Master of Science in Green Technology (Energy)

One-year Full-time or Two-year Part-time

Programme Aim and Features
The programme aims to prepare graduates for a career in the science and technology of sustainable energies. It is highly interdisciplinary and covers various areas in renewable energy science and technologies, energy management, environmental monitoring as well as social studies.

The curriculum provides students with theoretical knowledge and a broad exposure in the topics of energy harvesting, storage, conservation and energy economics. It also provides hands-on training experience through various projects and experiments in environment monitoring, low-carbon technology, wave energy harvesting, automated solar tracker, photovoltaic devices, solid-state lighting, and many others. The programme also actively seeks internship opportunities in relevant industries, research institutions, organizations and the existing local/international links to our students to make them more competitive in their career endeavor.

Curriculum
Core courses
Renewable Energy Technologies I, II & III
Green Laboratory
Project in Green Technology I & II

Elective Courses
Seminars
Dissertation
Site Visits

Career Prospects
- Consultants in Environment Assessment Firms
- Researchers / Technicians in Energy Companies or Power Utility
- Energy Engineers / Auditors for Building Construction Companies
- Analysts in Energy Policies
- Further Study for PhD Programmes

Study Mode
Full-time (1 year) / Part-Time (2 years)
The degree of Master of Science in Green Technology shall be awarded to students who have satisfactorily completed all the course requirements. To fulfill graduation requirements, students should obtain Grade C- or above in all courses and a cumulative GPA of 2.5 or above.

Admission Requirements
To be eligible for admission, applicants:
1. should possess a bachelor’s degree from an accredited university or recognised institution of higher studies, OR
2. should possess a professional qualification equivalent to tertiary academic level, from the Hong Kong Institution of Engineers, a member institute in the British Engineering Council, etc.;
3. with work experience is an advantage but not essential;
4. who are non-local candidates from an institution where medium of instruction is not English shall have to satisfy one of the following:
   1. a TOEFL score ≥ 550 (paper-based test), 213 (computer-based test), or 79 (internet-based test);
   2. an overall band score ≥ 6.0 in International English Language Testing System (IELTS);
   3. score ≥ 450 in the new College English Test (CEI6) of China or a pass in the old CET-6 test;
   4. some equivalent qualification (interview may be needed).

Scholarships
Every year, the top 3 students in term of GPA score will be awarded with Merit Scholarship. They will be presented with scholarships valued HK$10,000, HK$7,000 and HK$5,000 respectively.

Application Periods
1st round : Mid-November to end of February
2nd round : Early March to end of April
3rd round : Early May to mid-July

Applicants please visit the Graduate School’s website [http://gs.hkbau.edu.hk] for up-to-date information about the application schedule.

Application Procedures
Applicants can apply for admission through one of the following ways:
1. Online Application; or
2. Paper application

For details of application, please visit Graduate School’s website [http://gs.hkbau.edu.hk]