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BBA major

School:		School of Science and School of Business Management				Student's Pathway													Remarks				
Program:		Dual Degree Program (BSc in Biotechnology and BBA in Marketing)																					
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								
BSc in Biotechnology																							
School Requirements																							
COMP 1021	1021	Note: COMP1021 OR COMP1022P OR COMP2011		3											3	Students should take COMP 1021, COMP 1022P or COMP 1023 which will also be used to substitute ISOM 2010 and to waive ISOM 2020							
COMP 1022P	1022P	Introduction to Computer Science		3																			
COMP 1023	1023	Introduction to Computing with Java Introduction to Python Programming		3																			
SSCI		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 3 lecture courses, from each of the four disciplines: CHEM, LIFS/OCES, MATH/OASC and PHYS, and (ii) 1 laboratory course.]		22-26																			
CHEM 1008	1008	Introductory Chemistry		3												LIFS1901 & LIFS1902 are Major Pre-requisite Students are recommended to take CHEM1011, CHEM1012, LIFS1903, LIFS2210 and MATH1013 to satisfy the requirements of both SSCI School requirements and Major requirements							
CHEM 1011	1011	General Chemistry A: Reactions, Thermodynamics, and Reaction Kinetics		3																			
CHEM 1012	1012	General Chemistry B: Atomic Structure, Molecules, and Bonding Theories		3																			
CHEM 1051	1051	Laboratory for General Chemistry A		3																			
CHEM 1052	1052	Laboratory for General Chemistry B		1																			
DABC 2010	2010	Calculus for Data Analytics in Science		3																			
LIFS 1039*	1039*	Environmental Science		3																			
LIFS 1901G	1901G	General Biology I (G)		3																			
LIFS 1902G	1902G	General Biology II (G)		3																			
LIFS 1903	1903	Laboratory for General Biology I		3																			
LIFS 1904	1904	Laboratory for General Biology II		1																			
LIFS 1930	1930	Nature of Life Sciences		1																			
LIFS 2210	2210	Biochemistry I		3																			
MATH 1005	1005	Calculus and Statistics		4																			
MATH 1006	1006	Calculus, Vectors, and Matrices		4	10	3	6	3							22								
MATH 1013	1013	Calculus I		3																			
MATH 1014	1014	Calculus II		3																			
MATH 1020	1020	Accelerated Calculus		4																			
MATH 1023	1023	Honors Calculus I		3																			
MATH 1024	1024	Honors Calculus II		3																			
MATH 2011	2011	Introduction to Multivariable Calculus		4																			
MATH 2023	2023	Multivariable Calculus		4																			
MATH 2111	2111	Matrix Algebra and Applications		4																			
MATH 2121	2121	Linear Algebra		4																			
MATH 2131	2131	Honors in Linear and Abstract Algebra I		4																			
OCES 1001	1001	The Earth as a Blue Planet		3																			
OCES 1010	1010	Principles and Applications of Environmental Science		3																			
PHYS 1101	1101	Introductory Physics		4																			
PHYS 1111	1111	General Physics I		3																			
PHYS 1112	1112	General Physics I with Calculus		3																			
PHYS 1113	1113	Laboratory for General Physics I		1																			
PHYS 1114	1114	General Physics II		3																			
PHYS 1115	1115	Laboratory for General Physics II		1																			
PHYS 1312	1312	Honors General Physics I		3																			
PHYS 1314	1314	Honors General Physics II		3																			
Required Credits for School / Major Pre-requisite Requirements				25-29	10	3	6	3	0	0	0	0	0	0	0	25							
Major Required Courses and Electives																							
LIFS 1903	1903	Laboratory for General Biology I		1	(1)										0	Note: Students with level 3 or above in HKDSE 1a Biology are exempted from taking LIFS 1903							
LIFS 1904	1904	Laboratory for General Biology II		1	1										1								
LIFS 2040	2040	Cell Biology		3				3							3								
LIFS 2070	2070	Introduction to Biotechnology		3				3							3								
LIFS 2080	2080	Plant Biology		3				3							3								
LIFS 2210	2210	Biochemistry I		3			(3)								0								
LIFS 2220	2220	Biochemistry II		3					3						3								
LIFS 3100	3100	Biostatistics		3					3						3								
Note: LIFS3483 OR (LIFS4073 AND LIFS4083) OR (SCIE4500 AND LIFS4083) (Students following RE Track can only use (SCIE4500 AND LIFS4083) to fulfil the requirement.)				3-7						3													
LIFS 4963	4963	Biotechnology Capstone Project		3									[3]	3	3								
LIFS 4973	4973	Biotechnology Project Research I		3																			
LIFS 4983	4983	Biotechnology Project Research II		3																			
SCIE 4500	4500	RE Research Project II		3																			
CHEM 1011	1011	General Chemistry A: Reactions, Thermodynamics, and Reaction Kinetics		3	(2)										0								
CHEM 1012	1012	General Chemistry B: Atomic Structure, Molecules, and Bonding Theories		3		(3)									0								
CHEM 1051	1051	Laboratory for General Chemistry A		1	1		(3)								1								
CHEM 1052	1052	Laboratory for General Chemistry B		1		1									1								
CHEM 2111	2111	Note: CHEM 2111 OR CHEM 2311		3																			
CHEM 2311	2311	Fundamentals of Organic Chemistry Analytical Chemistry		3						3					3								
Note: CHEM2155 OR CHEM2355				1																			
CHEM 2155	2155	Fundamental Organic Chemistry Laboratory		1						1					1								
CHEM 2355	2355	Fundamental Analytical Chemistry Laboratory		1																			
LIFS/BTEC/ OCEC/PHYS/ BIEN/CENG		Biotechnology Electives (Courses from the specified elective list: 15-18 Students following RE 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.)		15-18						3		3	6	3	3	15							
Applied Bioscience Track/ Entrepreneurship Track																							
LIFS/ CENG/ SCIE		Students should follow one of the tracks and complete all requirements as specified: Applied Bioscience Track OR Entrepreneurship Track		15-19						3	4	3	3	3	3	19	Please refer to the curriculum of BCT for details of the requirements of each track.						
Required credits for School / Major Pre-requisite Requirements				65-79	1	2	3	6	9	11	3	6	9	9	59								
BBA in Marketing																							
School Requirements																							
ACCT 2019	2019	Principles of Accounting I		3	3										3								
ACCT 2200	2200	Principles of Accounting II		3						3					3								
ECON 2103	2103	Note: ECON 2103 OR ECON 2113		3																			
ECON 2113	2113	Principles of Microeconomics Microeconomics		3				3							3								
ECON 2123	2123	Note: ECON 2123 OR ECON 3123		3																			
ECON 3123	3123	Macroeconomics Macroeconomics Theory I		3							3				3								
FINA 2303	2303	Financial Management		3			3								3								
ISOM 2010	2010	Introduction to Information Systems		3	-	-	-	-	-	-	-	-	-	-	0	COMP 1023, COMP 2011 or COMP 2012H are more advanced computing courses as compared to ISOM 2010. Students SHOULD take COMP 1023, COMP 2011 or COMP 2012H instead of ISOM 2010.							
ISOM 2020	2020	Coding for Business		1	-	-	-	-	-	-	-	-	-	-	0								
ISOM 2500	2500	Business Statistics		3											3								
ISOM 2600	2600	Introduction to Business Analytics		1											1								
ISOM 2700	2700	Operations Management		3							3				3								
MARK 2120	2120	Marketing Management		3																			
MGMT 2010	2010	Business Ethics and the Individual		2		2									2	MARK 2120 is a major pre-requisite							
MGMT 2110	2110	Organizational Behavior		3			3								3								
MGMT 2130	2130	Business Ethics and Social Responsibility		2										2	2								
Note: MATH 1003 OR MATH 1013 OR MATH 1020 OR MATH 1023				3-4																			
MATH 1003	1003	Calculus and Linear Algebra		3		(3)									0								
MATH 1013	1013	Calculus I		3																			
MATH 1020	1020	Accelerated Calculus		4																			
MATH 1023	1023	Honors Calculus I		3																			
Required Credits for School Requirements				39-40	3	5	6	6	3	3	3	1	0	2	32								
Major Required Courses and Electives																							
MARK 3220	3220	Marketing Research		4						4					4								
MARK 3420	3420	Consumer Behavior		4							4				4								
MARK 4210	4210	Strategic Marketing		4							4				4								
MARK		MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)		12								4	4	4	4	12							
Required Credits for Major Required Courses and Electives				24	0	0	0	0	4	4	4	4	4	4	4	24							
Additional Requirements for Dual Degree																							
Requirements for Dual Degree Program																							
TEMG 1011	1011	T&M Professional Activities I		0	0	0									0	To graduate, students should complete ALL requirements as specified for CDP							
TEMG 1012	1012	T&M Professional Activities II		0			0	0							0								
TEMG 1013	1013	T&M Professional Activities III		0					0	0					0								
TEMG 1014	1014	T&M Professional Activities IV		0							0	0			0								
TEMG 1015	1015	T&M Professional Activities V		0									0	0	0								
TEMG 3050	3050	T&M Case Analysis and Product Innovation		3		3									6								
TEMG 4900	4900	T&M Corporate Consulting Project		3	3			4							4								
Required Credits for Additional Requirements				3	0	3	0	4	0	0	0	0	0	0	7								
University Common Core Requirement																							
CORE C3 - C9		U CORE - Others		21							9	6	3	3	3	21							
CORE C1 & C2		U CORE - English Language		6	3	3									6								
HMAW 1905	1905	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness		3	1	2	3																
Sub-total for University CORE				30	4	5	0	0	0	0	9	6	3	3	3	30							
Term load (incl. free credits)																							
															18	18	18	19	19	19	17	16	16
															177								