The Hong Kong University of Science and Technology
Interdisciplinary Programs Office
An Example on Student's Pathway

COMARK 2020-21 Intake
(Via DDP PBA)

School: School of Engineering and School of Business Management

Program: Dual Degree Program (BEng in Computer Science and BBA in Marketing)

Student's Pathway

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

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 Science															
Major Requirements															
Engineering Fundamental Courses															
COMP / COMP	1021 / 1022P	Note: COMP1021 OR COMP1022P; Introduction to Computer Science; Introduction to Computing with Java	3	3										3	This course will also be used to substitute ISOM 2010
ENGG	1010	Academic Orientation	0	0	0									0	
CHEM / CHEM / CHEM / LIFS / PHYS / PHYS / PHYS	1004 / 1010 / 1020 / 1901 / 1001 / 1112 / 1312	Note: CHEM1004 OR CHEM1010 OR CHEM1020 OR LIFS1901 OR PHYS1001 OR PHYS1112 OR PHYS1312; Chemistry in Everyday Life; General Chemistry IA; General Chemistry IB; General Biology I; Physics and the Modern Society; General Physics I with Calculus; Honors General Physics I	3 / 3 / 3 / 3 / 3 / 3 / 3	3										3	
LANG	2030	Technical Communication I	3					3						3	
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	2111	Matrix Algebra and Applications	3			3								3	
SENG		Engineering Introduction course (COMP students may also use COMP1022P or COMP1022Q to fulfill this requirement)	3-4	(3)										0	
		Required credits for Engineering Fundamental Courses	19-23											18	
Major Required Courses and Electives															
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	2611	Computer Organization	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 / COMP	3111 / 3111H	Note: COMP3111 OR COMP3111H; Software Engineering; Honors Software Engineering	4 / 4 / 4					4						4	
COMP	3511	Operating Systems	3						3					3	
COMP / COMP	3711 / 3711H	Note: COMP3711 OR COMP3711H; Design and Analysis of Algorithms; Honors Design and Analysis of Algorithms	3-4 / 3 / 4					3						3	
COMP	4900	Note: Students are required to take COMP4900 for every regular term in which they are in residency at HKUST with major in COMP; Academic and Professional Development	0			0	0	0	0	0	0	0	0	0	
COMP / COMP / COMP / COMP	1991 / 4981 / 4981H / 4910	Note: (COMP4981 OR COMP4981H) AND COMP1991 OR COMP4910; Industrial Experience; Final Year Project; Final Year Thesis; Co-op FYP Program	6 / 0 / 6 / 6 / 6									3	3	6	
ELEC / IEDA / IEDA / MATH / MATH / MATH	2600 / 2520 / 2540 / 2411 / 2421 / 2431	Note: ELEC2600 OR IELM2510 OR MATH2411 OR MATH2421 OR MATH2431; Probability and Random Processes in Engineering; Probability for Engineers; Statistics for Engineers; Applied Statistics; Probability; Honors Probability	3-4 / 4 / 3 / 3 / 4 / 4 / 4			4								4	Students should take MATH 2411 which will also be used to substitute ISOM 2500.
ENGG	2010	Engineering Seminar Series	0			0	0	0	0					0	
LANG	4030	Technical Communication II for CSE & CPEG	3								3			3	
COMP		COMP Electives (5 courses from the specified elective list, of which at least 3 courses should be taken from 1 area and at least 2 courses outside that area.)	15							3	6	3	3	15	
COMP		COMP Elective (Any 1 course offered under COMP)	3										3	3	
		Required credits for Major Requirements Courses and Electives	53-58											57	
BBA in Marketing															
School Requirements															
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
ISOM	2020	Coding for Business	1				1							1	
ISOM	2500	Business Statistics	3	---	---	---	---	---	---	---	---	---	---	0	Substituted by MATH 2411
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	
SBMT	1111	Business Student Induction	0	---	---	---	---	---	---	---	---	---	---	0	Waived for DDP students
LABU	2040	Business Case Analyses	3				3							3	
LABU	2060	Effective Communication in Business	3						3					3	
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	43-44											36	
Major Requirements															
Major Required Courses and Electives															
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															
TEMG	1010	Technology and Management Professional Activities	0	0	0	0	0	0	0	0	0	0	0	0	
TEMG	3950	Case-based Problem Solving	3		3									3	
		Required credits for Additional Requirements	3											3	
University CORE															
CORE	C3 - C12	U CORE - Others	30	6	3		3		3	6	9			30	
CORE	C1 & C2	U CORE - English Language	6	3	3									6	
		Sub-total for University CORE	36											36	

				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		
		Term load (excl. free credits)		18	18	18	20	17	20	18	19	13	13	174##	

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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.