	This course will also be used to
CIVL	2160 2170	Modeling Systems with Uncertainties Infrastructure Systems Engineering and Management	3			3	3	<u> </u>						3	substitute ISOM 2500
CIVL	2410 2510	Environmental Assessment and Management Fluid Mechanics	3			•	3	<u> </u>						3	
CIVL	2810 3010	Construction Materials Academic Professional Development III	3					3		0	0			3	
CIVL	3020 3210	Internship Training Introduction to Construction Management	0 3						3		0^			0	
CIVL CIVL	3310 3320	Structural Analysis Reinforced Concrete Design	3					3	3					3	
CIVL CIVL	3510 3610	Hydrosystems Engineering Traffic and Transportation Engineering	3					3	3					3	
CIVL	3730 3740	Fundamentals of Geotechnics Geotechnical Analysis and Design	3							3	3			3	
CIVL	4910	Note: CIVL 4910 OR CIVL 4920 (Students taking the Research 6 Option must take CIVL 4920) Civil and Environmental Engineering Final Year Project	6			į		Ĭ				3	3	6	
CIVL	4920 4950	Civil and Environmental Engineering Final Year Thesis Civil Engineering Capstone Design Project	6 3			ļ		<u> </u>				3		3	
ENGG LANG	2010 4033	Engineering Seminar Series Technical Communication II for Civil and Environmental Engineering	0			0	0	0	0			3		0	
CIVL/SENG		CIVL Electives (3 courses from the specified elective list) CIVL: Any CIVL courses at 4000-level or above except CIVL 4230	9			Ĭ :		<u> </u>			3	3	3	9	
	Re	SENG: Any 3000-level or above courses offered by the Engineering School or engineering departments other than CIVI. Equired credits for Major Requirements Courses and Electives	66			i i		<u> </u>						66	
BBA in Man							•					•	•	•	
School Requi	2010	Principles of Accounting I	3			3		i						3	
ACCT ECON	2103	Principles of Accounting II Note: ECON 2103 OR ECON 2113 Principles of Microeconomics	3		3	<u> </u>		<u> </u>	3					3	
ECON ECON	2113	Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomics	3			!		3						3	
ECON FINA	3123 2303	Macroeconomic Theory I Financial Management	3			<u>!</u> !	3	<u> </u>						3	
ISOM	2010	Introduction to Information Systems	3			<u> </u>		<u> </u>						0	Substituted by COMP 1021/ 1022P/ 2011/ 2012H Waived for DDP students if they
ISOM	2020 2500	Coding for Business Business Statistics	3											0	have taken and passed COMP1021 or COMP 1029P Substituted by CIVL 2160
ISOM ISOM	2600 2700	Introduction to Business Analytics Operations Management	1 3			İ		<u> </u>		3		1		1 3	Cubalitated by GIVE 2100
MARK MGMT	2120	Marketing Management Business Ethics and the Individual	3			<u>!</u>	3	<u> </u>			2			3	
MGMT	2110	Organizational Behavior	3	3		i		<u>: </u>						3	MGMT 2110 is a major pre-requisite
MGMT	2130	Business Ethics and Social Responsibility Note: LANG 2061 OR 2062 OR 3060	2			!		<u> </u>					2	2	Non DDP-ECON students take ONLY a 3-credit of SBM-specific
LANG	2061 2062 3060	Professional Writing for the Workplace Professional Speaking for the Workplace Advanced Academic Writing Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023	3 3 3			<u> </u> 		<u> </u>		3				3	English course, in which they can choose from one of the three LANG courses (LANG 2061, LANG 2062, or LANG 3060).
MATH MATH MATH	1003 1012 1013	Calculus and Linear Algebra Calculus IA Calculus IB	3 4 3	(3)		į		į						0	DDP students should take MATH 1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the
MATH MATH MATH	1020 1023	Accelerated Calculus Honors Calculus I	4 3			!		!							requirements of both BEng and BBA degrees
Major Require		Required credits for School Requirements	43-44	11		i .	İ		1		1	İ	1	32	l
Major Required C	ourses and Electi	VeS Note: MGMT 3110 OR MGMT 3120 (For students in the Consulting Option, they will use MGMT 3110 to fulfill the Option Requirements and should take MGMT 3120 to fulfill this	4			!		<u> </u>							
MGMT MGMT	3110 3120	requirement.) Human Resources Management Managerial Leadership Note: MGMT 3130 OR MGMT 3140 (Students in the Consulting Option must take MGMT	4 4 4			<u> </u>		4						4	Students in the Consulting Option must take MGMT 3120
MGMT MGMT	3130 3140	3140 to fulfill this requirement.) Judgement and Decision Making in Organizations Negotiation Note: MGMT 4210 OR MGMT 4220 (Students in the Consulting Option or in the Corporate Social Responsibility and Sustainability Option must take MGMT 4210 to fulfill this	4 4 3-4			<u> </u>		<u>.</u>	4					4	Students in the Consulting Option must take MGMT 3140 Students in the Consulting
MGMT MGMT	4210 4220	Social Responsionity and Sustainability Option must take MSM1 4210 to fulfill this requirement.) Corporate Strategy Entrepreneurship and Innovation	3 4			<u> </u>		<u> </u>		3				3	Option must take MGMT 4210 Students in the CSR Option must take MGMT 4210 Students in the Consulting
MGMT		MGMT 3000-level or above Electives (Any 3 courses of the subject and level as specified. Courses taken as Option Required Courses may not be counted towards the elective requirement.)	9			<u>.</u>		!			3	3	3	9	Option are recommended to take MGMT 4220 and a new course in Simulating Strategy to fulfill the major elective requirement
Additional	Paguiraman	Required credits for Major Required Courses and Electives	20-21					:						20	. oga/omon
Additional Requirements	for Dual Deg														
Required Courses	1010	T&M Professional Activities	0	0	0	0	0	0	0	0	0	0	0	0	
TEMG TEMG	3950 4950	T&M Case Analysis and Product Innovation T&M Corporate Consulting Project	3 3-5		3	<u>: </u>		4						3	
University CO	I.	Required credits for Additional Requirements	7			!		<u> </u>						7	
CORE	C3 - C9	U CORE - Others	21	_	•	į		<u> </u>	3	6	6		6	21	
CORE	C1 & C2 1905	U CORE - English Language Behavioral Foundations of University Education: Habits, Mindsets, and Wellness Sub-total for University CORE	6 3 30	1	2	<u> </u>		<u> </u>						6 3 30	
		Sub-total for University CORE	30	16	17	18	18	erm load (ex	ccl. free cred	its)	17	16	17	30	ı
				10	1 11			17	6##	10	1 1/	10	1 17	•	
Notes:	-50	6.00				<< Declar BEng ma		<< Decla BBA maj							
() indicates the reuse * Courses offered in w		o 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.