

(For students admitted in 2023-24 under the 4-year degree)

BSc in Biotechnology and Business

Students taking the BSc Program in Biotechnology and Business as their first major are exempted from the School Requirements. However, they are still required to complete the University requirements in addition to the major requirements for graduation. For details please refer to the respective sections on this website.

Students may use no more than 6 credits earned from courses offered in self-paced online delivery mode to satisfy the graduation requirements of a degree program. This 6-credit limit does not apply to credits obtained through the credit transfer procedures of the University.

For students graduating with an additional major, they must take all the requirements specified for that major, within which they must complete at least 20 single-counted credits. These 20 credits cannot be used to fulfill any other requirements for graduation except for the 120-credit degree requirement.

Under the new 30-credit Common Core Program which is applicable to students admitted to the University in 2022-23 and thereafter, courses that have been counted towards Major Requirements are not allowed to be reused for fulfilment of the University Common Core Requirements. Students should look up the details of the Common Core Program including the general and School-/program-specific distributional requirements posted on the Common Core website where the link to it is available on this website.

Major Requirements

Required Course(s)

			Credit(s) attained
BIBU	1010	Biotechnology and Business Seminar	1
BIBU	4820	Biotechnology Entrepreneurship and Business Operations	3
BIBU	4830	Biotechnology Management	3
BIBU		Note: BIBU 4840 <u>OR</u> BIBU 4850	3-6
BIBU	4840	Biotechnology and Business Capstone Project	3
BIBU	4850	Biotechnology and Business Project Research	6
LIFS		Note: Students with level 3 or above in HKDSE 1x Biology are exempted from taking LIFS 1901	0-3
LIFS	1901	General Biology I	3
LIFS	1902	General Biology II	3
LIFS	1904	Laboratory for General Biology II	1
LIFS	2040	Cell Biology	3
LIFS	2070	Introduction to Biotechnology	3
LIFS	2210	Biochemistry I	3
LIFS	3110	Biotechnological Application of Recombinant DNA Techniques	3
LIFS	4150	Plant Biotechnology	3
LIFS	4200	Concepts and Issues in Contemporary Biotechnology	3
CHEM		Note: Students with level 3 or above in HKDSE 1/2x or 1x Chemistry are exempted from taking CHEM 1008	0-3
CHEM	1008	Introductory Chemistry	3
CHEM	1020	General Chemistry I	3
CHEM	1030	General Chemistry II	3

MATH		Note: MATH 1003 <u>OR</u> MATH 1012 <u>OR</u> MATH 1013 <u>OR</u> MATH 1020 <u>OR</u> MATH 1023	3-4
MATH	1003	Calculus and Linear Algebra	3
MATH	1012	Calculus IA	4
MATH	1013	Calculus IB	3
MATH	1020	Accelerated Calculus	4
MATH	1023	Honors Calculus I	3
PHYS		Note: PHYS 1101 <u>OR</u> PHYS 1111 <u>OR</u> PHYS 1112 <u>OR</u> PHYS 1312	3-4
PHYS	1101	Introductory Physics	4
PHYS	1111	General Physics I	3
PHYS	1112	General Physics I with Calculus	3
PHYS	1312	Honors General Physics I	3
ACCT	2200	Principles of Accounting II	3
ECON		Note: ECON 2103 <u>OR</u> ECON 2113	3
ECON	2103	Principles of Microeconomics	3
ECON	2113	Microeconomics	3
ECON	2123	Macroeconomics	3
FINA	2203	Fundamentals of Business Finance	3
ISOM	2010	Introduction to Information Systems	3
ISOM	2500	Business Statistics	3
ISOM	2700	Operations Management	3
MARK	2120	Marketing Management	3
MGMT	2110	Organizational Behavior	3
MGMT	2130	Business Ethics and Social Responsibility	2
LANG	2010	English for Science I	3
LANG		Note: LANG 2061 <u>OR</u> LANG 2062 <u>OR</u> LANG 3060	3
LANG	2061	Professional Writing for the Workplace	3
LANG	2062	Professional Speaking for the Workplace	3
LANG	3060	Advanced Academic Writing	3

Elective(s)

			Minimum credit(s) required
SSCI/SBM		Biotechnology and Business Electives (Courses from the specified elective list, of which at least 3 credits from each area in Biotechnology / Business. Courses taken as Major Required Courses may not be counted towards this elective requirement.)	9
Biotechnology			
LIFS		Any LIFS courses at 3000/4000-level	
BTEC	5340	Biomarkers and Medical Devices	3
BTEC	5380	Drug Discovery and Development	3
CHEM	2111	Fundamentals of Organic Chemistry	3
CHEM	2155	Fundamental Organic Chemistry Laboratory	1

CHEM	2311	Analytical Chemistry	3
CHEM	2355	Fundamental Analytical Chemistry Laboratory	1
Business			
SB&M		Any ECON/FINA/ISOM/MARK/MGMT courses at 3000/4000-level	