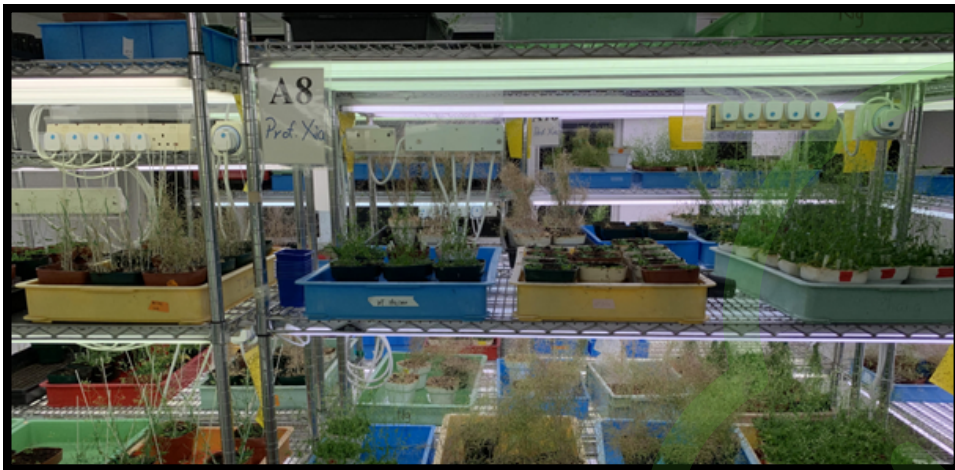




Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

Education



HKBU is dedicated to providing students with comprehensive training in biological sciences with specialities in biotechnology and environmental sciences. The BSc (Hons) in Applied Biology (Environmental Science Concentration) programme has been accredited by the Hong Kong Institute of Qualified Environmental Professionals Limited (HKIQEP) under the HKIQEP Accreditation Scheme for Environmental Degree Programmes – Undergraduate Level. Students will learn practical skills for research and applications to address current and topical environmental and human health-related issues and challenges.

These are some of the courses under the concentration:

- BIOL2015 Biodiversity
- BIOL2045 Natural Resources and Environment
- BIOL3025 Plant Physiology
- BIOL4016 Principles of Environmental Management

Research

Molecular Mechanisms for LOT1 Regulation of Plant Drought Stress Tolerance

Professor Liming Xiong of Department of Biology conducts large-scale genetic screens using an improved infrared imaging method to isolate mutants in Arabidopsis with altered transpiration patterns to identify genes that control transpiration. Not only will it uncover novel mechanisms of stress and hormonal signaling in plants, but will also have immediate implications for breeding and bioengineering drought-tolerant crop plants.

This project is supported by a HK\$1.19M General Research Fund by the Research Grants Council.

Do you know??

This is the only undergraduate programme in Hong Kong accredited in five areas (Environmental Science, Environmental Management, Environmental Impact Assessment and Health Impact Assessment, Waste and Water).

FWCI
1.36

61
Publications

In top
journals
46%





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Event

Farm Tour: Is Beekeeping Possible in the City? - Beetales

Bees play a key role in ecosystems as they are essential for plant reproduction. Beetales, a local beekeeping organisation based in Sun Hing Farm, aims to promote honey bees and ecological conservation through urban beekeeping. During the tour, students closely interacted with bees to learn about ecology, urban beekeeping, farming system, and the relationship between humans and bees in Sun Hing Farm. Our students also got the chance to make their own honey lip balm using honey produced by the bees of Sun Hing Farm.



香港城市大學
The City University of Hong Kong

Social Innovation Inspiration Tour Series
社會創新靈感遊系列

Farm Tour: Is beekeeping possible in the city? - Beetales
農場遊：在城市養蜂可行嗎？

Introduction of the farming system
介紹新興農場耕作模式

Honey lip balm workshop
蜂蜜潤唇膏工作坊

Introduction of beekeeping + getting up close and personal with bees
養蜂講解及親身接觸蜜蜂

Beetales, a local beekeeping organisation based in Sun Hing Farm, aims to promote honey bees and ecological conservation through urban beekeeping.

15/June
(Wed)

Visiting Time: 2:30pm - 5:30pm
Departure Time: 1:30pm at HKBU
Location: Sun Hing Farm
Transportation: Shuttle Bus (HKBU (-> Sun Hing Farm))
Quota: 20

ALL HKBU STUDENTS ARE WELCOME!
*This tour is CGL-recognised.

Facility

Institute of Bioresource and Agriculture

The Hongkong and Shanghai Banking Corporation Limited 150th Anniversary Charity Programme donated HK\$37M for the construction of the Institute of Bioresource and Agriculture (IBA) inside the Faculty of Science in 2017. IBA aims to operate as a professional forum for promoting the agricultural sector, protecting biodiversity and bioresources, and fostering public awareness of sustainable living practices in the neighbourhood.

