## The Hong Kong University of Science and Technology **Academy of Interdisciplinary Studies**

CIMARK 2024-25 Intake (Via DDP PBA)

An Example on Student's Pathway (as of August 8, 2024)

<< Declaration of
BEng major
BBA major</pre>

Program:		School of Engineering and School of Business Management								Student	's Pathway				
Program:															
		Dual Degree Program (BEng in Civil Engineering and BBA in Marketing)													
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
BEng in Civ	il Engineerir	ng		I											
Major Require															
Engineering Funda	amental Courses	Note: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H	3-5	1	1		1		1	1			1		1
COMP COMP	1021 1022P	Introduction to Computer Science Introduction to Computing with Java	3		3	! :		! :						3	Students should take COMP102 which will also be used to substitu
COMP	2011 2012H	Programming with C++ Honors Object-Oriented Programming and Data Structures	4 5			! !		! !							ISOM 2010 and to waive ISOM 20
CHEM	1012	General Chemistry B: Atomic Structure, Molecules, and Bonding Theories  Note: ((MATH 1012 OR MATH 1013 OR MATH 1023) AND	3 4-7	3		<u>:</u>		<u>:</u>						3	
MATH	□ 1012	(MATH 1014 OR MATH 1024)] OR [MATH 1020] Calculus IA	4			i		i							
MATH MATH	1013 1014	Calculus IB Calculus II	3	3	3	į		į						6	
MATH MATH	1020 1023	Accelerated Calculus Honors Calculus I	4 3			į		į							
MATH MATH	1024 2011	Honors Calculus II Introduction to Multivariable Calculus	3			3		<u> </u>						3	
MATH	2350	Applied Linear Algebra and Differential Equations	3			3		!						3	
PHYS	1112	Note: PHYS 1112 OR PHYS 1312 ☐ General Physics I with Calculus ☐	3	3		] :		] :						3	
PHYS	1312	Honors General Physics   Required credits for Engineering Fundamental Courses	3 19-24	9	6	6	0	0	0	0	0	0	0	21	
, ,	ourses and Elective			1				•	•		•			_	T
CIVL	1010	Academic Professional Development I  Discovering Civil and Environmental Engineering	3			3	0	<del>!                                    </del>						3	
CIVL	2010	Academic Professional Development II	0			;		0	0					0	
CIVL	2020 2110	Industrial and BIM Training Statics	0	1	-	0* 3	0	i		-				3	
CIVL	2120	Mechanics of Materials	3				3	<u> </u>						3	
CIVL	2160	Modeling Systems with Uncertainties	3			3		<u>;                                    </u>						3	This course will also be used to substitute ISOM 2500
CIVL	2170 2410	Infrastructure Systems Engineering and Management  Environmental Assessment and Management	3	1		<u> </u>	3	<u> </u>						3	
CIVL	2510	Fluid Mechanics	3			<u> </u>	3	<u> </u>						3	
CIVL	2810 3010	Construction Materials  Academic Professional Development III	3			<u> </u>		3		0	0			3	
CIVL	3010	Academic Professional Development III Internship Training	0			<u> </u>		<u> </u>			0			0	
CIVL	3210	Introduction to Construction Management	3			! <u> </u>			3					3	
CIVL	3310 3320	Structural Analysis Reinforced Concrete Design	3			<u> </u>		3	3					3	
CIVL	3510	Hydrosystems Engineering	3			:		3						3	
CIVL	3610 3730	Traffic and Transportation Engineering Fundamentals of Geotechnics	3			<u>:</u>		<u>:</u>	3	3				3	
CIVL	3740	Geotechnical Analysis and Design	3			<del></del>		;			3			3	
		Note: CIVL 4910 OR CIVL 4920 (Students taking the Research 6 Option must take CIVL 4920)				i		i				3	3	6	
CIVL CIVL	4910 4920	Civil and Environmental Engineering Final Year Project Civil and Environmental Engineering Final Year Thesis	6 6			<u>i                                    </u>		<u>i                                    </u>							
CIVL	4950 2010	Civil Engineering Capstone Design Project	3			0	0	0	0			3		3	
ENGG	2010	Engineering Seminar Series  CIVL Electives (3 courses from the specified elective list)	0				0		0					0	
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			I		!			3	3	3	9	
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	Re	engineering departments other than CIVL quired credits for Major Requirements Courses and Electives	63			<u>i                                     </u>		<del>!</del>						63	
	keting		63			<u> </u>		<u> </u>						63	
BBA in Mark	ceting rements	quired credits for Major Requirements Courses and Electives				3		! 							
School Requir	keting	equired credits for Major Requirements Courses and Electives  Principles of Accounting I  Principles of Accounting II	63			3		<u>!</u>	3					63 3 3	
School Require ACCT ACCT	ceting rements 2010 2200 2103	Principles of Accounting I Principles of Accounting I Principles of Accounting I Principles of Accounting I Principles of Microeconomics	3		3	3		<u> </u>	3					3	
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- \* Courses offered in winter term
- ^ Courses offered in summer term
- --- denotes the course/requirement is either waived or substituted
- $\ensuremath{\textit{\#\#}}$  To graduate, students should complete all requirements as specified for DDP.

\*\*Remarks on course(s):

<sup>&</sup>gt;> 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.