

<< Declaration of major

School:		School of Science and School of Business Management				Student's Pathways (i.e. Study Pattern)											
Department:		Dual Degree Program (BSc in Biotechnology and BBA in General Business Management)				Pathway 1											
Program:		Dual Degree Program (BSc in Biotechnology and BBA in General Business Management)				Background: HKDSE 4 Core + 2 Elec (incl. 1/2x BIOL, 1/2x CHEM)											
Course Offering Dept. (course code prefix)		Course Title / Courses List				Profile: Normative: Students to graduate in (BSc & BBA) BTGBM											
						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 Requirements																	
SCIE	1000	Science School Induction	0														
COMP	1001	COMP2011 Exploring Multimedia and Internet Computing	3														
COMP	1021	COMP1021 Introduction to Computer Science	3														
COMP	1022P	COMP1022P Introduction to Computing with Java	3														
COMP	1022Q	COMP1022Q Introduction to Computing with Excel VBA	3														
COMP	2011	COMP2011 Introduction to Object-oriented Programming	4														
LANG	2010	English for Science I	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 discipline: CHEM, LIFS, MATH and PHYS; and (ii) 1 laboratory course.)	21-25														
CHEM	1004	Chemistry in Everyday Life	3														
CHEM	1010	General Chemistry IA	3														
CHEM	1020	General Chemistry IB	2														
CHEM	1030	General Chemistry II	3														
CHEM	1050	Laboratory for General Chemistry I	1														
CHEM	1055	Laboratory for General Chemistry II	1														
LIFS	1030	Environmental Science	3														
LIFS	1901	Note: Students with level 3 or above in HKDSE 1x Biology are exempted from taking LIFS 1901 General Biology I	3														
LIFS	1902	General Biology II	3														
LIFS	1903	Laboratory for General Biology I	1														
LIFS	1904	Laboratory for General Biology II	1														
LIFS	1930	Nature of Life Sciences	3														
LIFS	2210	Biochemistry I	3														
MATH	1012	Calculus IA	4														
MATH	1013	Calculus IB	3														
MATH	1014	Calculus II	4														
MATH	1020	Accelerated Calculus	4														
MATH	1023	Honors Calculus I	3														
MATH	1024	Honors Calculus II	3														
MATH	2023	Multivariable Calculus	4														
MATH	2121	Linear Algebra	4														
MATH	2131	Honors in Linear and Abstract Algebra I	4														
PHYS	1001	Physics and the Modern Society	3														
PHYS	1111	General Physics I	3														
PHYS	1112	General Physics I with Calculus	3														
PHYS	1113	Laboratory for General Physics I	1														
PHYS	1114	General Physics II	3														
PHYS	1115	Laboratory for General Physics II	1														
PHYS	1312	Honors General Physics I	3														
PHYS	1314	Honors General Physics II	3														
Required credits for School / Major Pre-requisite Requirements			27-32														
Major Requirements																	
Major Required Courses and Electives																	
LIFS		Note: Students with level 3 or above in HKDSE 1x Biology are exempted from taking LIFS 1903	0-1														
LIFS	1903	Laboratory for General Biology I	1														
LIFS	1904	Laboratory for General Biology II	1														
LIFS	2040	Cell Biology	3														
LIFS	2070	Introduction to Biotechnology	3														
LIFS	2080	Plant Biology	3														
LIFS	2210	Biochemistry I	3														
LIFS	3060	Microbiology	3														
LIFS	3110	Biotechnological Application of Recombinant DNA Techniques	3														
LIFS	3140	General Genetics	4														
LIFS	4150	Plant Biotechnology	3														
LIFS	4200	Concepts and Issues in Contemporary Biotechnology	3														
LIFS / SCIE		Note: LIFS 3060 OR LIFS 3110 OR LIFS 3140 OR LIFS 4150 OR LIFS 4200 OR SCIE 4000 OR SCIE 4001 OR SCIE 4002 OR SCIE 4003 OR SCIE 4004 OR SCIE 4005 OR SCIE 4006 OR SCIE 4007 OR SCIE 4008 OR SCIE 4009 OR SCIE 4010 OR SCIE 4011 OR SCIE 4012 OR SCIE 4013 OR SCIE 4014 OR SCIE 4015 OR SCIE 4016 OR SCIE 4017 OR SCIE 4018 OR SCIE 4019 OR SCIE 4020 OR SCIE 4021 OR SCIE 4022 OR SCIE 4023 OR SCIE 4024 OR SCIE 4025 OR SCIE 4026 OR SCIE 4027 OR SCIE 4028 OR SCIE 4029 OR SCIE 4030 OR SCIE 4031 OR SCIE 4032 OR SCIE 4033 OR SCIE 4034 OR SCIE 4035 OR SCIE 4036 OR SCIE 4037 OR SCIE 4038 OR SCIE 4039 OR SCIE 4040 OR SCIE 4041 OR SCIE 4042 OR SCIE 4043 OR SCIE 4044 OR SCIE 4045 OR SCIE 4046 OR SCIE 4047 OR SCIE 4048 OR SCIE 4049 OR SCIE 4050 OR SCIE 4051 OR SCIE 4052 OR SCIE 4053 OR SCIE 4054 OR SCIE 4055 OR SCIE 4056 OR SCIE 4057 OR SCIE 4058 OR SCIE 4059 OR SCIE 4060 OR SCIE 4061 OR SCIE 4062 OR SCIE 4063 OR SCIE 4064 OR SCIE 4065 OR SCIE 4066 OR SCIE 4067 OR SCIE 4068 OR SCIE 4069 OR SCIE 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