

School:		School of Engineering and School of Business Management		<< Declaration of BEng major		<< Declaration of BBA major		Student's Pathway												Remarks
Program:		Dual Degree Program (BEng in Computer 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	Subtotal						
BEng in Computer Engineering																				
Engineering Fundamental Courses																				
COMP	1023	Introduction to Python Programming Note: (MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024) OR (MATH 1025)	3	3										3	Students should take COMP1023 which will also be used to substitute ISOM 2010 and to waive ISOM 2020					
MATH	1013	Calculus I	3											6	DOP students should take MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEng and BBA degrees					
MATH	1014	Accelerated Calculus	3	3	3															
MATH	1020	Honors Calculus I	4																	
MATH	1023	Honors Calculus I	3																	
MATH	1024	Honors Calculus I	3																	
MATH	2011	Introduction to Multivariable Calculus	3				3							3						
MATH	2111	Matrix Algebra and Applications Note: PHYS1112* OR PHYS1312	3			3								3						
PHYS	1112	General Physics I with Calculus Honors General Physics I	3		3									3	* Students without Level 3 or above in HKDSE 12a OR in HKDSE 1a Physics are required to take PHYS 1101 first.					
PHYS	1312	Honors General Physics I	3																	
PHYS	1114	General Physics II Note: PHYS1114 OR PHYS1314	3											3						
PHYS	1314	Honors General Physics II	3		3									3						
Required Credits for Engineering Fundamental Courses			21-22	9	6	3	3	0	0	0	0	0	0	21						
Major Required Courses and Electives																				
CPEG	1930	Academic and Professional Development I	0	0	0									0						
CPEG	2030	Academic and Professional Development II	0			0	0							0						
CPEG	2030	Academic and Professional Development III Note: (COMP2011 AND COMP2012) OR COMP2012H	0					0	0					0						
COMP	2011	Programming with C++	4			4		4						8						
COMP	2012	Object-Oriented Programming and Data Structures	4																	
COMP	2012H	Honors Object-Oriented Programming and Data Structures	5																	
COMP	2011	Computer Organization Note: COMP2011 OR ELEC2350	4																	
COMP	2011	Computer Organization	4				4							4						
ELEC	2350	Introduction to Computer Organization and Design	4																	
COMP	2711	Discrete Mathematical Tools for Computer Science	4					4						4						
COMP	2711H	Honors Discrete Mathematical Tools for Computer Science	4																	
COMP	3011	Operating Systems	3						3					3						
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	3000	Introduction to Embedded Systems	4						4					4						
CPEG	1971	Industrial Experience	0			0	0	0	0			3	3	6						
CPEG	4901	Computer Engineering Final Year Project in COMP	6																	
CPEG	4902	Computer Engineering Final Year Thesis in COMP	6																	
CPEG	4910	Cogin Program	6																	
CPEG	4911	Computer Engineering Final Year Project in ELEC	6																	
CPEG	4912	Computer Engineering Final Year Thesis in ELEC	6																	
COMPELEENG0			12							3	3	3	3	12						
COMPELEC			3							3				3						
BEng in Computer Engineering Major Requirements			57.60	0	4	4	8	12	11	6	3	6	6	60						
BBA in Marketing																				
School Requirements																				
ACCT	2010	Principles of Accounting I	3	3										3						
ACCT	2200	Principles of Accounting II	3							3				3						
ECON	2103	Note: ECON 2103 OR ECON 2113	3			3														
ECON	2113	Principles of Microeconomics	3											3						
ECON	2113	Microeconomics	3																	
ECON	2123	Note: ECON 2123 OR ECON 3123	3											3						
ECON	3123	Macroeconomics	3					3												
ECON	3123	Macroeconomic Theory I	3																	
FINA	2303	Financial Management	3																	
ISOM	2010	Introduction to Information Systems	3	-	-	-	-	-	-	-	-	-	-	0	COMP 1023 is more advanced computing courses as compared to ISOM 2010. Students SHOULD take COMP1023 instead of ISOM 2010.					
ISOM	2020	Coding for Business	1	-	-	-	-	-	-	-	-	-	-	0	ISOM 2020 is waived for DOP students who have taken and passed COMP 1023. The COMP course is similar or more advanced content (Python) courses as ISOM 2020.					
ISOM	2600	Business Statistics	3			3								3						
ISOM	2608	Introduction to Business Analytics	5																	
ISOM	2700	Operations Management	3						3		1			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						
Note: MATH 1003 OR MATH 1013 OR MATH 1020 OR MATH 1023			3.4																	
MATH	1003	Calculus and Linear Algebra	3																	
MATH	1013	Calculus I	3		(3)									0	DOP students should take MATH 1013 and MATH 1023 or MATH 1020 to satisfy the requirements of both BEng and BBA degrees					
MATH	1020	Accelerated Calculus	4																	
MATH	1023	Honors Calculus I	3																	
Required Credits for School Requirements			39.40	3	6	3	6	3	3	1	5	0	2	32						
Major Required Courses and Electives																				
MARK	3020	Marketing Research	4					4						4						
MARK	3420	Consumer Behavior	4						4					4						
MARK	4210	Strategic Marketing	4							4				4						
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	0	0	0	0	4	4	4	4	4	4	24						
Additional Requirements for Dual Degree																				
Requirements for Dual Degree Program																				
TEMG	1011	T&M Professional Activities I	0	0	0									0						
TEMG	1012	T&M Professional Activities II	0			0	0							0						
TEMG	1013	T&M Professional Activities III	0					0	0					0						
TEMG	1014	T&M Professional Activities IV	0							0	0			0						
TEMG	1015	T&M Professional Activities V	0									0	0	0						
TEMG	3050	T&M Case Analysis and Product Innovation	3		3									3	To graduate, students should complete ALL requirements as specified for DOP.					
TEMG	4990	T&M Corporate Consulting Project	3.6							4				4						
Required Credits for Additional Requirements			7	0	3	0	0	0	0	4	0	0	0	7						
University Common Core Requirement																				
CORE	C1 - C9	U CORE - Others	21			6				3	3	6	3	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	4	5	6	0	0	0	3	3	6	3	30						
Term load (excl. free credits)																				
16 24 16 17 19 18 18 15 16 15 174																				
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