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

BTECON 2020-21 Intake (Via DDP PBA)

School:		School of Science and School of Business Management	siness Management					<< Declar BBA maj		Student's	Pathway				
Program:		Dual Degree Program (BSc in Biotechnology and BBA in General Business Management)	ss												
course Ourse Dept. Course code prefix)	Course Code	Course Title / Courses List	Credits	Year 1 Fall	Year 1 Spring	Year 2 Fa∥	Year 2 Spring	Year 3 Fa∥	Year 3 Spring	Year 4 Fa∥	Year 4 Spring	Year 5 Fall	Year 5 Spring	Sub-total	Remarks
BSc in Biot School Requi	echnology rements			•	•						•				•
OMP	1000	Science School Induction Note: COMP1021 OR COMP1022P OR COMP2011 Introduction to Computer Science	0 3-4 3	0	0									0	This course will be used to
OMP OMP	1022P 2011	Introduction to Computing with Java Programming with C++	3 4			3		! 						3	substitute ISOM 2010
ANG SCI	2010	English for Science I seeince rouriactionses to courses from the specified elective list. Students should take (i) 7 foundation lecture courses, including at least 1 lecture course, but no more than lecture courses, from each discipline: CHEM, LIFS, MATH and PHYS; and (ii) 1 laborator	3 22-25 y					3						3	
NUTA.	1004	course.] Chemistry in Everyday Life	3			<u>!</u>		<u> </u>							
CHEM CHEM CHEM CHEM	1010 1020 1030	General Chemistry IX General Chemistry IB General Chemistry II	3			i i		į į							
HEM HEM	1050 1055	General Chemistry II Laboratory for General Chemistry I Laboratory for General Chemistry II	3 1 1			<u>.</u>		<u>.</u>							
IFS IFS	1030 1901 [®]	Environmental Science General Biology I [®]	3			 		 							LIF04004 0 LIF04000 N
IFS IFS	1902 [@] 1903 1904	General Biology III [®] Laboratory for General Biology I Laboratory for General Biology II	3 1 1			 		: 							LIFS1901 & LIFS1902 are M Pre-requisite
IFS	1930 2210	Nature of Life Sciences Biochemistry I	3	10	3	6	3	! !						22	Students are recommended to CHEM1010, CHEM1030, LIFS1903 and MATH1013 I
MATH MATH MATH	1012 1013 1014	Calculus IA Calculus IB Calculus II	3			į		į							satisfy the requirements of b SSCI School requirements a Major requirements
MATH MATH MATH	1020 1023 1024	Accelerated Calculus Honors Calculus I Honors Calculus II	4 3 3			<u> </u>		! !							
MATH MATH MATH	2023 2121 2131	Multivariable Calculus Linear Algebra Honors in Linear and Abstract Algebra I	4 4 4			į į		į							
PHY	1001 1111	Physics and the Modern Society General Physics I	3					<u>.</u>							
PHY PHY PHY	1112 1113 1114	General Physics I with Calculus Laboratory for General Physics I General Physics II	3 1 3] 		! :							
PHY	1115	Laboratory for General Physics II Required credits for School / Major Pre-requisite Requirement	1 3 S 25-29		1	<u> </u>		<u> </u>						28	
Major Require Major Required C	ements	•	•	•		-				•	•			•	
IFS IFS	1903 1904	Laboratory for General Biology I Laboratory for General Biology II	1	(1)	1									0	
FS FS	2040	Cell Biology Introduction to Biotechnology	3			3	3	! !						3	
IFS IFS	2080 2210 3060	Plant Biology Biochemistry I Microbiology	3 3			(3)	3		3					3 0 3	
IFS IFS	3110 3140	Microbiology Biotechnological Application of Recombinant DNA Techniques General Genetics	3 4					3	3	4				3 4	
IFS IFS	4150 4200	Plant Biotechnology Concepts and Issues in Contemporary Biotechnology	3					<u> </u>		3		3		3	
		Note: LIFS4963 OR (LIFS4973 AND LIFS4983) OR (SCIE4500 AND LIFS4983) (Students following IRE Track can only use (SCIE4500 AND LIFS4983) to fulfill the requirement.)	3-7			į		<u>:</u>							
IFS IFS IFS	4963 4973 4983	Biotechnology Capstone Project Biotechnology Project Research I Biotechnology Project Research II	3 3 4] 		 				[3]	3	3	
CIE	1010	IRE Research Project II Note: CHEM1010 OR CHEM1020 General Chemistry IA	3	(3)				.						0	
CHEM	1020 1030	General Chemistry IB General Chemistry II	3	(5)	(3)	! !		<u>!</u> !						0	
CHEM	1050 1055	Laboratory for General Chemistry I Laboratory for General Chemistry II	1	1	1			<u> </u>						1	
CHEM	2110 2311	Note: CHEM 2110 OR CHEM 2311 Organic Chemistry I Analytical Chemistry	3			<u>:</u>		3						3	
CHEM	2155 2355	Note: CHEM2155 OR CHEM2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory	1			! !			1					1	
ENG ANG	1600 3024	Biotechnology and Its Business Opportunities Science Communication in English (Life Science)	3					<u> </u>		3			3	3	
IFS/BIPH/BTEC/BIEN/ ENG		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. Courses taken as Major/Track Required Courses may not be counted towards the elective requirement.) Required credits for Major Required Courses and Elective				! ! !		! ! !	3		3	6	3	15 56	
BBA in Eco		required cleans for major required courses and Elective	3 02-70	I		р		,			<u>l</u>	1		30	
School Requi	2010 2200	Principles of Accounting I Principles of Accounting II	3			3		į .	3					3	
:CON	2103	Principles of Accounting ii Note: ECON 2103 OR ECON 2113 Principles of Microeconomics	3		3			 	3					3	
ECON	2113	Microeconomics Note: ECON 2123 OR ECON 3123	3		+			<u>:</u>							ECON 2103/2113/2123 is a m prerequisite
CON CON INA	2123 3123 2303	Macroeconomics Macroeconomic Theory I Financial Management	3 3		1	3	3	<u> </u>						3	
SOM	2010 2020	Introduction to Information Systems Coding for Business	3			<u> </u>		-						0	Substituted by COMP 1021/1022P/1022Q/2011
SOM	2500 2600	Business Statistics Introduction to Business Analytics	3		3	<u>!</u> !	1	<u>; </u>						3	
SOM IARK	2700 2120	Operations Management Marketing Management	3				3	3						3	
IGMT IGMT	2010	Business Ethics and the Individual Organizational Behavior	3		2	<u>!</u>	3							3	
IGMT BMT ABU	2130 1111 2040	Business Ethics and Social Responsibility Business Student Induction Business Case Analyses	0 3								3		2	0 3	Waived for DDP students
ABU	2060	Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023	3 3-4			<u>; </u>		<u> </u>				3		3	
MATH MATH MATH	1003 1012 1013	Calculus and Linear Algebra Calculus IA Calculus IB	3 4 3	(3)		! :		! :						0	DDP students should take MA 1013 OR MATH 1023 to satisf requirements of both BSc and
MATH MATH	1020 1023	Accelerated Calculus Honors Calculus I Required credits for School Requirement	4 3			<u>.</u>		<u> </u>						39	degrees
Major Require			3 43-44	II	-				ļ	ļ				29	ļ
CON	3014	Managerial Microeconomics	4					4						4	
CON	3024	Managerial Macroeconomics Introduction to Econometrics	4			 		<u> </u>	4	4				4	
	4670	Economics Research and Communication ECON 4000-level Electives (Any 3 courses of the subject and level as specified)	0 11			<u> </u>		<u> </u>			4	0 4	3	0 11	
CON		Required credits for Major Required Courses and Elective nts	S 23	<u> </u>	1			<u>; </u>	<u> </u>	<u> </u>	<u> </u>			23	<u> </u>
CON	Requireme														
	s for Dual De	gree Program								1					
Additional I	s for Dual De	gree Program Technology and Management Professional Activities Case-based Problem Solving	0 3	0	0	0	0	0	0	0	0	0	0	0	
Additional I Requirements Required Course	s for Dual De	Technology and Management Professional Activities	3	0		0	0	0	0	0	0	0	0		
Additional I Requirements Required Course EMG	s for Dual De	Technology and Management Professional Activities Case-based Problem Solving Required credits for Additional Requirement U CORE - Others U CORE - English Language	3 S 3	3 3		0	0	3	6	3	9	3	3	3 3 30 6	
Additional I equirements equired Course MG MG MG niversity CC	s for Dual De s 1010 3950 DRE C3 - C12	Technology and Management Professional Activities Case-based Problem Solving Required credits for Additional Requirement U CORE - Others	3 S 3	3	3	18	20					3		3 3	

**Remarks on course(s):

[@] 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.

>> 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.