The Hong Kong University of Science and Technology Academy o

of Interdisciplinary Studies	
tudent's Pathway (as of August 3, 2023)	

School:		School of Science and School of Business Management		1		<< Declar BEng maj		<< Declar BBA majo		Student's	Pathwav				
Program:		Dual Degree Program (BSc in Biotechnology and BBA in Global Business)								Caudentis	. surivay				
Course Dffering 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 Biot	echnology														
School Requ	1021	Note: COMP1021 OR COMP1022P OR COMP2011 Introduction to Computer Science	3-4 3	1	1	!	1	!			[1	1	T	Students should take COMP1
COMP COMP COMP	1021 1022P 2011	Introduction to Computer Science Introduction to Computing with Java Programming with C++	3 4			3		!						3	which will also be used to subst ISOM 2010 and to waive ISOM
LANG	2010	English for Science I Science Foundation courses [8 courses from the specified elective list. Students should take	3			·								0	Waived for DDP students
SSCI		 (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; 	22-25			i		i							
CHEM	1008 1020	and (ii) 1 laboratorv course.1 Introductory Chemistry General Chemistry IB	3			į		į							
CHEM CHEM	1030 1050	General Chemistry II Laboratory for General Chemistry I	3 3			!		!							
CHEM LIFS LIFS	1055 1901@ 1902@	Laboratory for General Chemistry II General Biology I @ General Biology II @	3												
LIFS	1903 1904	Laboratory for General Biology I Laboratory for General Biology I	3			i		i							LIFS1901 & LIFS1902 are Majo
LIFS LIFS MATH	1930 2210 1012	Nature of Life Sciences Biochemistry I Calculus IA	1 3 3			i		į							requisite Students are recommended to
MATH MATH MATH	1012 1013 1014	Calculus IA Calculus IB Calculus II	4	10	3	6	3	1						22	CHEM1020, CHEM1030, LIFS LIFS2210 and MATH1013 to s
MATH MATH	1020	Accelerated Calculus Honors Calculus I	3 4			!		!							the requirements of both SS School requirements and Ma
MATH MATH	1024 2023	Honors Calculus II Multivariable Calculus	3 3			:		:							requirements
MATH MATH UCES	2121 2131 1010	Linear Algebra Honors in Linear and Abstract Aluebra I Principles and Applications of Environmental Science	4 4 3			i		i							
PHYS PHYS	1101 1111	Introductory Physics General Physics I	4 3			į		į							
PHYS PHYS	1112 1113	General Physics I with Calculus Laboratory for General Physics I	3 1			ļ		ļ							
PHYS PHYS	1114 1115	General Physics II Laboratory for General Physics II	3			!		!							
PHYS PHYS	1312 1314	Honors General Physics I Honors General Physics II Required credits for School / Major Pre-requisite Requirement:	3 3 5 25-29			¦		i						25	
Major Requir	ements				•			-							
Major Required (Courses and Elec	Laboratory for General Biology I	1	(1)	1	:	<u> </u>	:				1	1	0	
LIFS	1904 2040	Laboratory for General Biology II	1		1	i	3	i <u> </u>						1	
LIFS	2070	Cell Biology Introduction to Biotechnology	3			3								3	
_IFS _IFS	2080 2210	Plant Biology Biochemistry I	3			(3)	3	¦						3	
.IFS .IFS	2220 3150	Biochemistry II Biostatistics	3	-					3					3	
11-2	3150	Note: LIFS4963 OR (LIFS4973 AND LIFS4983) OR (SCIE4500 AND LIFS4983) [Students following IRE Track can only use (SCIE4500 AND LIFS4983) to fulfill the	3-7	-		i —		3						3	
		requirement.]				į		į				101			
LIFS LIFS	4963 4973	Biotechnology Capstone Project Biotechnology Project Research I	3 3 4			!		!				[3]	3	3	
LIFS SCIF	4983 4500	Biotechnology Project Research II IRF Research Project III Note: CHEM1010 CR CHEM1020	3					¦						<u> </u>	
CHEM	1010 1020	General Chemistry IA	3	(3)		i		i						0	
CHEM	1030 1050	General Chemistry II Laboratory for General Chemistry I	3	1	(3)	i —		Ì						0	
CHEM	1055	Laboratory for General Chemistry II Note: CHEM 2110 OR CHEM 2311	1		1	ļ								1	
CHEM	2110 2311	Organic Chemistry I	3			!		3						3	
CHEM	2155	Analytical Chemistry Note: CHEM2155 OR CHEM2355⊡ Fundamental Organic Chemistry Laboratory⊡	1			:		:	1					1	
CHEM	2355	Fundamental Analytical Chemistry Laboratory Note: LANG3024 for students following the Applied Bioscience Track / Entrepreneurship	1			i		;							
LANG	3024	Track OR LANG3027 for students following IRE Track Science Communication in English (Life Science)	3			Ì		Ī					3	3	
LANG	3027	Science Communication in English for Research Students (Chemistry, Life Science and Ocean Science)	3			į		į							
LIFS/ BIPH/ BTEC/ OCES/		Biotechnology Electives (Courses from the specified elective list; Students following IRE Track are required to take a minimum of 15 credits; while others a minimum of 18 credits.	15-18			!		1	3		3	6	3	15	
PHYS/ BIEN/ CENG	an Track/ Entran	Courses taken as Major/Track Required Courses may not be counted towards the elective requirement. reneurship Track	10 10			<u>!</u>		<u> </u>	Ŭ		Ŭ	Ů	Ŭ		
LIFS/ CENG/ SCIE	се паск/ Епігер	Students should follow one of the tracks and complete all requirements as specified:	18-19			i		3	4	3	3	3	3	19	Please refer to the curriculur BIOT for details of the requirer
LIFS/ CENG/ SCIE		Applied Bioscience Track OR Entrepreneurship Track Required credits for Major Required Courses and Elective:				i —		3	4	3	3	3	3	62	of each track.
BBA in Glo	bal Busines	· · · · · · · · · · · · · · · · · · ·	02.10	1				•						0.	
School Requ					1			-		1		1	1		1
ACCT ACCT	2010 2200	Principles of Accounting I Principles of Accounting I	3	3		!			3					3	
ECON	2103 2113	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics	3			i	3	i						3	
ECON	2113	Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomics	3			į		3						3	
ECON	3123 2303	Macroeconomic Theory I Financial Management	3			3		, , , , , , , , , , , , , , , , , , ,						3	
SOM	2010	Introduction to Information Systems	3											0	Substituted by COMP 1021/ 1 2011
SOM	2020	Coding for Business	1											0	Waived for DDP students if have taken and passed COMP
SOM	2500	Business Statistics	3		3	¦		!						3	or COMP 1029P
SOM SOM	2600 2700	Introduction to Business Analytics Operations Management	1			i				3	1			1	
MARK MGMT	2120 2010	Marketing Management Business Ethics and the Individual	3		2	į —	3	ļ —						3	
MGMT	2110	Organizational Behavior	3		2	3		!						3	
MGMT	2130	Business Ethics and Social Responsibility	2			ļ		<u></u>					2	2	Non DDP-ECON students
ANG	2061 2062 3060	Note: LANS 2061 OR 2062 OR 3060 Professional Writing for the Workplace Professional Speaking for the Workplace Advanced Academic Writing	3 3 3									3		3	ONLY a 3-credit of SBM-spe English course, in which they choose from one of the three I courses (LANG 2061, LANG or LANG 3060).
MATH	1003	Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra	3-4 3			i		i							DDP students should take M
MATH MATH	1012 1013	Calculus IA Calculus IB	4	(3)		İ		İ					1	0	1013 OR MATH 1023 to satis requirements of both BSc and
MATH MATH	1020 1023	Accelerated Calculus Honors Calculus I Required credits for School Requirements	4 3 5 42-44			<u> </u>		<u> </u>					<u> </u>	35	degrees
Major Requir		· · · ·	40-44	II		·	L	I	<u> </u>	<u> </u>	L			30	I
Major Required (Courses and Elec	Clobal Leadership Development	0	1	1	:	1	0	0	0	0	0	0	0	
GBUS	2010	Global Business Analysis	3		+	<u></u>		i ·	0	U	U	U	U	3	
GBUS	2020	Note: GBUS 2020 OR GBUS 2040 Public Service Project	1 1			!		l	1	[1]				1	
GBUS GBUS/ISOM	2040	Environmental, Social, and Governance (ESG) Corporate Project Note: GBUS 3030 OR ISOM 4780	1 3-4 4			!		<u> </u>				1	1	+	
GBUS	3030 4780	Global Business Case Studies Integrated Planning and Execution	4 3			i		:		4	[3]		1	4	
BUS	4910	Canstone Project	· .	1	1	v	1	•	1	1	1	1 .	1	1 .	

	1100	integrated Filaming and Excention													
GBUS	4910	Capstone Project	4			i		i				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 fulfil requirements of an additional major in SBM may not be counted towards this elective requirement.)	15					ļ			6	3	6	15	
		Required credits for Major Required Courses and Electives	26-27			ļ		:						27	
Additiona	I Requiremen	ts													-
	nts for Dual Deg	ree Program													
Required Court	rses														
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			i		4						4	
		Required credits for Additional Requirements	7			1		1						7	
University	CORE														
CORE	C3 - C9	U CORE - Others	21			1	3	3		9	6			21	
CORE	C1 & C2	U CORE - English Language	6	3	3			1						6	
HMAW	1905	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness	3	1	2	:		1						3	
		Sub-total for University CORE	30			1		r						30	
					•				•		•				
				18	18	18	18	19	18	19	19	19	20	1	1
					•	•	•	. 11	36##	•	•		•	1	
Notos:				<< Declaration of << Declaration of							-				

BEng major BBA major

@ 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 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.