The Hong Kong University of Science and Technology Academy of Interdisciplinary Studies An Example on Student's Pathway (as of August 3, 2023) |<< Declaration of "BBA major" "BBA major"

BTECON 2023-24 Intake (Via DDP PBA)

					<< Declaration of BEng major BBA major BBA major											
School:		School of Science and School of Business Management														
Program:		Dual Degree Program (BSc in Biotechnology and BBA in Economics)														
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 Biotechnology																
School Requi				0												
COMP COMP	1021 1022P	Note: COMP1021 OR COMP1022P OR COMP2011 Introduction to Computer Science Introduction to Computing with Java	3-4 3 3			3								3	Students should take COMP1021 which will also be used to substitut ISOM 2010 and to waive ISOM	
COMP LANG	2011 2010	Programming with C++ English for Science I	4											0	2020 Waived for DDP students	
		Science Foundation courses [8 courses from the specified elective list. Students should take (i) 7 foundation lecture courses, including at least 1 lecture course, but no more than				İ										
SSCI		3 lecture courses, from each of the four disciplines: CHEM, LIFS/OCES, MATH and PHYS: and (ii) 1 laboratorv course.	22-25			İ										
CHEM	1008 1020	Introductory Chemistry General Chemistry IB	3 3			! :										
CHEM CHEM CHEM	1030 1050	General Chemistry II Laboratory for General Chemistry I	3													
LIFS LIFS	1055 1901@ 1902@	Laboratory for General Chemistry II General Biology II @ General Biology II @	3 3													
LIFS	1903 1904	Laboratory for General Biology I Laboratory for General Biology I	3			i									LIFS1901 & LIFS1902 are Major Pre-requisite	
LIFS LIFS MATH	1930 2210 1012	Nature of Life Sciences Biochemistry I Calculus IA	1 3 3			i									Students are recommended to take	
MATH MATH MATH	1012 1013 1014	Calculus IA Calculus IB Calculus II	4	10	3	6	3							22	CHEM1020, CHEM1030, LIFS1903, LIFS2210 and	
MATH MATH MATH	1014 1020 1023	Accelerated Calculus Honors Calculus	3 3 4												MATH1013 to satisfy the requirements of both SSCI School	
MATH	1024 2023	Honors Calculus I Multivariable Calculus	3			:									requirements and Major requirements	
MATH MATH OCES	2121 2131 1010	Linear Algebra Honors in Linear and Abstract Alnehra I Principles and Applications of Environmental Science	4 4 3													
OCES PHYS PHYS	1010 1101 1111	Principles and Applications of Environmental Science Introductory Physics General Physics I	3 4 3			i										
PHYS PHYS PHYS	1111 1112 1113	General Physics I General Physics I with Calculus Laboratory for General Physics I	3 3 1			Ī										
PHYS PHYS PHYS	1113 1114 1115	Laboratory for General Physics I General Physics II Laboratory for General Physics II	1 3 1			i										
PHTS PHYS PHYS	1312 1314	Honors General Physics I Honors General Physics II	3			i										
		equired credits for School / Major Pre-requisite Requirements	25-29			I								25		
Major Require Major Required Co	ements ourses and Electiv	es														
LIFS	1903	Laboratory for General Biology I	1	(1)										0		
LIFS LIFS	1904 2040	Laboratory for General Biology II Cell Biology	1		1	ļ	3							1		
LIFS	2070	Introduction to Biotechnology	3			3								3		
LIFS	2080 2210	Plant Biology Biochemistry I	3			(3)	3							3		
LIFS LIFS	2220 3150	Biochemistry II Biostatistics	3			: 		3	3					3		
LIFS	3150	BIOSTAURUS 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.]				i		1								
LIFS LIFS	4963 4973	Biotechnology Capstone Project Biotechnology Project Research I	3 3			i						[3]	3	3		
LIFS	4983 4500	Biotechnology Project Research II IRE Research Project II	4 3			i										
CHEM	1010	Note: CHEM1010 OR CHEM1020 General Chemistry IA⊡	3	(3)		ļ								0		
CHEM	1020 1030	General Chemistry IB General Chemistry II	3		(3)	<u> </u>								0		
CHEM	1050 1055	Laboratory for General Chemistry I	1	1	1	<u> </u>								1		
		Laboratory for General Chemistry II Note: CHEM 2110 OR CHEM 2311	-		1	ļ										
CHEM CHEM	2110 2311	Organic Chemistry I⊡ Analytical Chemistry Note: CHEW2155 OR CHEM2355⊡	3 3			: 		3						3		
CHEM	2155 2355	Fundamental Analytical Chemistry Laboratory	1			i			1					1		
ONLW	2000	Note: LANG3024 for students following the Applied Bioscience Track / Entrepreneurship Track OR LANG3027 for students following IRE Track				ľ										
LANG	3024	Science Communication in English (Life Science)	3			i							3	3		
LANG	3027	Science Communication in English for Research Students (Chemistry, Life Science and Ocean Science)	3			i										
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	15-18						3		3	6	3	15		
PHYS/ BIEN/ CENG	e Track/ Entrepren	credits. Courses taken as Major/Track Required Courses may not be counted towards the elective requirement.)	9			<u> </u>										
	е паск/ Епітерген	Students should follow one of the tracks and complete all requirements as specified:	10.10					2	4	2	2	2	2	40	Please refer to the curriculum of	
LIFS/ CENG/ SCIE		Applied Bioscience Track OR Entrepreneurship Track Required credits for Major Required Courses and Electives	18-19			¦		3	4	3	3	3	3	19 62	BIOT for details of the requirements of each track.	
BBA in Eco	nomics	quirea ereane for major nequirea oodises and Electives	02-70	11	1	•	1	•	Î.	I	I	I	Î.	62	1	
School Requi																
ACCT	2010 2200	Principles of Accounting I Principles of Accounting II	3	3		[3					3		
ECON	2200	Note: ECON 2103 OR ECON 2113	3				3		3							
ECON	2103 2113	Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123	3			ļ	3	ļ						3	ECON 2103 / 2113 / 2123 is a major pre-requisite	
ECON ECON	2123 3123	Macroeconomics Macroeconomic Theory I	3 3					3					L	3		
FINA	2303	Financial Management	3			3								3	Substituted by COMP 1021/ 1022P	
ISOM	2010	Introduction to Information Systems	3											0	2011 Waived for DDP students if they	
ISOM	2020	Coding for Business	1											0	have taken and passed COMP1021 or COMP 1029P	
ISOM	2500 2600	Business Statistics Introduction to Business Analytics	3		3	:					1			3		
ISOM	2700	Operations Management	3							3	1			1 3		
MARK MGMT	2120 2010	Marketing Management Business Ethics and the Individual	3		2		3							3		
MGMT	2110	Organizational Behavior	3		-	3								3		
MGMT ECON	2130 3700	Business Ethics and Social Responsibility Writing as an Economist	2			ļ		· · · · ·		<u> </u>		3	2	2		
LANG	2062	Professional Speaking for the Workplace	3	-			-		-	-	-	-		0	Waived for DDP students	
MATH	1003	Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra	3-4 3			!									DDP students should take MATH	
MATH MATH	1012 1013	Calculus IA Calculus IB	4	(3)		:								0	1013 OR MATH 1023 to satisfy the requirements of both BSc and BBA	
MATH MATH	1020 1023	Accelerated Calculus Honors Calculus 1 Required credits for School Requirements	4			¦								05	degrees	
Required credits for School Requirements 43-44 A 35 A 35 A 35 A 35 A 35 A 35 A 35 A																
Major Required Co	ourses and Electiv		1	1	1					1					1	
ECON	3014 3024	Managerial Microeconomics Managerial Macroeconomics	4			: I		4	4					4		
LOUN	0024	managenal macroeconorilles	4		1	-	1		4	1	1	1	1	4	1	

ECON	3024	Managerial Macroeconomics	4						4					4	
ECON	3334	Introduction to Econometrics	4					i		4				4	
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						I		i						23	
Additional Requirements															
Requirements for Dual Degree Program															
Required Courses															
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	Į		ļ						3	
TEMG	4950	T&M Corporate Consulting Project	3-5			i		4						4	
Required credits for Additional Requirements 7														7	
University CORE															
CORE	C3 - C9	U CORE - Others	21				3			9	6	3		21	
CORE	C1 & C2	U CORE - English Language	6	3	3			l						6	
HMAW	1905	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness Sub-total for University CORE	3	1	2			i 1						3	
	30			<u>.</u>		<u> </u>						30			
					18	18	18	20	18	19	17	19	17		
		182##													
Notes:						<< Declar BEng maj		<< Declaration of 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. 															

In denote the course of allowing methods in state and a state and the method in the course of requirement is either waived or substituted methods and the state of the course of the

**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.