Soar with CUHK

Founded in 1963, The Chinese University of Hong Kong (CUHK) is a forward-looking comprehensive research university highly esteemed regionally and globally. As the second oldest university in Hong Kong, CUHK distinguishes itself from other local universities with its firmly rooted Chinese culture, bilingualism and multiculturalism, and a unique college system. A multicultural university with footprints worldwide, CUHK teachers and students hail from all around the world and enjoys a global network of over 200,000 alumni. [www.cuhk.edu.hk/english/aboutus/university-intro.html](http://www.cuhk.edu.hk/english/aboutus/university-intro.html)

Unique College System
CUHK is the only university in Hong Kong that offers a collegiate system and experience. Colleges are congenial communities with their own hostels, dining halls and other facilities. The plethora of non-formal learning opportunities offered by the Colleges complement the formal curricula, nurturing students’ interpersonal skills and cultural sensitivity and building up their confidence and sense of social responsibility. Each college is a closely knit community of students and teachers with mutual learning and intellectual sharing, providing pastoral care and whole-person education for students to fully develop their potentials. There are nine colleges at the University: Chung Chi College, New Asia College, United College, Shaw College, Morningside College, S.H. Ho College, C.W. Chu College, Wu Yee Sun College and Lee Woo Sing College.

Great Campus
CUHK has the largest, greenest, and most scenic and sustainably designed campus in the city. The 137.3-hectare campus houses modern learning facilities and a range of cultural, sport, social, and other amenities, complemented by a teaching hotel and the future teaching hospital.

Key Future Development
CUHK is building a non-profit private teaching hospital, CUHK Medical Centre, on the campus with a social mission to bridge the service gaps between private and public healthcare in Hong Kong. The Centre aims to bring pioneering solutions in healthcare to the city and deliver integrated and holistic care to patients.

Planned for service commencement in 2020, the Centre will offer patient-centred quality healthcare services at transparent and affordable package prices. The hospital is designed with 600 beds, providing a full range of medical services. It will also serve as a key base for clinical research, healthcare education and professional training.
Beyond Hong Kong
CUHK has set up three establishments in Shenzhen, China to extend its presence and to capitalise on the research resources, with a view to contributing to the educational and research advancement of the country.

- **The Chinese University of Hong Kong (Shenzhen) [CUHK(SZ)]**
  Inheriting the educational philosophy and academic systems of CUHK, CUHK(SZ) is committed to nurturing future generations of university graduates who are international in outlook, learned in the disciplines they follow, upright in character, and committed to serving the needs of society. Admitting the first cohort of students in 2014, CUHK(SZ) plans to have an ultimate student population of 11,000, of whom 7,500 will be undergraduates and 3,500 postgraduates. CUHK(SZ) currently offers undergraduate, master's and doctoral degree programmes through its three schools, namely the School of Management and Economics, School of Science and Engineering, and School of Humanities and Social Science.

- **CUHK Shenzhen Research Institute (SZRI)**
  Established in 2006, SZRI is a research institute wholly-owned by CUHK. It serves as a pivotal base for conducting research, training, and technology transfer on the mainland, particularly in the Pearl River Delta region. The Institute's major research areas include agricultural and plant science, biotechnology, information and communication technology, economics and social science, and future cities and innovative engineering.

- **Shenzhen Institutes of Advanced Technology (SIAT)**
  In 2008, CUHK partnered with the Chinese Academy of Sciences and Shenzhen Municipal Government to establish a joint research institute named SIAT. The institute is the first national research institute in China involving a non-mainland partner, which is CUHK. SIAT plays a significant role in technology innovation, industry collaboration, and economic development in the region.

  To meet national needs in healthcare and manufacturing, SIAT focuses on the emerging industries of healthcare and manufacturing, service robots, electric vehicles, cloud computing, digital cities, nano-medicine, new energy and new materials. SIAT has established extensive partnerships with over 500 firms, including Huawei, Midea, and China International Marine Containers, and attracted over RMB 80 million of industrial investment and incubated 60 high-technology companies.

**Facts & Figures**

- **year founded**: 1963
- **Colleges**: 9
- **Faculties**: 8
- **Graduate School**: 1
- **Graduate students**: 16,700
- **undergraduates**: 12,600
- **non-local students from 50+ countries/regions**: 7,000+
- **teaching staff**: 1,700+, 45% of which are non-local faculty
- **research staff**: 1,600+
- **research institutes & centres**: 250+
- **partners worldwide**: 460+
- **majors**: 80
- **alumni**: 200,000+
- **postgraduate programmes**: 220+

- **QS University Rankings**: #10 Asia
- **QS World University Rankings**: #46
- **in HK**: #1
- **Reuters’ Asia’s Most Innovative Universities**: #1
The Chinese University of Hong Kong (CUHK) offers a wide range of academic programmes leading to the bachelor’s, master’s, and PhD degrees through its **eight Faculties** and **Graduate School**: Arts, Business Administration, Education, Engineering, Law, Medicine, Science and Social Science. The University aims to nurture graduates who will be global leaders with aspirations and competencies to make lifelong contributions to society.

CUHK offers **80 major** and **74 minor programmes** from **67 academic units** in the framework of a basically four-year undergraduate curriculum. Generally, students are required to complete 123 units of courses, comprising a common University Core which develops generic competencies in and through Chinese, English, general education, information technology, and physical education, in addition to the major and minor studies. Besides, a total of **223 postgraduate programmes** in taught or research tracks are available.

www.admissions.cuhk.edu.hk

**Quality Teaching & Learning**
The curriculum at CUHK is characterised by bilingualism and multiculturalism, and discipline specialty is complemented by a general education programme of broad-based relevance. Supported by the Centre for Learning Enhancement And Research (CLEAR), the University seeks continuous quality enhancement in teaching and learning and the use of innovative pedagogies to provide a rich educational experience for students. CUHK’s excellence in teaching and learning is well recognised with high commendations in the last two rounds of quality audit carried out by Hong Kong’s University Grants Committee (UGC).

**Strong General Education**
General education has been an integral part of CUHK’s undergraduate studies since its early days. Building upon a balanced approach to whole-person education, all first-year students undertake the General Education Foundation Programme to engage in the common learning experience of studying classical core-texts from the humanities and the sciences in the eastern and the western canons. CUHK students thus enjoy the best of both worlds by receiving the benefits of a generalist education and gaining specialist knowledge and skills in their chosen major fields.

Over 200 courses are offered by various teaching departments to widen students’ perspectives and to cultivate among them an ability to face the issues and challenges of contemporary life. The courses are grouped into four required study areas: Chinese Cultural Heritage, Nature, Science and Technology, Society and Culture, and Self and Humanity.

In recognition of its excellent design and implementation, the General Education Foundation Programme was granted the Exemplary Program Award for Improving General Education by the Association for General and Liberal Studies in 2015, as well as the UGC Teaching Award in 2016.
Distinguished Programmes
Given its geographical location, traditions and ties, CUHK enjoys special advantages in the study of the Chinese language, China, and Chinese culture. Different specialties in engineering including Electronic Engineering, Information Engineering and Automation Engineering command world-leading positions. Its Business School, Law School, and Medical School are reputable training grounds for professionals in their respective fields as well as centres of seminal research.

World-class Scholars
The University boasts a galaxy of distinguished scholars and researchers who are highly regarded authorities in various specialties. They include:

- 4 Nobel Laureates, including the former Vice-Chancellor of CUHK, Prof. Sir Charles K. Kao
- 1 Fields Medallist
- 1 Wolf Prize Laureate in Mathematics
- 1 Turing Award Winner
- 31 IEEE Fellows
- 22 Academicians of the Chinese Academy of Sciences, Chinese Academy of Engineering & Academia Sinica
- 23 Winners of the State Natural Science Award
- 44 Winners of Ministry of Education Higher Education Outstanding Scientific Research Output Awards
- 17 Awardees of the Croucher Senior Research Fellowship
- 8 Awardees of the Croucher Senior Medical Research Fellowship
- 5 Fellows of the American Physical Society
- 2 Fellows of the Royal Society

Prof. Sir Charles K. Kao,
former CUHK Vice-Chancellor & Distinguished Professor-at-Large
Nobel Laureate
Physics - 2009

Prof. Sir James A. Mirrlees,
Master of Morningside College & Distinguished Professor-at-Large
Nobel Laureate
Economic Sciences - 1996

Prof. Robert A. Mundell,
Distinguished Professor-at-Large
Nobel Laureate
Economic Sciences - 1999

Prof. Yang Chen-ning,
Distinguished Professor-at-Large
Nobel Laureate
Physics - 1957
The Chinese University of Hong Kong (CUHK) is committed to research of the highest standards, spanning basic research in a broad range of subject areas as well as applied research of social and industrial relevance. It is a world leader in non-invasive prenatal testing theory and method, biotechnological improvement of rice strains, and network coding theory that revolutionised data transmission and network applications.

With the support of a wide array of research institutes and centres, CUHK has long been promoting interdisciplinary research excellence on a local, national and international scale. The University also encourages international research collaboration and a number of joint research units in partnership with external academic institutions have been established to pool resources for the advancement of knowledge in different subject areas. Committed to excellence in research and knowledge transfer, all academic staff is encouraged to undertake consultancy, technology transfer and collaborative projects with industry and external communities.

www.cuhk.edu.hk/english/research/university-research.html

Research Institutes & Centres
The prowess, variety and impact of research at CUHK can be further demonstrated from its establishment of five State Key Laboratories entrusted by the Ministry of Science and Technology of China, eight Areas of Excellence research projects supported by Hong Kong’s University Grants Committee, and the many research institutes and collaborations with eminent research institutions overseas.
Research Priorities

In the University’s Strategic Plan 2016-20, four research priorities and 16 cross-cutting themes are identified to build on its strengths and leading advantages in those areas to address some of the most pressing issues of the world today.

China Studies

As China takes centre stage in the world’s economic, cultural and political arenas, the bilingual and multi disciplinary field of China Studies becomes an essential source of understanding for all things Chinese.

- China’s Global Challenges
- Roots of Chinese Culture

Information & Automation Technology

Information technology draws upon multidisciplinary connections to advance human capacities.

- Intelligent Reasoning & Cognition
- Robotics
- Big Data & eLearning Research
- Network Coding

Translational Biomedicine

Advances in omics and big data analytics have transformed biomedical research and the practice of medicine in recent years leading to the development of Precision Medicine. Next Gen whole genome sequencing analyses of circulating nucleic acids allow non-invasive pre-natal diagnosis of genetic disorders and liquid biopsy for early diagnosis and prognosis of cancers.

- Genetic, Genomic & Precision Medicine
- Stem Cell Biology & Regenerative Medicine
- Brain & Mind
- Integrative Medicine
- Innovative Medical Devices

Environment & Sustainability

The sustainable growth of our world in the future depends on the integration of environmental and socio-economic sustainability aided by advanced information and communication technology.

- Smart & Sustainable Cities
- Climate Change
- Plant Molecular, Cell & Agricultural Biology & Food Security
- Renewable Energy & Natural Resources
- Population Studies: Migration, Youth Development & Ageing Management
The Chinese University of Hong Kong (CUHK) is committed to building a **multicultural environment** on campus. Students and teachers hail from around the world, with 24% of students and 45% of teachers of an non-local origin. The University has **academic partnerships with over 430 institutions** in mainland China and abroad covering academic collaborations, bilateral student exchanges, collaborative teaching programmes, research collaborations, faculty exchanges, among many other arrangements.

CUHK is a member of numerous **international networks and associations**, including the Asia-Pacific Association for International Education, Association of Pacific Rim Universities, China-UK Humanities Alliance for Higher Education, and Worldwide Universities Network.

[www.cuhk.edu.hk/english/aboutus/cuhk-global.html](http://www.cuhk.edu.hk/english/aboutus/cuhk-global.html)

**Student Exchange**

More than 7,000 CUHK students study abroad or undertake non-local experiential learning programmes and internships every year. In return, the University welcomes over 1,500 visiting students every year through about 400 student exchange and study abroad programmes in more than 30 countries/regions. CUHK welcomes visiting students to study for one term, one year, and during the summer.
CUHK International Summer School (ISS)
With a well-established reputation, the CUHK ISS is one of the region’s most recognised summer programmes, attracting an annual cohort of some 600 international, mainland and local students. The credit-bearing programme gives visiting students a taste of the University’s learning environment and campus life through two sessions in July and August, with the latter one focusing on Chinese language training.

Summer Undergraduate Research Programme (SURP)
SURP provides an opportunity for overseas undergraduates to conduct credit-bearing research alongside some of CUHK’s best faculty and researchers for eight weeks. About 80 research projects across disciplines are offered every year.

Funding Schemes
CUHK has a range of schemes to help faculty members and PhD students develop research collaboration with universities overseas. For example, the Faculty and PhD Student Mobility Schemes provide funding support for short-term research visits, while the CUHK Research Summit Series supports the organisation of workshops.

Office of Academic Links (OAL)
Serving as its international relations arm, the Office of Academic Links (OAL) promotes and supports the University’s internationalisation in research, teaching, and learning with a view to strengthening its impact and visibility globally. OAL drives international partnerships, develops new initiatives and schemes, and manages exchange and study abroad programmes, among other key functions.

www.oal.cuhk.edu.hk