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

IDGBUS **2021-22 Intake**
(Via DDP PBA)

					<< Declaration of BSc major	<< Declaration of BBA major	Student's Pathway									

School: School of Engineering and School of Business Management

Program: Dual Degree Program (BSc in Integrative Systems and Design and BBA in Global Business)

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

Course	Code	Title	Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S	Sub-total	Remarks
COMP / COMP / COMP / COMP	1021 / 1022P / 2011 / 2012H	Note: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H; Introduction to Computer Science / Introduction to Computing with Java / Programming with C++ / Honors Object-Oriented Programming and Data Structures	3-5 / 3 / 3 / 4 / 5	3										3	Students should take COMP1021 which will also be used to substitute ISOM 2010 and to waive ISOM 2020
ENGG	1010	Academic Orientation	0	0	0									0	
LANG	2030	Technical Communication I	3	---	---	---	---	---	---	---	---	---	---	0	Waived for DDP students
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] (Subject to approval of the program office, MATH 1014/1024 may be replaced by a COMP course); 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	
PHYS / PHYS / PHYS / PHYS	1001 / 1111 / 1112 / 1312	Note: PHYS1001 OR PHYS1111 OR PHYS1112 OR PHYS1312; Physics and the Modern Society / General Physics I / General Physics I with Calculus / Honors General Physics I	3 / 3 / 3 / 3	3										3	
		Required credits for Engineering Fundamental Courses	13-18											12	

Major Required Courses and Electives

Course	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	7	3	6		30	DDP students could use ISOM 2700 and MARK 2120 to satisfy part of the requirement of Product Management and Entrepreneurship Electives
		Required credits for Major Requirements Courses and Electives	78											72	

BBA in Global Business
School Requirements

Course	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								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/ 2011/ 2012H
ISOM	2020	Coding for Business	1	---	---	---	---	---	---	---	---	---	---	0	Waived for DDP students if they have taken and passed COMP 1021 or COMP 1029P
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	---	---	---	---	---	---	---	---	---	---	0	Waived for DDP students
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	45-46											35	

Major Requirements
Major Required Courses and Electives

Course	Code	Title	Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S	Sub-total	Remarks
GBUS	1000	Global Leadership Development	0					0	0	0	0	0	0	0	
GBUS	2010	Global Business Analysis	3					3						3	
GBUS	2020	Public Service Project	1					1	[1]					1	
GBUS/ISOM GBUS ISOM	3030 / 2040	Note: GBUS 3030 OR ISOM2040; Global Business Case Studies / Business Simulation and Strategic Decisions	3-4 / 4 / 3							4	[3]			4	
GBUS	4910	Capstone Project	4									4	[4]	4	
GBUS		Global Business Electives (Courses from the specified elective list, of which at least 6 credits from each area and at least 2 courses must be offered by GBUS. Courses taken to fulfill requirements of an additional major in SBM may not be counted towards this elective requirement.)	15								6	3	6	15	
		Required credits for Major Required Courses and Electives	26-27											27	

Additional Requirements
Requirements for Dual Degree Program
Required Courses

Course	Code	Title	Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S	Sub-total	Remarks
TEMG	1010	T&M Professional Activities	0	0	0	0	0	0	0	0	0	0	0	0	
TEMG	3950	T&M Case Analysis and Product Innovation	3		3									3	
TEMG	4950	T&M Corporate Consulting Project	3-5					4						4	
		Required credits for Additional Requirements	7											7	

University CORE

Course	Code	Title	Credits	Y1F	Y1S	Y2F	Y2S	Y3F	Y3S	Y4F	Y4S	Y5F	Y5S	Sub-total	Remarks
CORE	C3 - C12	U CORE - Others	30	9	6			6	3	6			0	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	20	20	20	20	18	17		
				189##								

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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.