The Hong Kong University of Science and Technology Academy of Interdisciplinary Studies

IDMARK 2023-24 Intake (Via DDP PBA)

An Example on Student's Pathway (as of August 3, 2023)

<< Declaration of SSc major BBA major

-						BSc majo	or	BBA maj	or						
School:		School of Engineering and School of Business Management								Studen	t's Pathwa	у			1
Program: Dual Degree Program (BSc in Integrative Systems and Design and BBA in Marketing)															
					~		≺		~		≺		≺		1
Course			S	Year 1 Fall	Year 1 Spring	Year 2 Fall	Year 2 Spring	Year 3 Fall	rear 3 Spring	Year 4 Fall	Year 4 Spring	Year 5 Fall	rear 5 Spring	Sub	Remarks
Offering Dept. (course code prefix)	Course Code	Course Title / Courses List	Credits	7	1 Sp	2 F	2 Sp	r 3 F	3 Sp	7.4 E	Sp 4	5 E	Sp	Sub-total	
(course code prefix)			0,	a	ring	≅	ring	<u>≅</u>	ring	<u>a</u>	ring	<u>a</u>	ring	<u> </u>	
BSc in Integr	rative System	ns and Design	ı	1				•			I	I	I		<u> </u>
Major Requirer		iis und besign													
Engineering Funda															
COMP	1021	Note: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H Introduction to Computer Science	3-5 3			ì		i							Students should take COMP1021
COMP	1022P	Introduction to Computing with Java	3	3		į		i						3	which will also be used to substitute
COMP COMP	2011 2012H	Programming with C++ Honors Object-Oriented Programming and Data Structures	4 5			! !		<u>!</u>							ISOM 2010 and to waive ISOM 2020
LANG	2030	Technical Communication I Note: [MATH 1012 OR MATH 1013 OR MATH 1023 AND (MATH 1014 OR MATH 1024)] OR	3 4-7			<u> </u>								0	Waived for DDP students
		[MATH 1020] (Subject to approval of the program office, MATH 1014/1024 may be replaced	4-7												
		by a COMP course)				Ī		į							
MATH MATH	1012 1013	Calculus IA Calculus IB	4	3	3	Ī		Ī						6	
MATH MATH	1014 1020	Calculus II Accelerated Calculus	3 4			i		i							
MATH	1023	Honors Calculus I	3			i		Ī							
MATH	1024	Honors Calculus II Note: PHYS1101 OR PHYS1111 OR PHYS1112 OR PHYS1312	3	1		i		i							
PHYS PHYS	1101 1111	Introductory Physics General Physics I	4		3			i i						3	
PHYS PHYS	1112 1312	General Physics I with Calculus Honors General Physics I	3			!		!							
		Required credits for Engineering Fundamental Courses	13-18			<u> </u>		<u>; </u>						12	
Major Required Co			1	11											
ISDN ISDN	1001 1002	Introduction to Integrative Systems and Design Redefining Problems for the Real Needs	3	1		3		į						3	
ISDN	1002	Sketching	1	1		1		i						1	†
ISDN	1006	Human-centered Innovation	3			Ĭ	3							3	
ISDN	1010	Academic Orientation I	0	<u> </u>		0	0	i						0	T-1. 1 100 : -
ISDN ISDN	1011* 2001	Industrial Training Second Year Design Project I	0	1-	+	!		1						0	Take in Winter or Summer
ISDN	2002	Second Year Design Project II	4						3					3	
ISDN	2010	Academic Orientation II						0	0						
ISDN ISDN	2200	Systems Thinking and Design Digital Design	3	-		3		<u> </u>	 					3	+
ISDN	2400	Digital Design Physical Prototyping	3	1				!	3					3	†
ISDN	2601	Exploring the World Thorugh Smart Mechatronics	3				3							3	
ISDN	2602	Internet of Things: Integrative System Design	3			i –		3						3	
ISDN ISDN	2603 3200	Materials, Shape and Design Graphic Communication	3	1-	+				3	2				3	+
ISDN	3001	Graphic Communication Third Year Design Project I	4	\vdash		÷		: 		3				3	+
ISDN	3002	Third Year Design Project II	4								3			3	
ISDN	3010	Academic Orientation III	-	ļ	1	!		!		0	0				
ISDN ISDN	4001 4002	Final Year Design Project I Final Year Design Project II	5 5	1		!		!				4	4	4	
ISDN	4010	Academic Orientation IV	3	1		<u> </u>		!				0	0	-	
	4030	Note: LANG 4030 OR LANG 4031 OR LANG 4032 OR LANG 4034 Technical Communication II for CSE, CPEG & DSCT				Ī		Ī							
LANG	4031	Technical Communication II for ECE & CPEG	3			i		i		3				3	
	4032 4034	Technical Communication II for IEDA and ISDN Technical Communication II for Mechanical and Aerospace Engineering				<u>i </u>		i .							
ISDN		Project-related Electives (Students should seek approval of their advisor for the choices of courses)	18			i		3	3	3	6	3		18	
		ovuises)		1		!		!							DDP students could use ISOM
ISDN/ENTR/TEMG/FINA/I		Product Management and Entrepreneurship Electives (Courses from the specified elective list,	6			•		ŧ			3			3	2700/MARK 2120 to satisfy part of the requirement of Product
SOM/MARK		of which at least 1 course must be at 3000-level or above.)				!		!							Management and Entrepreneurship
	Red	quired credits for Major Requirements Courses and Electives	78			ţ		<u> </u>						72	Electives
BBA in Mark	eting														
School Require	ements														
ACCT	2010	Principles of Accounting I	3	3		ı		ļ .						3	
ACCT	2200	Principles of Accounting II	3			i		i	3					3	
ECON	2103	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics	3		3	i		i						3	
ECON	2113	Microeconomics Note: ECON 2123 OR ECON 3123	3	<u> </u>		i		. 							
ECON ECON	2123 3123	Macroeconomics	3			i		3						3	
FINA	2303	Macroeconomic Theory I Financial Management	3	1		! 	3	! 						3	
ISOM	2010	Introduction to Information Systems	3											0	Substituted by COMP 1021/ 1022P/ 2011/ 2012H
ISOM	2020	Coding for Rusiness	1											0	Waived for DDP students if they have taken and passed COMP 1021 or
		Coding for Business				<u> </u>		Ļ <u> </u>							COMP 1029P
ISOM	2500 2600	Business Statistics	3	<u> </u>		3		i					1	3 0	
ISOM	2700	Introduction to Business Analytics Operations Management	3	1		i		i				3	'	3	
MARK	2120	Marketing Management	3	3		i		i						3	MARK 2120 is a major pre-requisite
				,	1	i 		i —		_					
MGMT MGMT	2010 2110	Business Ethics and the Individual Organizational Behavior	3	1-	+	i 	3	i 	-	2				3	
MGMT	2130	Business Ethics and Social Responsibility	2	1	1	<u> </u>		<u>: </u>			2			2	
		Note: LANG 2061 OR 2062 OR 3060				:		:							Non DDP-ECON students take ONLY a 3-credit of SBM-specific
LANG	2061	Professional Writing for the Workplace	3		1	!	ĺ	ļ.	Ì			3		3	English course, in which they can
	2062 3060	Professional Speaking for the Workplace Advanced Academic Writing	3		1	!	ĺ	ļ	Ì						choose from one of the three LANG courses (LANG 2061, LANG 2062,
		Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023	3-4	1		ļ		!							or LANG 3060). DDP students should take MATH
MATH MATH	1003 1012	Calculus and Linear Algebra Calculus IA	3 4	(0)		į]	į						_	1012 or MATH 1013 or MATH 1020
MATH MATH	1013 1020	Calculus IB Accelerated Calculus	3 4	(3)		i]	i						0	or MATH 1023 to satisfy the requirements of both BEng and BBA
MATH	1023	Honors Calculus I	3	 		i —		i						6.1	degrees
Required credits for School Requirements 45-46															
Major Required Co		es .													
MARK	3220	Marketing Research	4			<u> </u>		4						4	
MARK	3420	Consumer Behavior	4					!	4					4	
MARK	4210	Strategic Marketing	4	<u> </u>		<u> </u>		!		4				4	
MARK		MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)	12	<u> </u>		<u>i </u>					4	4	4	12	
		Required credits for Major Required Courses and Electives	24			:								24	
Additional R															
Requirements	for Dual Degre	e Program													
Required Courses	1010	Te M Drefessional Acti **:	-	1 -	· -	_	_	-	_	_	-	_	_	-	
TEMG TEMG	1010 3950	T&M Professional Activities T&M Case Analysis and Product Innovation	3	0	3	0	0	0	0	0	0	0	0	3	+
TEMG	4950	T&M Corporate Consulting Project	3-5	1	3	<u> </u>		4						4	†
		Required credits for Additional Requirements				<u> </u>		!						7	
University COF															
CORE	C3 - C9	U CORE - Others	21	<u> </u>		3	6	3					9	21	
CORE HMAW	C1 & C2 1905	U CORE - English Language Behavioral Foundations of University Education: Habits, Mindsets, and Wellness	6	3	3	<u> </u>		!	 					6	+
		Sub-total for University CORE				<u>i </u>		<u> </u>						30	
								Term load (e				-	-		
				16	17	19	18	21 1	19 79##	17	18	17	17	ĺ	
						<< Declar	ration of	<< Decla						j	
Notes:						BSc majo		BBA major							

() 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 $\ensuremath{\textit{##}}$ 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.