

SUSTAINABLE ENERGY ENGINEERING PROGRAM

What is Sustainable Energy Engineering Program (SUSEE)?

Energy poses some of the greatest challenges of our time, from meeting growing demand for clean renewable energy to minimizing environmental impact of its production. This Program aims to develop leading professionals who can design and implement energy systems to respond to expanding global environmental and energy needs.

What Will You Learn In The SUSEE Program?

This interdepartmental program focuses on both traditional and renewable energy technologies, and provides a strong multidisciplinary curriculum in energy engineering.

Inter-disciplinary Program

Department of Chemical and Biological Engineering Department of Civil and Environmental Engineering Department of Electronic and Computer Engineering Supported by Department of Mechanical and Aerospace Engineering HKUST Energy Institute

Why SUSEE Program?

Exposure to multiple engineering disciplines:



ENERGY













- Focus on both traditional and renewable energy technologies
- General understanding of energy conversion and storage, and specialization in solar energy, wind and hydropower, batteries and fuel cells

Good balance of engineering knowledge and professional skill development

Understanding of environmental assessment, policy and management

Enrichment Highlights

SUSEE Lab Course

 Specially designed and co-offered by four engineering departments

Capstone Projects

- Practical engineering projects to integrate knowledge and applications
- Opportunities to involve in industry-sponsored large projects

Training for Professional Qualifications

- The program will be accredited by the Hong Kong Institution of Engineers (HKIE)
- Great chance to participate in research projects, field trips, internships, and industrial training

Prospects

Potential employers include the government, power generation companies, automotive manufacturers, battery companies, and more.











SUSEE Curriculum