## The Hong Kong University of Science and Technology **Interdisciplinary Programs Office**

An Example on Student's Pathway

IDMARK 2020-21 Intake (Via DDP PBA)

School:						BSc majo	or	BBA maj	or						
		School of Engineering and School of Business Management								Studen	t's Pathway	<u> </u>			1
rogram:		Dual Degree Program (BSc in Integrative Systems and Design and BBA in Marketing)													
						:									
ourse ffering Dept. ourse 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
				=	ng	=	ng	=	ng	=	ng	=	ng		
		ms and Design													
lajor Requirer															
ingineering Funda	mental Courses	Note: COMP4024, OP, COMP4022P		п									T	ı	1
OMP	1021	Note: COMP1021 OR COMP1022P Introduction to Computer Science	3	3		İ		ĺ						3	This course will also be use substitute ISOM 2010
OMP NGG	1022P 1010	Introduction to Computing with Java Academic Orientation	3 0	0	0	<del>-</del>								0	Substitute ISOM 2010
ANG	2030	Technical Communication I	3	₩ -	0	<u> </u>		<u> </u>	3					3	
		Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND	4-7			:			_						
IATH	1012	(MATH 1014 OR MATH 1024)] OR [MATH 1020] Calculus IA	4			!									
IATH IATH	1013 1014	Calculus IB Calculus II	3	3	3	!								6	
MATH	1020	Accelerated Calculus	4			!		_							
MATH MATH	1023 1024	Honors Calculus I Honors Calculus II Note: PHYS1001 OR PHYS1111 OR PHYS1112 OR PHYS1312	3			i									
PHYS	1001	Note: PHYS1001 OR PHYS1111 OR PHYS1112 OR PHYS1312 Physics and the Modern Society	3			i		i							
PHYS	1111	General Physics I	3		3	i								3	
HYS HYS	1112 1312	General Physics I with Calculus Honors General Physics I	3 3												
Asia Banda I O		Required credits for Engineering Fundamental Courses	13-16			!								15	
Major Required Co			Ι ,	1	I		1				1	1	1	1 2	1
DN DN	1002	Redefining Problems for the Real Needs Sketching	3 1	1		3 1					<u> </u>	<del>                                     </del>		3 1	
SDN	1006	Human-centered Innovation	3	1		i <del></del>	3							3	
BDN	2001	Second Year Design Project I	1					1						1	
SDN	2002	Second Year Design Project II	4						4					4	
SDN	2200	Systems Thinking and Design	3	-		3								3	
SDN SDN	2300	Digital Design Physical Prototyping	3	-		3	-		3			1		3	-
SDN	3001	Third Year Design Project I	4	1		<u> </u>			3	4	<u> </u>	+		4	
SDN	3002	Third Year Design Project II	4			i —					4			4	
SDN	4001	Final Year Design Project I	5									5		5	
SDN	4002	Final Year Design Project II	5	<u> </u>		<u> </u>				_			5	5	
ANG	4032	Technical Communication II for IEDA and ISDN	3	┨——		<del>!                                    </del>		-		3				3	
SDN/ENGG/IEDA		Design Electives (5 credits from the specified elective list)  Product Management and Entrepreneurship Electives (9 credits from the specified elective				!									DDP students could use FINA ISOM 2700 and MARK 2120
SDN/ENTR/IEDA/SBM		list) Project-related Electives (22 credits from the specified elective list. Students should seek	36			!	5	3	3	3	7	3	3	27	satisfy the requirement of Pro Management and Entreprene
SDN		approval of their advisor for the choices of courses)				i									Electives
	R	equired credits for Major Requirements Courses and Electives	78			i		<u> </u>						69	
BBA in Mark	eting														
School Require															
сст	2010	Principles of Accounting I	3			3	Ι							3	
сст	2200	Principles of Accounting II	3			!			3					3	
-001	0400	Note: ECON 2103 OR ECON 2113				i									
ECON ECON	2103 2113	Principles of Microeconomics Microeconomics	3			3								3	
		Note: ECON 2123 OR ECON 3123				<del></del>								_	
ECON ECON	2123 3123	Macroeconomics Macroeconomic Theory I	3 3			:		3						3	
INA	2303	Financial Management	3			:	3							3	
SOM	2010	Introduction to Information Systems	3											0	Substituted by COMP 1021/10
SOM	2020	Coding for Business	1			<u>i                                    </u>		1						1	
SOM	2500	Business Statistics	3	<b> </b>		3		1						3	
SOM SOM	2600 2700	Introduction to Business Analytics  Operations Management	3			<del></del>		1		3				3	
MARK	2120	Marketing Management	3			:	3							3	MARK 2120 is a major pre-req
IGMT	2010	Business Ethics and the Individual	2	┨───		2	3							2	WARK 2120 is a major pre-requ
1GMT	2110	Organizational Behavior	3	<b> </b>			3							3	
IGMT	2130	Business Ethics and Social Responsibility	2				L	2						2	
вмт	1111	Business Student Induction	0											0	Waived for DDP students
ABU	2040	Business Case Analyses	3			<u> </u>		3						3	
	2060	Effective Communication in Business	3	II		-	I				3			3	1
ABU	1	NATU 4002 OF MATU 4040 OF MATU 4040 OF MATU		1		; <del></del>					1	1	1		DDP students should take MA
1ATH	1003	Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra	3-4 3			<u> </u>									
IATH IATH	1012	Calculus and Linear Algebra Calculus IA	3 4	(3)										0	1012 or MATH 1013 or MATH or MATH 1023 to satisfy th
IATH IATH IATH IATH	1012 1013 1020	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus	3 4 3 4	(3)										0	1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng a
ABU  MATH  MATH  MATH  MATH  MATH  MATH	1012 1013	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I	3 4 3 4 3	(3)											1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng a BBA degrees
MATH MATH MATH MATH MATH	1012 1013 1020 1023	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus	3 4 3 4 3	(3)										0 39	1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng a
MATH MATH MATH MATH MATH MATH MATH MATH	1012 1013 1020 1023 ments	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements	3 4 3 4 3	(3)											1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng a
MATH  MATH  MATH  MATH  MATH  MATH  MAJOR Requirer  Major Required Co	1012 1013 1020 1023 ments purses and Electiv	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements	3 4 3 4 3 45-46	(3)				A						39	1012 or MATH 1013 or MATH or MATH 1023 to satisfy th requirements of both BEng a
MATH MATH MATH MATH MATH MATH MAJOr Requirer Major Required Co	1012 1013 1020 1023 ments purses and Electiv 3220	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements  es  Marketing Research	3 4 3 4 3 45-46	(3)				4						39	1012 or MATH 1013 or MATH or MATH 1023 to satisfy th requirements of both BEng a
MATH AATH AATH AATH AATH AATH AATH AATH	1012 1013 1020 1023 ments purses and Electiv 3220 3420	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements  es  Marketing Research Consumer Behavior	3 4 3 4 3 45-46	(3)				4	4					39	1012 or MATH 1013 or MATH or MATH 1023 to satisfy th requirements of both BEng a
MATH MATH MATH MATH MAJOR Requirer Major Required Co MARK MARK MARK	1012 1013 1020 1023 ments purses and Electiv 3220	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements  es  Marketing Research Consumer Behavior  Strategic Marketing	3 4 3 4 3 45-46	(3)				4	4				4	39 4 4 4	1012 or MATH 1013 or MATH or MATH 1023 to satisfy th requirements of both BEng a
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ATH ATH ATH ATH ATH ATH ATH ATH  Major Requirer Major Required Co ARK ARK ARK ARK	1012 1013 1020 1023 ments purses and Electiv 3220 3420 4210	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements  es  Marketing Research Consumer Behavior Strategic Marketing  MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)  Required credits for Major Required Courses and Electives	3 4 3 4 3 45-46	(3)				4	4	4	4	4	4	39 4 4 4	1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng a
ATH ATH ATH ATH ATH ATH ATH ATH ATH AITH AI	1012 1013 1020 1023 ments purses and Electiv 3220 3420 4210	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements   Required credits for School Requirements   Barketing Research Consumer Behavior Strategic Marketing  MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)  Required credits for Major Required Courses and Electives	3 4 3 4 3 45-46	(3)				4	4	4	4	4	4	39 4 4 4 12	1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng a
ATH ATH ATH ATH ATH ATH ATH ATH  Major Requirer Major Required Co ARK	1012 1013 1020 1023 ments purses and Electiv 3220 3420 4210	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements   Required credits for School Requirements   Barketing Research Consumer Behavior Strategic Marketing  MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)  Required credits for Major Required Courses and Electives	3 4 3 4 3 45-46	(3)				4	4	4	4	4	4	39 4 4 4 12	1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng a
Major Requirer Major Requirer Major Required Co Mark Mark Mark Mark Mark Mark Mark Mark	ments urses and Electiv 3220 4210 equirements for Dual Degr	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements  es  Marketing Research Consumer Behavior Strategic Marketing MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)  Required credits for Major Required Courses and Electives  Bee Program	3 4 3 4 3 45-46							4				4 4 4 12 24	1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng a
ATH	1012 1013 1020 1023 ments surses and Elective 3220 3420 4210 equirements for Dual Degre	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements   Required credits for School Requirements  Es  Marketing Research Consumer Behavior  Strategic Marketing MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)  Required credits for Major Required Courses and Electives  Bee Program  Technology and Management Professional Activities	3 4 3 4 3 45-46	(3)	0	0	0	4	4	4	4	4	4	39 4 4 4 12 24	1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng a
ATH	ments urses and Electiv 3220 4210 equirements for Dual Degr	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements  Required credits for School Requirements  Bes Marketing Research Consumer Behavior Strategic Marketing MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)  Required credits for Major Required Courses and Electives  Bee Program  Technology and Management Professional Activities Case-based Problem Solving	3 4 3 4 3 45-46		0 3	0	0							39 4 4 4 12 24	1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng a
ATH	1012 1013 1020 1023 ments purses and Electiv 3220 3420 4210 equirements for Dual Degr	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements   Required credits for School Requirements  Es  Marketing Research Consumer Behavior  Strategic Marketing MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)  Required credits for Major Required Courses and Electives  Bee Program  Technology and Management Professional Activities	3 4 3 4 3 45-46			0	0							39 4 4 4 12 24	1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng
ATH	1012 1013 1020 1023 ments surses and Elective 3220 3420 4210 equirements for Dual Degree 1010 3950	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements  Required credits for School Requirements  ES  Marketing Research Consumer Behavior Strategic Marketing  MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)  Required credits for Major Required Courses and Electives  S  Be Program  Technology and Management Professional Activities Case-based Problem Solving  Required credits for Additional Requirements	3 4 3 4 3 45-46	0	3	0				0		0	0	39 4 4 4 12 24	1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng
Major Requirer Major Requirer Major Required Co Mark Mark Mark Mark Mark Mark Mark Mark	1012	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements  Required credits for School Requirements  ES  Marketing Research Consumer Behavior Strategic Marketing  MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)  Required credits for Major Required Courses and Electives  S  Be Program  Technology and Management Professional Activities Case-based Problem Solving  Required credits for Additional Requirements  U CORE - Others	3 4 3 4 3 45-46		6	0	0							39 4 4 4 12 24	1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng
ATH	1012 1013 1020 1023 ments surses and Elective 3220 3420 4210 equirements for Dual Degree 1010 3950	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements  Required credits for School Requirements  ES  Marketing Research Consumer Behavior Strategic Marketing  MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)  Required credits for Major Required Courses and Electives  S  Be Program  Technology and Management Professional Activities Case-based Problem Solving  Required credits for Additional Requirements	3 4 3 4 3 45-46 4 4 4 12 24	0	3	0				0		0	0	39 4 4 4 12 24 0 3 3 30	1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng a
ATH	1012	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements  Required credits for School Requirements  ES  Marketing Research Consumer Behavior Strategic Marketing  MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)  Required credits for Major Required Courses and Electives  Bee Program  Technology and Management Professional Activities Case-based Problem Solving  Required credits for Additional Requirements  U CORE - Others U CORE - English Language	3 4 3 4 3 45-46 4 4 4 12 24	0	6	0	3	0	0 O	0	0	0	0	39 4 4 4 4 12 24  0 3 3 30 6	1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng
ATH	1012	Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus Honors Calculus I  Required credits for School Requirements  Required credits for School Requirements  ES  Marketing Research Consumer Behavior Strategic Marketing  MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)  Required credits for Major Required Courses and Electives  Bee Program  Technology and Management Professional Activities Case-based Problem Solving  Required credits for Additional Requirements  U CORE - Others U CORE - English Language	3 4 3 4 3 45-46 4 4 4 12 24	0	6	0	3	0 Ferm load (e	0	0		0	0	39 4 4 4 4 12 24  0 3 3 30 6	1012 or MATH 1013 or MATH or MATH 1023 to satisfy the requirements of both BEng a

- ( ) 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):

<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.