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

IDECON **2020-21 Intake**
(Via DDP PBA)

School:		School of Engineering and School of Business Management								Student's Pathway					
Program:		Dual Degree Program (BSc in Integrative Systems and Design and BBA in Economics)					<< Declaration of BSc 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

BSc in Integrative Systems and Design
Major Requirements
Engineering Fundamental Courses

Dept	Code	Title	Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S	Sub-total	Remarks
COMP	1021	Note: COMP1021 OR COMP1022P / Introduction to Computer Science	3	3										3	This course will also be used to substitute ISOM 2010
COMP	1022P	Introduction to Computing with Java	3												
ENGG	1010	Academic Orientation	0	0	0									0	
LANG	2030	Technical Communication I	3						3					3	
MATH	1012	Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)] OR [MATH 1020] / Calculus IA	4-7 / 4	3	3									6	
MATH	1013	Calculus IB	3												
MATH	1014	Calculus II	3												
MATH	1020	Accelerated Calculus	4												
MATH	1023	Honors Calculus I	3												
MATH	1024	Honors Calculus II	3												
PHYS	1001	Note: PHYS1001 OR PHYS1111 OR PHYS1112 OR PHYS1312 / Physics and the Modern Society	3		3									3	
PHYS	1111	General Physics I	3												
PHYS	1112	General Physics I with Calculus	3												
PHYS	1312	Honors General Physics I	3												
		Required credits for Engineering Fundamental Courses	13-16											15	

Major Required Courses and Electives

Dept	Code	Title	Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S	Sub-total	Remarks
ISDN	1002	Redefining Problems for the Real Needs	3			3								3	
ISDN	1004	Sketching	1			1								1	
ISDN	1006	Human-centered Innovation	3				3							3	
ISDN	2001	Second Year Design Project I	1					1						1	
ISDN	2002	Second Year Design Project II	4						4					4	
ISDN	2200	Systems Thinking and Design	3			3								3	
ISDN	2300	Digital Design	3			3								3	
ISDN	2400	Physical Prototyping	3						3					3	
ISDN	3001	Third Year Design Project I	4							4				4	
ISDN	3002	Third Year Design Project II	4								4			4	
ISDN	4001	Final Year Design Project I	5									5		5	
ISDN	4002	Final Year Design Project II	5										5	5	
LANG	4032	Technical Communication II for IEDA and ISDN	3						3					3	
ISDN/ENGG/IEDA ISDN/ENTR/IEDA/SBM ISDN		Design Electives (5 credits from the specified elective list) Product Management and Entrepreneurship Electives (9 credits from the specified elective list) Project-related Electives (22 credits from the specified elective list. Students should seek approval of their advisor for the choices of courses)	36				5	3	3	3	7	3	3	27	DDP students could use FINA 2303, ISOM 2700 and MARK 2120 to satisfy the requirement of Product Management and Entrepreneurship Electives
		Required credits for Major Requirements Courses and Electives	78											69	

BBA in Economics
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	2103	Note: ECON 2103 OR ECON 2113 / Principles of Microeconomics	3		3									3	ECON 2103/2113/2123 is a major prerequisite
ECON	2113	Microeconomics	3												
ECON	2123	Note: ECON 2123 OR ECON 3123 / Macroeconomics	3			3								3	
ECON	3123	Macroeconomic Theory I	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			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	
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	1003	Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 / Calculus and Linear Algebra	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
MATH	1012	Calculus IA	4												
MATH	1013	Calculus IB	3												
MATH	1020	Accelerated Calculus	4												
MATH	1023	Honors Calculus I	3												
		Required credits for School Requirements	45-46											39	

Major Requirements
Major Required Courses and Electives

Dept	Code	Title	Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S	Sub-total	Remarks
ECON	3014	Managerial Microeconomics	4					4						4	
ECON	3024	Managerial Macroeconomics	4						4					4	
ECON	3334	Introduction to Econometrics	4							4				4	
ECON	4670	Economics Research and Communication	0								0			0	
ECON		ECON 4000-level Electives (Any 3 courses of the subject and level as specified)	11								4	4	3	11	
		Required credits for Major Required Courses and Electives	23											23	

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	9	3				3	3	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)										
18	18	19	19	18	20	20	18	18	17	**185##**

<< 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.