The Hong Kong University of Science and Technology Interdisciplinary Programs Office An Example on Student's Pathway (as of July 11, 2022)

		An Example on Studen	An Example on Student's Pathway (as of July 11, 2022) I<> Declaration of I<> Declaration of BBA BEng major major													
School:		School of Science and School of Business Management		BEng major major Student's Pathway												
Program:		Dual Degree Program (BSc in Biotechnology and BBA in General Business Mana	gement)	ent)												
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 Spri	Year 5 Fall	Year 5 Spri	Sub-total	Remarks	
3Sc in Biote	chnology			=	ng		ng	i =	ng	=	ng	=	ng	_		
School Require																
CIE	1000	Science School Induction Note: COMP1021 OR COMP1022P OR COMP2011	0 3-4	0	0									0		
COMP	1021	Introduction to Computing with Java	3			3		i						3	Students should take COMP1021 which will also be used to substitut	
COMP	1022P 2011	Programming with C++	3 4			i.		i I							ISOM 2010 and to waive ISOM 202	
ANG	2010	English for Science I Science Foundation courses [8 courses from the specified elective list. Students should	3			i -		i -			-		-	0	Waived for DDP students	
SSCI		take (i) 7 foundation lecture courses, including at least 1 lecture course, but no more than 3 lecture courses, from each of the four disciplines: CHEM, LIFS/OCES, MATH and PHYS; an	22-25			İ		İ								
	1004	(ii) 1 laboratory course.]				į		İ								
CHEM	1010	Chemistry in Everyday Life General Chemistry IA	3 3			!		ļ								
CHEM	1020 1030	General Chemistry IB General Chemistry II	3 3			!		ļ								
CHEM	1050 1055	Laboratory for General Chemistry I Laboratory for General Chemistry II	1			!										
LIFS	1901@ 1902@	General Biology I @ General Biology II @	3 3													
IFS	1903	Laboratory for General Biology I	3			-									LIFS1901 & LIFS1902 are Major Pr	
.IFS .IFS	1904 1930	Laboratory for General Biology II Nature of Life Sciences	1			i									requisite	
IFS //ATH	2210 1012	Biochemistry I Calculus IA	3 3			i .									Students are recommended to tak	
ЛАТН ЛАТН	1013 1014	Calculus IB Calculus II	4	10	3	6	3	i						22	CHEM1010, CHEM1030, LIFS190 LIFS2210 and MATH1013 to satisf	
HTAN	1020	Accelerated Calculus	3			i		i							the requirements of both SSCI School requirements and Major	
ИАТН ИАТН	1023 1024	Honors Calculus I Honors Calculus II	4 3			i		i							requirements	
ИАТН ИАТН	2023 2121	Multivariable Calculus Linear Algebra	3 4			i		i								
MATH DCES	2131 1030	Honors in Linear and Abstract Algebra I Environmental Science	4			ļ		İ								
PHY	1001	Physics and the Modern Society	3			ļ		ļ								
РНҮ РНҮ	1111 1112	General Physics I General Physics I with Calculus	3 3			!		1								
РНҮ РНҮ	1113 1114	Laboratory for General Physics I General Physics II	1 3					!								
РНҮ РНҮ	1115 1312	Laboratory for General Physics II Honors General Physics I	1 3													
РНҮ	1314	Honors General Physics II	3					-								
Major Require	ments	Required credits for School / Major Pre-requisite Requirements	25-29		Į	•	Į	-	1		Į		ļ	25	ļ	
Major Required Co	ourses and Elect		1.4	(4)	1		1		T	I.	r	1	I			
LIFS	1903 1904	Laboratory for General Biology I Laboratory for General Biology II	1	(1)	1	1		1						0		
LIFS	2040 2070	Cell Biology Introduction to Biotechnology	3			3	3	i –						3		
LIFS	2080	Plant Biology	3			<u>į</u>	3	1						3		
LIFS	2210 3060	Biochemistry I Microbiology	3			(3)		<u> </u>	3					0		
LIFS	3110 3140	Biotechnological Application of Recombinant DNA Techniques General Genetics	3			1		3		4				3		
LIFS	4150	Plant Biotechnology	3			!						3		3		
LIFS	4200	Concepts and Issues in Contemporary Biotechnology Note: LIFS4963 OR (LIFS4973 AND LIFS4983) OR (SCIE4500 AND LIFS4983) [Students	3 3-7			<u>ļ</u>		<u> </u>		3				3		
		following IRE Track can only use (SCIE4500 AND LIFS4983) to fulfill the requirement.]				l i		l i								
LIFS	4963 4973	Biotechnology Capstone Project Biotechnology Project Research I	3 3			i		i				[3]	3	3		
LIFS SCIE	4983 4500	Biotechnology Project Research II IRE Research Project II	4			ļ		ļ								
		Note: CHEM1010 OR CHEM1020	-			İ		i								
CHEM CHEM	1010 1020	General Chemistry IA General Chemistry IB	3 3	(3)		ļ		į						0		
CHEM CHEM	1030 1050	General Chemistry II Laboratory for General Chemistry I	3	1	(3)	<u> </u>		<u> </u>			1			0		
CHEM	1055	Laboratory for General Chemistry II	1		1	!		1						1		
CHEM	2110	Note: CHEM 2110 OR CHEM 2311 Organic Chemistry I	3					3						3		
CHEM	2311	Analytical Chemistry Note: CHEM2155 OR CHEM2355	3			<u>.</u>					<u> </u>					
CHEM CHEM	2155 2355	Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory	1						1					1		
CENG	1600	Biotechnology and Its Business Opportunities	3			i		1		3				3		
ANG	3024	Science Communication in English (Life Science) Biotechnology Electives (Courses from the specified elective list; Students following IRE	3			i		:			ł – –		3	3		
LIFS/ BIPH/ BTEC/ OCES PHYS/ BIEN/ CENG	57	Track are required to take a minimum of 15 credits; while others a minimum of 18 credits. Courses taken as Major/Track Required Courses may not be counted towards the elective	15-18			i		i			6	6	3	15		
		requirement.) Required credits for Major Required Courses and Electives	62-70			i		i						56		
BBA in Gen	earl Busines	ss Management	02-10	1	1		1							50		
School Require	ements			1	I		I					1	T			
ACCT ACCT	2010 2200	Principles of Accounting I Principles of Accounting II	3			3		<u>t</u>	3					3		
ECON	2103	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics	3			!	3	!						3		
ECON	2113	Microeconomics	3			!	Ű	<u> </u>								
ECON	2123	Note: ECON 2123 OR ECON 3123 Macroeconomics	3 3			!		3						3		
ECON	3123 2303	Macroeconomic Theory I Financial Management	3			1	3	<u> </u>						3		
SOM	2010	Introduction to Information Systems	3			-	-	-			-		-	0	Substituted by COMP 1021/ 1022F 2011	
SOM	2020		1			!		i				<u> </u>		0	2011 Waived for DDP students if they have taken and passed COMP102	
		Coding for Business				i		i –			-	-	_		have taken and passed COMP102 or COMP 1029P	
SOM SOM	2500 2600	Business Statistics Introduction to Business Analytics	3		3	1	1	1						3		
SOM	2700	Operations Management	3			i		i	3					3		
MARK MGMT	2120 2010	Marketing Management Business Ethics and the Individual	3		2	<u>i </u>	3	<u>i </u>						3		
MGMT MGMT	2110 2130	Organizational Behavior Business Ethics and Social Responsibility	3			3		į –					2	3	MGMT 2110 is a major pre-requisit	
SBMT	1111	Business Student Induction	0			-		i -			-		-	0	Waived for DDP students	
ABU ABU	2040 2060	Business Case Analyses Effective Communication in Business	0			i -		i -			-			0	Waived for DDP students	
		Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023	3-4		1	!	1	ļ				Ť		Ť		
MATH MATH	1003 1012	Calculus and Linear Algebra Calculus IA	3 4	(2)		ļ		ļ						0	DDP students should take MATH 1013 OR MATH 1023 to satisfy the	
MATH	1013	Calculus IB	3	(3)	1	1	1	1	1	1	1	1	1	v	requirements of both BSc and BBA	

1013	Calculus IB	3	(0)										5	requirements of both BSc and BBA
1020	Accelerated Calculus	4			1		1							degrees
1023		3			<u> </u>		<u> </u>							
	Required credits for School Requirements	43-44			İ.		İ.						35	
ments														
ourses and Ele														
	SB&M Electives (Any 9 courses offered by the departments under SB&M, of which at least 4	20			1		6	3	7	7	3	3	20	
	courses are of 3000-level or above.)	29			1			3	'	'	3	3	29	
	Required credits for Major Required Courses and Electives	29											29	
Requireme	nts													
6					-		-							
1010	T&M Professional Activities	0	0	0	0	0	0	0	0	0	0	0	0	
3950	T&M Case Analysis and Product Innovation	3		3									3	
4950	T&M Corporate Consulting Project	3-5			i		4						4	
	Required credits for Additional Requirements	7			-		-						7	
RE														
C3 - C12	U CORE - Others	30	3	3				6	3	6	3	6	30	
C1 & C2	U CORE - English Language	6	3	3	1		1						6	
	Sub-total for University CORE	36			1		1						36	
			17	19	18	19	19	19	20	19	18	20		-
						188##								
						<< Declaration of		tion of BBA		•				
Notes:					BEng majo	or	major							
need to complete be	fore enrolling into respective major/programs.				•		•							
	1020 1023 ments ourses and Ele for Dual De s 1010 3950 4950 RE [C3-C12 C1 & C2	1020 Accelerated Calculus 1020 Honos Calculus I Required credits for School Requirements ments ourses and Electives SB&M Electives (Any 9 courses offered by the departments under SB&M, of which at least 4 courses are of 3000-level or above.) Required credits for Major Required Courses and Electives Required credits for Major Required Courses and Electives Required credits for Major Required Courses and Electives Required Courses and Electives Required Courses and Electives Secure Program S 1010 T&M Professional Activities 3950 T&M Case Analysis and Product Innovation 4950 T&M Corporate Consulting Project Required credits for Additional Requirements RE C3 - C12 U CORE - Others C1 & C2 U CORE - English Language	1020 Accelerated Calculus 4 1023 Honors Calculus I 3 Required credits for School Requirements 4344 ments ourses and Electives SB&M Electives (Any 9 courses offered by the departments under SB&M, of which at least 4 courses are of 3000-level or above.) 29 Required credits for Major Required Courses and Electives Program So Required Credits for Major Required Courses and Electives 1010 T&M Professional Activities 0 350 T&M Case Analysis and Product Innovation 345 Required credits for Additional Requirements 7 Re [C3 - C12 U CORE - Others C3 - C12 U CORE - Others C3 - C12 U CORE - English Language C3 - C12 U CORE - English Language Sub-total for University CORE	1013 Laticulus ID 3 1020 Accelerated Calculus 4 1023 Honors Calculus I 3 Required credits for School Requirements Manual State	1013 Calculus ID 3 1020 Accelerated Calculus 4 1023 Honors Calculus I 3 Required credits for School Requirements 04/10/20 Ourses and Electives State Electives Courses and Electives State Electives Required credits for Major Required Courses and Electives Program State Calculus Invovation 10/10 T&M Professional Activities 0 Required credits for Additional Requirements 3 T&M Corporate Consulting Project 3.5 Required credits for Additional Requirements 3.6 T&M Corporate Consulting Project 3.6 Sub-total for University CORE 6 3.0 3.0 3.0 3.0 3.0 3.0	1013 Calculus IB 3 1020 Accelerated Calculus 4 1023 Honos Calculus I 3 Required credits for School Requirements ourses and Electives ourses and Electives 29 Required credits for Major Required Courses and Electives ourses are of 3000-level or above.) Required credits for Major Required Courses and Electives Ourses are of 3000-level or above.) Required credits for Major Required Courses and Electives Ourses are of 3000-level or above.) Required credits for Major Required Courses and Electives Ourses are of 3000-level or above.) Required credits for Additional Requirements Ourses are of 3000-level or above.) Ourses are of 3000-lev	1013 Laticulus ID 3 3 4 1 1020 Accelerated Calculus 4 3 1 1 1023 Honors Calculus I 3 3 1 1 Required credits for School Requirements 43.44 1 1 ments ourses and Electives 29 29 2 1 Required credits for Major Required Courses and Electives 29 2 1 Required credits for Major Required Courses and Electives 29 2 1 Required credits for Major Required Courses and Electives 29 2 2 2 Required Program Stor Dual Degree Program Stor TaM Case Analysis and Product Innovation 3 3 3 1 1 Augured credits for Additional Requirements 7 2	1013 Calculus ID 3 3 4	1013 Laikubus 10 3 4 1020 Accelerated Calcubus 3 1 1 1 1023 Honers Calcubus 1 3 3 1 1 1 Required credits for School Requirements 43.44 1 1 1 1 ments ourses and Electives SBAM Electives (Any 9 courses offered by the departments under SB&M, of which at least 4 29 1 1 6 3 Cequired credits for Major Required Courses and Electives 29 1 0	013 Cutotius is 3 4 1 <	013 Calculus 16 3 3 1 <	013 1020 1020 1020 1020 1020 1020 1020 1	0103 1020 1020 1023 Honon Calculus 1 Accelerated Calculus 1020 Honon Calculus 1 3 4 4 4 4 5 4 4 4 5 4 5 5 5 5 5 5 5 5 5	1013 Duicousis is 3 3 1

@ Course that students need to complete before enrolling into respective major/programs.
 () indicates the reuse of the same course to fulfill more than one requirement.
 [] denotes the course is also offered in other terms as indicated and students may take the course in one of these subject to advice by the program office.
 --- denotes the course/requirement is either waived or substituted
 ## To graduate, students should complete all requirement 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 refer to the Program Catalog/UG Curriculum Handbook for updated graduation requirements. For up-to-date information on course offering and scheduling, 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 refer to the Program Catalog/UG Curriculum Handbook for updated graduation requirements. For up-to-date information on course offering and scheduling, 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 refer to the Program Catalog/UG Curriculum Handbook for updated graduation requirements.