Do you know? CityU EE ranks

No. 1 in Electrical Engineering in Hong Kong
15th in Engineering in the world
U.S. News Best Global Universities Rankings 2019

We have 1,012 EE Undergraduate Students

Now it is good chance to join us!
We have ~200 undergraduate positions per year!
It is difficult to think of any area of life that has not been affected. Almost all the goods and services people use depend on technology related to electrical engineering (EE). EE Department is an exciting hub of discovery and innovation led by a group of passionate and knowledgeable faculty working in the fields to make innovation happen embracing the importance of multidisciplinary approaches in technology.

Prof. Stella Pang
Chair Professor
Head of EE
Technology nowadays is advancing in an unprecedented rate in human history and has brought dramatic new options in all aspects of everyday life – health care, education, job satisfaction, entertainment, communication, and commerce.

Electrical Engineering is crucial in designing and developing robotics and 5G in a modern world.

We endeavor to bring together students, faculty and other collaborators in a multidisciplinary work environment that support open-ended thinking in science, engineering, and entrepreneurship.
CityU EE provides hardware and software complete training to support secondary school students.

**How to adopt new tech in STEM?**

- **5G Lab Visit**
- **Product Design**
- **Robotics**
- **IoT Lab Training**

CityU's EE department offers a comprehensive set of courses, including hardware and software training, to support secondary school students in adopting new technologies in STEM fields.
Electrical Engineering is the Future!

Technology is changing the world

- 1st in HK, 15th Worldwide, U.S. News Best Global Universities Rankings 2019
- 1st in HK, Prof. Ron Chen on Top Scientist list in Computer Science and Electronics by H-Index
- 1st in HK, Electrical and Electronics, World Universities by Shanghai Jiao Tong University 2018
- 55 Faculty members, 1012 Undergraduate students, 9647 EE Graduate Alumni

Future Photonics Technology is available Today!

Dr. Wang Cheng points to the new modulator, which is much smaller than the existing one, pictured to the left on the same computer screen.

Other electrical engineering technologies affecting our future in CityU EE include Thz, Biomedical, Nano technology, AI and cloud computing that are all driven by experts and researchers.
Future Leaders
Achievements

Preparing students with excellent education in breadth and depth for engaging in future engineering professions.

Establishing wide range of entrepreneurial resources to promote innovation, creativity, and knowledge transfer.

Developing students’ leadership skills, communication and creative thinking skills, global perspective.
CityU EE Empowers STEM in High Schools

CityU EE Principal Nomination Scheme

50 highly motivated high school students, have joined the scheme.
CityU EE Provides World Class Lab Facilities

State Key Laboratory of Terahertz and Millimeter Waves

Centre for Biosystems, Neuroscience, and Nanotechnology

Centre for Chaos and Complex Networks

Centre for Smart Energy Conversion and Utilization Research

Optics

Embedded System

Antenna Design

Signal Processing

Nanotechnology

AI & Machine Learning
CityU EE Empowers STEM in High Schools

- SKH Lam Woo Memorial Secondary School
- HHCKLA Buddhist Ching Kok Secondary School
- Liu Po Shan Memorial College
- Kowloon Tong School (Secondary Section)
- Lok Sin Tong Yu Kan Hing Secondary School
- Po Leung Kuk Vao Ling Sun College
- Lai King Catholic Secondary School
- St. Teresa Secondary School
- C&MA Sun Kei Secondary School
- Sacred Heart Canossian College
- CUHKFA CCH Secondary School
- Munsang College
- HK True Light College
- Lui Cheung Kwong Lutheran College
- SW Chan College
- St. Paul’s Convent School

Principal Nomination Scheme 2019

Topics include: AI, Antenna, Invisible Cloak, Power Electronics, Bioelectronics, and Integrated circuit designs. Students also have hands-on workshop to understand what is EE.
Chloe Lam - Year-2 student, ICT Student Innovation Gold Awardee 2019

“EE department offers courses on both the hardware and software.”

Rica Ng - Final year Student, Internship in Microsoft & Deloitte

“Even as a student without prior computing background in high school, I have managed to learn essential coding skills and concepts in Information Engineering.”

Samson Wong – EE 2018 Graduate, HSBC SafeGuard Awardee, Microsoft Account Technology Strategist

“The amount of supports from EE are beyond my imagination. Thanks to the industry-focused courses related to modern application development.”
Vincent Hu  
Software Engineer  
Google Inc

“EE department has setup industry placement and internships with over 100 companies in Hong Kong.”

Dr Brian Y C Li  
Departmental Advisory Committee Chairman  
Executive Vice President  
GP Industries Limited

“We hired many CityU EE graduates in our company and they have very good performance.”

Ir Dr Alan LAM  
Chairman of Sengital Group

“CityU EE supplies many outstanding engineers and programmers to fulfill the demands from industries in the world.”

Bright Career Future

International Exchange
Enjoyable University Life is in CityU EE

JUPAS Info Day
CityU EE Department
(held in June 2021; details to be announced)