香港科技大學
THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

BSc in Biotechnology and Business (BIBU)

The Biotechnology and Business (BIBU) program is jointly offered by the School of Science and the School of Business and Management. It aims to groom students with a hybrid interest in both biotechnology applications and business operations. It offers students a broad-based learning experience that encompasses essential life science and biotechnology knowledge, as well as complementary business know-how, including accounting, finance, economics, marketing, operations management. It also enhances students' creative and critical thinking abilities while helping them develop a global outlook on biotechnology development and applications, thereby laying a solid foundation of knowledge and skills to develop, manage, and market biotechnology initiatives.

School of 理學院 Science

HKUST BUSINESS SCHOOL 香港科大商學院

Program Overview

- A unique undergraduate program specifically designed to groom competent students who are interested to pursue a managerial or leadership career in the biotechnology or life science-related industries in the global and particularly the Greater China market
- Broad-based learning experience that cuts across biotechnology, life science applications and business management, providing students a solid foundation to serve and lead in the biotech industry
- Internship opportunities for students to gain practical industry experience, which helps increase chances of employment after graduation

Program Structure

The holistic BIBU curriculum cuts across multiple disciplines, including various domains of life science and biotechnology, as well as foundational business subjects including accounting, economics, finance, marketing, and operations management.

This is a 4-year program with a total of 118-122 credits:

Subject Area	Credits
Life Science	22-25
Science Core	12-17
Business Core	29
Interdisciplinary (BIBU)	10-13
Biotechnology/Business Elective	9
English for Science/Business	6
University Common Core	30

Interdisciplinary courses such as “Biotechnology and Business Seminar” and “Biotechnology Entrepreneurship and Business Operations” represent unique elements in the curriculum. These courses allow students to make connections between ideas and concepts across the disciplinary boundary of biotechnology and business, deepen their learning experience, and develop their cognitive skills, critical thinking and creative problem-solving skills.

Exclusive courses for BIBU students:

- BIBU 1010 – Biotechnology and Business Seminar
- BIBU 4820 – Biotechnology Entrepreneurship and Business Operations
- BIBU 4830 – Biotechnology Management
- BIBU 4840/4850 – BIBU Capstone Project / BIBU Project Research

Program Highlights

- The broad-based learning experience helps equip students with a solid foundation of knowledge and skills to function effectively in the biotechnology industry
- Internship opportunities and industrial visits provide students with a global outlook on biotechnology development and applications in a business setting
- Enhance students' creativity and critical thinking skills
- The holistic curriculum nurtures students to become effective managers and leaders in the biotechnology industry

Enrichment Activities

To help students develop a global perspective as well as sharpen their interpersonal skills, the School of Science (SSCI) and the School of Business and Management (SBM) of HKUST run a wide variety of enrichment activities such as international exchange, career training and internship program, and social service projects.

Students enrolled under the joint-school BIBU program are eligible to:

- sign up for professional seminars and co-curricular programs organized by both Schools;
- join either School's international exchange program; and
- access the job banks and career services provided by both Schools.

Career Prospects

The holistic BIBU experience prepares students to excel in any career path they aspire to. Diversified career opportunities are available in both public and private sectors in Hong Kong and Greater China.

Talents equipped with both biotech knowledge and a business mind are scarce in the region. The balanced biotechnology and business curriculum prepares students to develop a managerial or leadership career in the biotech or life science-related industries. Potential employers include:

- Multinational pharmaceuticals
- Bioproducts vendors
- Biotech services providers
- Medical device manufacturers
- Consulting firms focusing on the biotech/pharma industries

BIBU students may also choose to pursue postgraduate studies specializing in the fields of biotechnology or business and management after graduation.

A BIBU student went on an exchange at University of Notre Dame in Indiana

BIBU students interned at the Hong Kong Productivity Council

Words from BIBU Graduate

With professional education in both business and science, I have been offered a wide range of opportunities to develop my potential, explore career interests and build up relationships. The scientific thinking, business mind and interdisciplinary knowledge and skills that I have acquired are transferrable across job functions and industries.

Heidy CHEUNG
BSc in Biotechnology and Business, Class of 2022

Admissions Requirements

Students can apply for the BIBU program through direct choice in JUPAS / Non-JUPAS admissions scheme, or apply for transfer from the Science (Group B) program of the School of Science, or any Business School programs of the School of Business and Management into BIBU after their first year of study. Students interested in BIBU are encouraged to include both *Biotechnology and Business (BIBU) program (JS5811)* and either *Science (Group B) program (JS5103)* or *Business and Management program (JS5300)* in their JUPAS / Non-JUPAS program choices.

JUPAS Program-based Entry (JS5811)	**HKDSE** applicants with one of: Biology / Chemistry
Non-JUPAS	Applicants with international qualifications (**IBDP**, **GCEAL**, **SAT**, etc.) with one senior level subject from: **Biology / Chemistry / Mathematics**
School-based Admissions via SSCI or SBM	Students admitted into SSCI / SBM can declare BIBU after completing the first year of study.

JOIN BIBU PROGRAM
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FIND TRANSFORMATION HERE

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BIBU website

SSCI Linktree

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