The Hong Kong University of Science and Technology
Academy of Interdisciplinary Studies
An Example on Student's Pathway (as of August 8, 2024)

CPMARK 2024-25 Intake
(Via DDP PBA)

School:		School of Engineering and School of Business Management		<< Declaration of BEng major	<< Declaration of BBA major				Student's Pathway							
Program:		**Dual Degree Program (BEng in Computer Engineering and BBA in Marketing)**															**Remarks**
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 Computer Engineering
Major Requirements
Engineering Fundamental Courses

Dept	Code	Title	Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S	Sub-total	Remarks
COMP / COMP	1021 / 1022P	Note: COMP1021 OR COMP1022P; Introduction to Computer Science; Introduction to Computing with Java	3 / 3	3										3	Students should take COMP1021 which will also be used to substitute ISOM 2010 and to waive ISOM 2020
MATH / MATH / MATH / MATH / MATH / MATH	1012 / 1013 / 1014 / 1020 / 1023 / 1024	Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)] OR [MATH 1020]; Calculus IA; Calculus IB; Calculus II; Accelerated Calculus; Honors Calculus I; Honors Calculus II	4-7 / 4 / 3 / 3 / 4 / 3 / 3	3	3									6	
MATH	2011	Introduction to Multivariable Calculus	3					3						3	
MATH	2111	Matrix Algebra and Applications	3					3						3	
PHYS / PHYS	1112 / 1312	Note: PHYS1112 OR PHYS1312; General Physics I with Calculus; Honors General Physics I	3 / 3	3										3	
PHYS / PHYS	1114 / 1314	Note: PHYS1114 OR PHYS1314; General Physics II; Honors General Physics II	3 / 3						3					3	
SENG		Engineering Introduction course (If the students take an introduction course included in their major, this course can be counted towards their major requirement.)	3-4	(3)										0	
		Required credits for Engineering Fundamental Courses	22-26											21	

Major Required Courses and Electives

Dept	Code	Title	Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S	Sub-total	Remarks
CPEG	2930	Academic and Professional Development I	0			0	0							0	
CPEG	3930	Academic and Professional Development II	0					0	0					0	
COMP / COMP / COMP	2011 / 2012 / 2012H	Note: (COMP2011 AND COMP2012) OR COMP2012H; Programming with C++; Object-Oriented Programming and Data Structures; Honors Object-Oriented Programming and Data Structures	5-8 / 4 / 4 / 5			4		4						8	
COMP / ELEC	2611 / 2350	Note: COMP2611 OR ELEC2350; Computer Organization; Introduction to Computer Organization and Design	4 / 4 / 4				4							4	
COMP / COMP	2711 / 2711H	Note: COMP2711 OR COMP2711H; Discrete Mathematical Tools for Computer Science; Honors Discrete Mathematical Tools for Computer Science	4 / 4 / 4						4					4	
COMP	3511	Operating Systems	3							3				3	
CPEG / CPEG / CPEG / CPEG / CPEG / CPEG	1971 / 4901 / 4902 / 4911 / 4912 / 4910	Note: [CPEG 1971 AND (CPEG 4901 OR CPEG 4902 OR CPEG 4911 OR CPEG 4912)] OR [CPEG 4910] (Students taking the Research Option must take either CPEG 4902 or CPEG 4912); Industrial Experience; Computer Engineering Final Year Project in COMP; Computer Engineering Final Year Thesis in COMP; Computer Engineering Final Year Project in ELEC; Computer Engineering Final Year Thesis in ELEC; Co-op Program	6 / 0 / 6 / 6 / 6 / 6 / 6									3	3	6	
ELEC	1100	Introduction to Electro-Robot Design	4			4								4	
ELEC	2100	Signals and Systems	4					4						4	
ELEC	2400	Electronic Circuits	4				4							4	
ELEC	2600	Probability and Random Processes in Engineering	4								4			4	
ELEC	3300	Introduction to Embedded Systems	4							4				4	
ENGG	2010	Engineering Seminar Series	0			0	0	0	0					0	
COMP/ELEC		Area Courses (At least 2 courses should be taken from one single area and at least 2 courses outside that area (including course(s) in the Courses without Associated Area. Courses taken to satisfy CPEG Restricted Elective requirement may not be counted under Area Courses.)	12				3				3	3	3	12	
COMP/ELEC		COMP/ELEC 2000-level or above Elective (Any course(s) of the subject and level as specified)	3							3				3	
		Required credits for Major Requirements Courses and Electives	57-60											60	

BBA in Marketing
School Requirements

Dept	Code	Title	Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S	Sub-total	Remarks
ACCT	2010	Principles of Accounting I	3	3										3	
ACCT	2200	Principles of Accounting II	3						3					3	
ECON / ECON	2103 / 2113	Note: ECON 2103 OR ECON 2113; Principles of Microeconomics; Microeconomics	3 / 3		3									3	
ECON / ECON	2123 / 3123	Note: ECON 2123 OR ECON 3123; Macroeconomics; Macroeconomic Theory I	3 / 3					3						3	
FINA	2303	Financial Management	3				3							3	
ISOM	2010	Introduction to Information Systems	3	-	-	-	-	-	-	-	-	-	-	0	Substituted by COMP 1021/ 1022P/ 2011/ 2012H
ISOM	2020	Coding for Business	1	-	-	-	-	-	-	-	-	-	-	0	Waived for DDP students if they have taken and passed COMP1021 or COMP 1029P
ISOM	2500	Business Statistics	3			3								3	
ISOM	2600	Introduction to Business Analytics	1							1				1	
ISOM	2700	Operations Management	3						3					3	
MARK	2120	Marketing Management	3				3							3	MARK 2120 is a major pre-requisite
MGMT	2010	Business Ethics and the Individual	2								2			2	
MGMT	2110	Organizational Behavior	3		3									3	
MGMT	2130	Business Ethics and Social Responsibility	2										2	2	
MATH / MATH / MATH / MATH / MATH	1003 / 1012 / 1013 / 1020 / 1023	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; Honors Calculus I	3-4 / 3 / 4 / 3 / 4 / 3	(3)										0	DDP students should take MATH 1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEng and BBA degrees
		Required credits for School Requirements	39-40											32	

Major Requirements
Major Required Courses and Electives

Dept	Code	Title	Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S	Sub-total	Remarks
MARK	3220	Marketing Research	4					4						4	
MARK	3420	Consumer Behavior	4						4					4	
MARK	4210	Strategic Marketing	4							4				4	
MARK		MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)	12							4	4	4		12	
		Required credits for Major Required Courses and Electives	24											24	

Additional Requirements
Requirements for Dual Degree Program
Required Courses

Dept	Code	Title	Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S	Sub-total	Remarks
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	

University CORE

Dept	Code	Title	Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S	Sub-total	Remarks
CORE	C3 - C9	U CORE - Others	21			3			3	6	3		6	21	
CORE	C1 & C2	U CORE - English Language	6	3	3									6	
HMAW	1905	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness	3	1	2									3	
		Sub-total for University CORE	30											30	

	Term load (excl. free credits)									
16	17	17	18	21	16	18	19	14	18	
				174##						

<< Declaration of BEng major   << Declaration of BBA major

Notes:

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

--- 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.