



# Master of Science in Green Technology (Energy)

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

## 綠色科技(能源) 理學碩士課程

全日制一年或兼讀制兩年



### 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 rewarded 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:

- should possess a bachelor's degree from an accredited university or recognised institution of higher studies; OR
- 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.;
- with work experience is an advantage but not essential;
- who are non-local candidates from an institution where medium of instruction is not English shall have to satisfy one of the followings:
  - a TOEFL score  $\geq 537$  (paper-based test), 203 (computer-based test), or 74 (internet-based test);
  - an overall band score  $\geq 6.0$  in International English Language Testing System (IELTS);
  - score  $\geq 450$  in the new College English Test (CET6) of China or a pass in the old CET-6 test;

### 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

- 1<sup>st</sup> round : Mid-November to end of February  
2<sup>nd</sup> round : Early March to end of April  
3<sup>rd</sup> round : Early May to mid-July

Applicants please visit the Graduate School's website (<http://gs.hkbu.edu.hk>) for up-to-date information about the application schedule.

### Application Procedures

Applicants can apply for admission through one of the following ways:

- Online Application; or
- Paper application

For details of application, please visit Graduate School's website (<http://gs.hkbu.edu.hk>)

### Enquiries

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