

We have bright students...become **ONE** of us!

Two CPEG students: MAHMUD Ishmam and NUGRAHA Ferris Prima got the AAA award 2022!

AAA is the highest honor bestowed by HKUST on UG students upon graduation. This means: they have no record of course failed and got CGA of at least 3.9.



CPEG Graduate 2019 Student Li Haotian Won the Prestigious 2022 Microsoft Research Asia (MSRA) PhD Fellowship

LI Haotian (CPEG graduate 2019, CSE PhD) won the prestigious 2022 Microsoft Research Asia (MSRA) PhD Fellowship. Among all the 12 excellent candidates from the academic

institutions in Asia Pacific Region like China, Japan and South Korea, Haotian is the only winner from Hong Kong SAR this year.

The HKIE Scholarship 2020/2021 Awardee LIU Chi-Hin (BEng in CPEG & BBA in GBM, Class of 2024)

BEng in CPEG & BBA in GBM student, Mr. LIU Chi Hin, was awarded for The HKIE Scholarship 2020/2021. The HKIE Scholarship was presented to the awardees on 11 June 2022 at the HKIE Prize Presentation Ceremony cum New Members Reception.



HKUST Robotics Team Named Champion in HK Regional Contest of MATE International ROV Competition for 11 Years

The HKUST ROV Team which includes CPEG students won their 11th championship in the HK Regional Contest of the MATE International ROV Competition since they joined in 2011. They competed in the international competition in the US in June 22-24, 2023.

Our Single Stop **ENQUIRY**

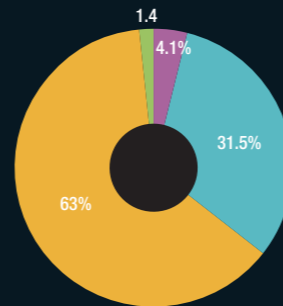
Tel No : (852) 2358-8512
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HKUST COMPUTER ENGINEERING PROGRAM

<http://cpeg.hkust.edu.hk>

CAREER Prospect

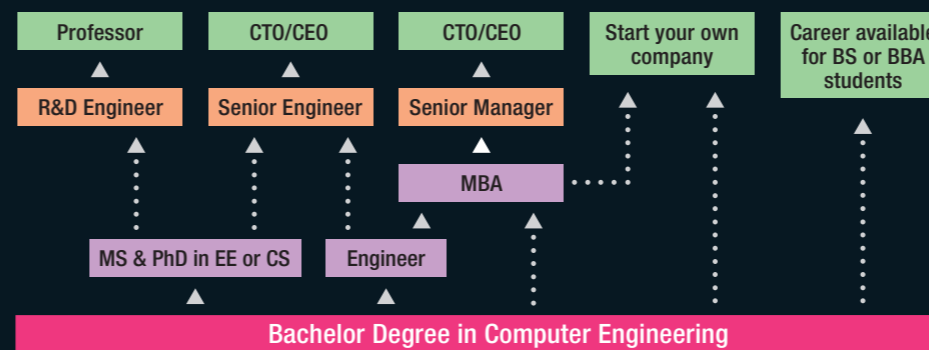
Employers of our previous graduates include: BOC, CTI, DHL, EPSON, HK Bank, Hutchison Telecom, Motorola, Goldman Sachs, PCCW, Cathay Pacific Airways, Merrill Lynch, etc.



Facts and figures 2022

Government	0%
Education	4.1%
Engineering & Industries	31.5%
Commerce & Business	63%
Community & Social Services	1.4%

Career in Computer Engineering



ADMISSION Requirements

Applicants must meet general entrance requirement and the School-specific requirement. After admission to the School of Engineering (JUPAS Catalogue No.: JS5200), students will take the compulsory University Core Curriculum program and learn the fundamental of the major programs of the School in the first 2 to 3 terms. Academic advice will be provided to help students explore their interest before choosing their majors.

School	General entrance requirement: (1) 4 cores + 2X OR (2) 4 cores with M1 / M2 + 1X					
	Subjects and level					
	English Language	Chinese Language	Mathematics (Compulsory Module)	Citizenship & Social Development	Elective 1	Elective 2 OR M1 / M2
Engineering	3	3	3	Attained	3	3
School-specific requirements	One of: Biology / Chemistry / Physics / Combined Science / Information and Communication Technology					

Note:

X: Elective subjects
 M1: Mathematics Extended Module 1 (Calculus & Statistics)
 M2: Mathematics Extended Module 2 (Algebra & Calculus)



A MESSAGE

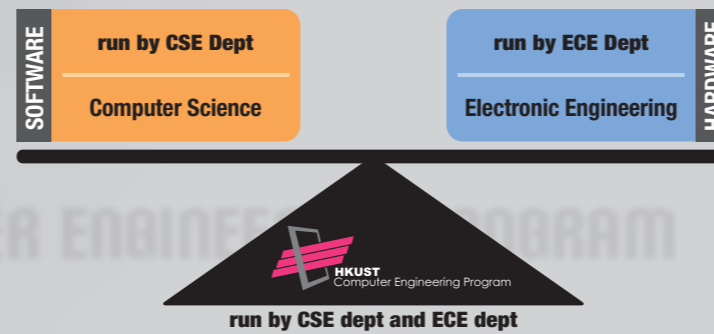
From The Directors

Welcome to Computer Engineering CPEG!

CPEG is at the heart of the information age. It is a challenging program for the brave hearts and the high-achievers. With a unique research emphasis and well-equipped laboratories, our forward-looking curriculum teaches you the state-of-the-art technologies. Our objective is to provide students with a broad and well-integrated background of computer systems involving a balanced training spanning hardware, software and management. Industry-sponsored projects and internship programs give our students direct exposure to real-world issues, thus ensuring good job prospects for our graduates. We understand that young minds need the highest degree of flexibility as they explore their strengths and interests, and most importantly, we inspire, challenge and guide our students to aim high and excel through frequent faculty-student interaction. All of these explains why CPEG graduates have always found great jobs, and employers keep coming back to us. Find out by yourself. You will enjoy this challenge.

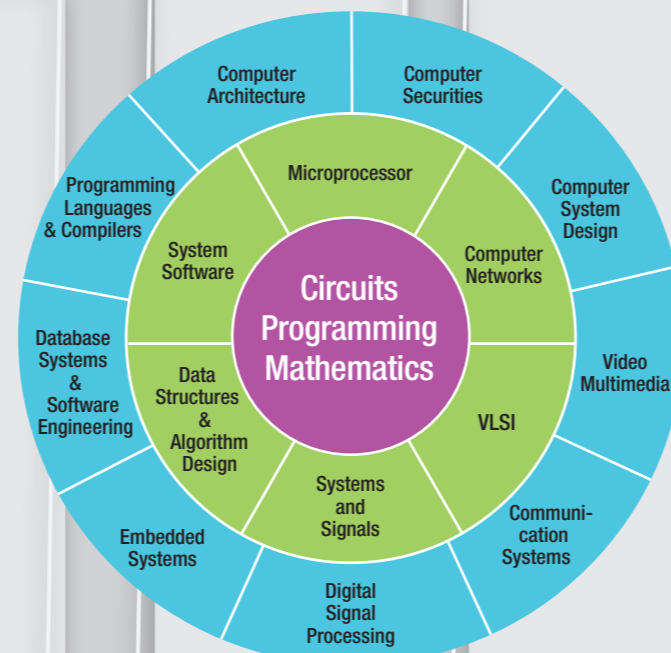
What is Computer Engineering CPEG?

- ▶ CPEG focuses on the design, implementation and application of computer systems.
- ▶ CPEG is jointly run by the Department of Electronic and Computer Engineering (ECE), and the Department of Computer Science and Engineering (CSE).
- ▶ It bridges the gap between computer science and electronic engineering and is the link between software and hardware.

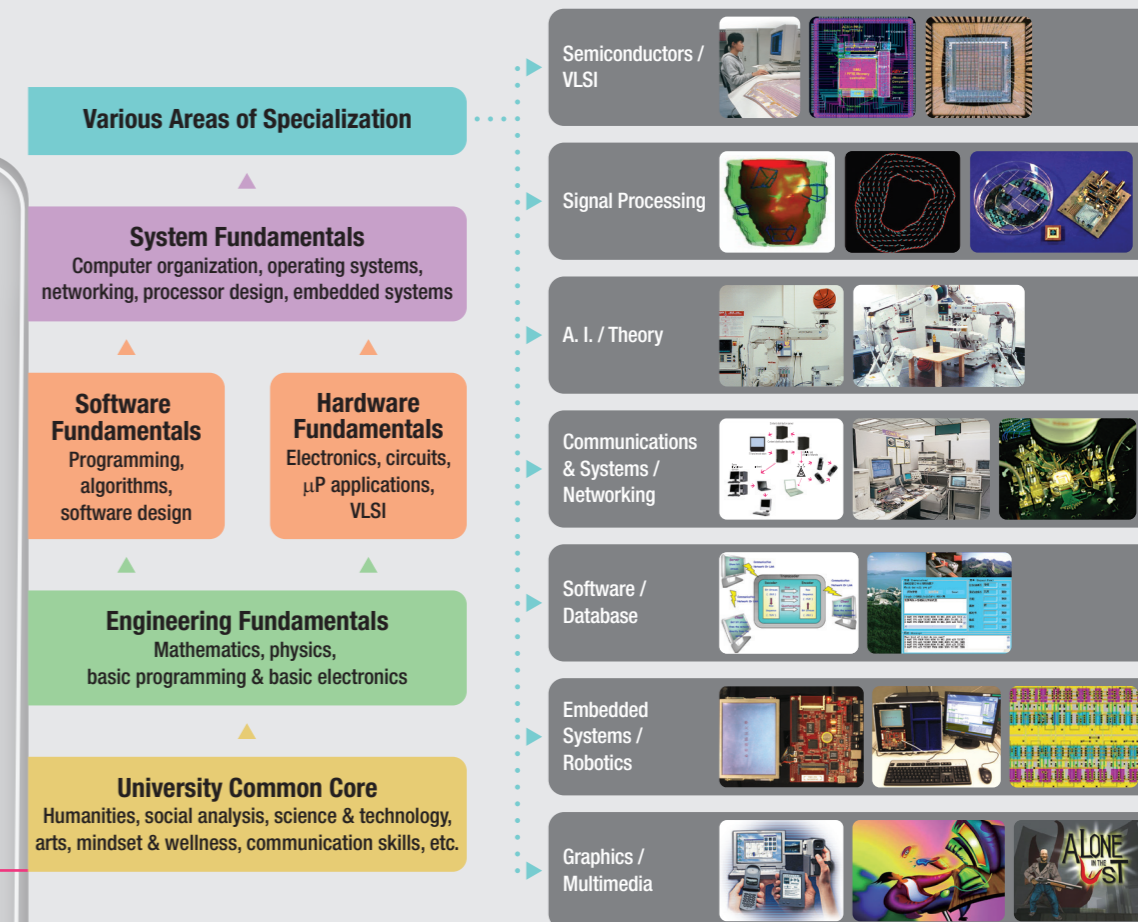


Program FEATURES

- ▶ State-of-the-art and flexible curriculum.
- ▶ Balanced mixture of hardware and software courses.
- ▶ Best of both worlds – takes full advantage of the faculty, teaching staff, hardware and software facilities of both ECE and CSE departments. It's indeed a well-integrated 2 in 1 program!

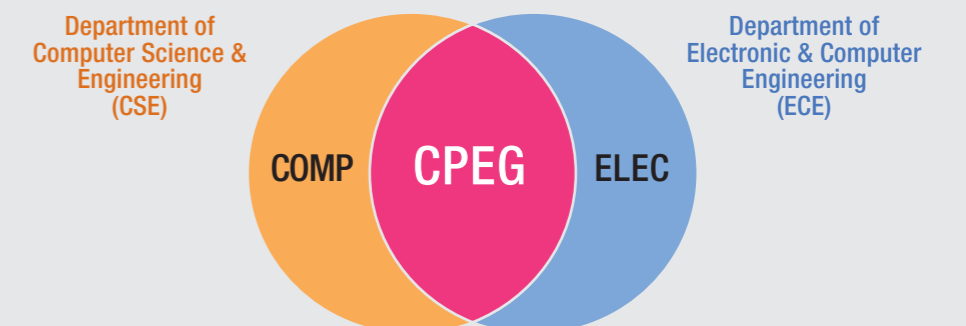


CPEG ACADEMIC PROGRAM

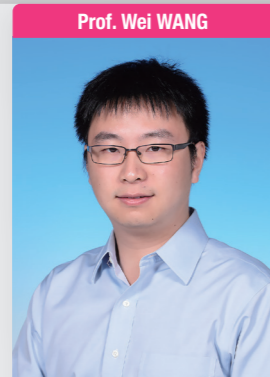


What is the difference between CPEG and Computer Science and Engineering (CSE), and Electronic and Computer Engineering (ECE)?

- ▶ CSE focuses mainly on software related topics.
- ▶ ECE focuses mainly on hardware related topics.
- ▶ CPEG aims at providing its students with a well-integrated and balanced software and hardware knowledge.
- ▶ Emphasis in CPEG is placed on deep understanding of both hardware and software and their cross-interaction in order to design cutting-edge and advanced electronic and computer systems.



Prof. Levent YOBAS



Prof. Wei WANG