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

IEMARK 2020-21 Intake
(Via DDP PBA)

School:		School of Engineering and School of Business Management													Student's Pathway	
Program:		**Dual Degree Program (BEng in Industrial Engineering and Engineering Management 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

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

BEng in Industrial Engineering and Engineering Management
Major Requirements
Engineering Fundamental Courses

Dept.	Code	Title	Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S	Sub-total	Remarks
COMP COMP COMP	1021 1022P 2011	Note: COMP1021 OR COMP1022P OR COMP2011 Introduction to Computer Science Introduction to Computing with Java Programming with C++	3-4 3 3 4	3										3	This course will also be used to substitute ISOM 2010
ENGG	1010	Academic Orientation	0	0	0									0	
CHEM CHEM PHYS PHYS	1010 1020 1112 1312	Note: CHEM1010 OR CHEM1020 OR PHYS1112 OR PHYS1312 General Chemistry IA General Chemistry IB General Physics I with Calculus Honors General Physics I	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	2011	Introduction to Multivariable Calculus	3				3							3	
MATH	2111	Matrix Algebra and Applications	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	22-27											21	

Major Required Courses and Electives

Dept.	Code	Title	Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S	Sub-total	Remarks
IEDA	1010	Academic and Professional Development I	0			0	0							0	
IEDA	1020	Academic and Professional Development II	0					0	0					0	
IEDA IEDA	1990 1991	Note: IEDA1990 OR IEDA1991 Industrial Training Industrial Experience	0 0			0*	0^							0	
IEDA	2520	Probability for Engineers	3			3								3	
IEDA	2540	Statistics for Engineers	3				3							3	This course will also be used to substitute ISOM2500
IEDA	3010	Presciptive Analytics	3					3						3	
IEDA	3230	Engineering Economics and Accounting	3					3						3	
IEDA	3250	Stochastic Models	3						3					3	
IEDA	3300	Industrial Data Systems	3				3							3	
IEDA	4100	Integrated Production Systems	3								3			3	This course will also be used to substitute ISOM 2700
IEDA	4130	System Simulation	3								3			3	
IEDA IEDA	4901 4960	Note: IEDA4901 OR IEDA4990 Final Year Thesis Industrial Engineering and Engineering Management Final Year Project	6 6									3	3	6	
ENGG	2010	Engineering Seminar Series	0			0	0	0	0	0	0	0	0	0	
ECON ECON	2103 2113	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics	3 3			3								3	
LANG	4032	Technical Communication II for Industrial Engineering and Decision Analytics	3								3			3	
IEDA		Industrial Engineering Electives (Courses from the specified 21 elective list, of which at least 15 credits should be taken from 1 of the 2 areas and at least 6 credits outside that area.)	21			6	3		3		3	3	6	21	
		Required credits for Major Requirements Courses and Electives	57											57	

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)								0	
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/COMP2011
ISOM	2020	Coding for Business	1				1							1	
ISOM	2500	Business Statistics	3	---	---	---	---	---	---	---	---	---	---	0	Substituted by IEDA2540
ISOM	2600	Introduction to Business Analytics	1				1							1	
ISOM	2700	Operations Management	3	---	---	---	---	---	---	---	---	---	---	0	Substituted by IEDA 4100
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											30	

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	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

Dept.	Code	Title	Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S	Sub-total	Remarks
CORE	C3 - C12	U CORE - Others	30	6	6				6	6	6			30	
CORE	C1 & C2	U CORE - English Language	6		3	3								6	
		Sub-total for University CORE	36											36	

Term load (excl. free credits)

	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S
	18	18	18	18	18	19	18	16	15	13

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

Notes:

( ) indicates the reuse of the same course to 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.