THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
www.ust.hk
WHO WE ARE

A focused elite research university with a global reputation for excelling in science, technology and business, complemented by humanities and social science.

An international university with strong ties to global thought leaders, whilst having wide-ranging connections with Mainland China.

A university that promotes interdisciplinary studies, dedicated to educating well-rounded students with a strong entrepreneurial spirit and innovative thinking.

A university with an Institute for Advanced Study which seeks to become a global premier knowledge hub and incubator of top scientific leaders.

A university with a spectacular physical setting, conducive to the pursuit of intellectual and academic excellence.
HKUST was founded in 1991. Twenty years later, it was declared the number 1 university in Asia by a reputable university ranking survey. No one could have predicted this storyline. And no one can predict how far it will go. But I can tell you that we are hard at work making sure that the miracle will continue. In these pages you will see evidence of our efforts to that end.

For us, the next miracle takes shape one student at a time, one research project at a time – with students unafraid to lead, and scholars ready to challenge orthodoxy and push the knowledge envelope.

I invite you to browse through these pages. Or better still, come pay us a visit. Be prepared to be charmed by our physical beauty and a multicultural community that is hospitable to new ideas.

Tony F Chan
President
The Hong Kong University of Science and Technology
"To maintain excellence in education, research, innovation and our contribution to society, HKUST will continue to drive forward in faculty development, innovation, knowledge transfer and the building of bridges to Mainland China and Western countries."

Mr Martin Y Tang
Acting Chairman, University Council
HKUST was founded with a specific mission: to develop science and technology to help drive and diversify Hong Kong’s economy.

Our carefully chosen areas of expertise in science, engineering, and business and management, enhanced by humanities and social science, anticipated the key areas that would provide the insight and leadership to tackle the grand challenges of the 21st century. At the heart of our pursuit of excellence is our uncompromising effort to hire the best faculty locally and internationally.

All this was possible because of government funding and a foundation donation by The Hong Kong Jockey Club.

Going forward, the University will continue to train future innovators and leaders, cross new frontiers, and contribute to the betterment of society. One example is our pioneering partnerships with University of Oxford and Smith College to provide executive education programs in Asia.

Setting the pace, inspiring change, energizing minds in an environment that appreciates originality and recognizes excellence. This is the spirit that fuels HKUST.
Fully 100% of our faculty are doctorate holders, mostly from leading institutions around the globe.

Their success at turning HKUST into a hub of intellectual achievement helps to attract not only top global academics, but also first-rate students who will become the inventors and discoverers of the decades ahead.

Building on our strengths, we have made a careful selection of research priorities, to achieve a greater social and economic impact on Hong Kong and humanity. Among these priorities are:

- Nano-science and nano-technology
- Life science and biotechnology
- Electronics, wireless and information technology
- Environment and sustainable development
- Energy
- Management education and research
Such focus has resulted in our consistently achieving the highest success rate in Hong Kong Research Grants Council (RGC) General Research Fund Competitions among all universities in Hong Kong, reaching 45% in 2011. Our location in Hong Kong at the edge of booming China further offers openings for advances in these fields.

Our faculty and students are passionate about their work and motivated to succeed as individuals and as a team. This is what drives excellence at HKUST.

“HKUST’s vision and enthusiasm have made a great impression on me”
Prof Stephen Hawking
University of Cambridge
In 2012, Hong Kong restructured its undergraduate education from three to four years. We seized this opportunity to totally redesign our curriculum, so as to provide a holistic student experience and breadth of vision that are unique to an education at HKUST.

In addition to strong, discipline-based programs, we offer interdisciplinary opportunities and double major and minor programs making it possible to explore different capabilities, and opening the way to critical thinking and lifelong intellectual curiosity.

Our internationally oriented campus community and a host of co-curricular activities also help to develop soft skills, values and character.

That’s why the innovative spirit thrives at HKUST.
“What I treasure most is the learning-to-learn mindset which helped me develop the critical thinking skills that are invaluable as a Legislative Councilor.”

The Hon Starry Lee
Alumna,
Hong Kong Legislative Councilor
“The University is young, energetic and growing fast. I cannot be more impressed by HKUST's overall accomplishments given its relatively short history.”

**Liu Sing-cheong** (Hong Kong)
MBA alumnus,
Chairman, My Top Home (China) Holdings Limited

“ I have enjoyed the internationalization and diversity of HKUST campus life, as well as the freedom to choose the curriculum that interested me.”

**Yu Yue** (Mainland China)
HKUST's youngest undergraduate when he was admitted at the age of 14, and a current PhD student at Stanford University

“Studying in Hong Kong has immersed me in eastern culture. My education at HKUST has been the experience of a lifetime.”

**Jeffrey Iqbal** (Germany)
International student
There is much more than in-classroom studying at HKUST.

Enjoy our signature Undergraduate Research Opportunities Program to gain early training with top-class academics. Take up internship openings. Learn more about society through credit-bearing community service and voluntary activities. Study outside Hong Kong via our global network of 200 exchange partners.

Such activities are complemented by our outstanding campus life, encompassing an international mix of students, superb facilities, lively halls of residence and a breathtaking seascape setting.

This is the dynamic lifestyle that awaits those who join HKUST.
HKUST’s mission recognizes the University’s unique role in advancing economic and social development, in Hong Kong and beyond. Locally, the University’s successful emphasis on discovery has led the way to a globally recognized research culture in universities throughout Hong Kong. It has helped to refocus the city’s attention on this essential driver of economic progress. It has inspired the transfer of new knowledge from campus to company.

The phenomenal output achieved at HKUST has seen the University file over 1,200 patents through its Technology Transfer Center and engage in the commercialization of technologies through its HKUST R and D Corporation Ltd. In addition, over 40 spin-off companies have been set up through the HKUST Entrepreneurship Program and Entrepreneurship Center, which nurture start-up businesses established by faculty, students and alumni.

Curious minds, original thinkers, and far-sighted individuals who see the world as it could be, not only as it is, all find themselves at home at HKUST.
HKUST has pioneered the way in Hong Kong for training innovative entrepreneurial professionals and developing new technologies that can benefit the development of the city and beyond.

Dr William Fung
Group Chairman, Li & Fung Limited
With internationalization a HKUST strategic goal, initiatives range from strategic partnerships with selected leading universities to academic exchange and research collaborations for faculty and students and enhancement of overseas alumni connections.

Purpose-driven overseas delegations led by senior University management facilitate face-to-face interaction with top universities and institutions; shared science, technology and education insights; and pioneering agreements. Our extensive global connections span a network of more than 250 partners.

Recent developments include an undergraduate International Research Opportunities Program involving MIT, the European Organization for Nuclear Research (CERN), University of Cambridge and Tokyo Institute of Technology; joint programs with Oxford University and...
Smith College respectively to provide executive education in Asia; and partnerships with both Coursera and edX Massive Open Online Course (MOOC) platforms.

Regional alliances are nurtured through membership of China’s C9 League, the Association of East Asian Research Universities (AEARU) and Association of Pacific Rim Universities (APRU).

The University also serves as a global thought leader through participation in major international assemblies, including the World Economic Forum.

Reaching out to the world and welcoming the world to Hong Kong – that is the outlook of HKUST.

“...We are very pleased to have HKUST as our partner. The long-term cooperation between HKUST and leading Russian education institutions will enlarge communications between our young and experienced scientists and thus ensure a more comprehensive approach and new ideas in different fields of applied science...”

Oleg Deripaska
Founder & CEO, UC RUSAL
Along with overseas links, HKUST is actively engaged in developing mutually beneficial collaborations with selected institutions and cities in Mainland China.

Examples in the Pearl River Delta include a collaborative venture with Peking University and the Shenzhen Municipal Government, on-going since the 1990s and leading to the establishment of the Shenzhen Industry, Education and Research Base, Shenzhen PKU-HKUST Medical Center and its Biomedical Institute.

The HKUST Fok Ying Tung Graduate School in Nansha and HKUST LED-FPD Technology R&D Center at Foshan enhance our ability to contribute to innovation and technology in the region and Hong Kong. Partnerships have also been developed with leading enterprises, such as Huawei, Tencent, and Lenovo.
In the Yangtze River Delta, the Zhejiang Institute for Advanced Materials of HKUST offers a platform for research, innovation, and technology transfer. A further exciting initiative in central and western China is the HKUST and Xi’an Jiaotong University Joint School of Sustainable Development, leveraging HKUST’s expertise in environmental studies. In addition, the Chinese government has approved the setting-up of the State Key Laboratory of Molecular Neuroscience and State Key Laboratory on Advanced Displays and Optoelectronics Technologies at HKUST.

Given the multiple prospects presented by Mainland China’s rapid development, such links form an important part of our strategic vision at HKUST.

“This young university continues its contribution to the development of Hong Kong and the region, and to building a gateway to China and the world”

Dr Vincent Lo
Chairman, Shui On Holdings Limited

Prof Justin Yifu Lin
Senior Vice President and Chief Economist, The World Bank

Jack Ma
Founder, Chairman and Former CEO, Alibaba Group

Dr Li Ning
Group Chairman and Executive Director, Li Ning Company Limited

Mr Zhang Ruimin
Board Chairman & CEO of Haier Group
HEIGHTENING OUR IMPACT THROUGH COMMUNITY ENGAGEMENT
I invest in education because its return is huge and can benefit the whole society. I trust HKUST is a good investment for our society.

Dr The Hon Lee Shau Kee
Chairman, Henderson Land Development Company Limited

HKUST continuously strives to ensure that it is an integral part of the community and an active global citizen.

To expand our outreach to the local community, students from all our Schools are encouraged to apply their academic knowledge and innovative outlook to contribute to society through a range of projects and other activities. At the same time, our faculty make their presence felt by publishing their research and insights in journals and the media.

HKUST gains guidance and advice from our dedicated Court and Council members. And we fully recognize our alumni’s invaluable support as our ambassadors at large and seek to keep them involved in the University’s ongoing development.

HKUST has also done well in garnering support for its endeavors from government funding, generous donations from different sectors of the community, and organizations beyond Hong Kong. Working closely with our stakeholders is how HKUST has succeeded in the past and will be vital in the future.

PARTNERING WITH HKUST

• Attract and retain the best scholars through Endowed Professorships
• Nurture future global leaders through Student Scholarships and sponsorship for Exchange, Internship and Service Learning Programs
• Promote innovation through Research Donations or Collaborations
• Put Hong Kong on the world map through financing programs for the unique HKUST Jockey Club Institute for Advanced Study
GOING FORWARD:
A DIALOGUE WITH PRESIDENT TONY F CHAN
A VISIONARY COURSE OF ACTION IS SET TO ADVANCE HKUST TO FRESH HEIGHTS OF ACHIEVEMENT
“The vibrant academic capital built up at HKUST can lead the way to developments you can only dream of right now. For this University really can make dreams come true”

Prof Tony F Chan
President, HKUST

WHAT IS THE STRATEGIC VISION FOR HKUST?
The University community set out a five-year Strategic Plan in 2011, which defined our direction in six developmental areas: education, research development, faculty development, community engagement, international and Mainland China strategy, and organization and resources. Through building on these key areas, we are extending student diversity and our holistic education programs, developing research clusters to advance areas of global imperative, and driving forward knowledge transfer and entrepreneurship.

HOW IS HKUST REALIZING ITS EDUCATION VISION?
With Hong Kong’s move to a four-year bachelor degree system, our undergraduate experience provides a truly exhilarating education. Minors, interdisciplinary work, joint degrees, exchanges and our signature Undergraduate Research Opportunities Program, along with internships and mentoring, community service, international competitions, and sportsmanship are all offered. In this way, we nurture globally aware and caring graduates with wide-ranging perspectives and highly competitive employability.
AS A RESEARCH-INTENSIVE UNIVERSITY, HOW DO YOU APPROACH POSTGRADUATE EDUCATION?

An innovative experience awaits our research postgraduates. In addition to involvement in exciting projects and studies, and interaction with top faculty, we pay special attention to fostering an entrepreneurial spirit and personal development in areas such as communication skills. This broadens our graduates’ prospects beyond the academic sector, providing business and industry with innovative talent and further boosting economic development through the creation of start-ups.

HOW WILL YOU ATTRACT AND RETAIN LEADING FACULTY MEMBERS?

We are implementing a faculty hiring plan across departments and an internationally competitive compensation system to keep a diverse global mix of high-achievers. Faculty members already include a Nobel Laureate and other top awardees; academicians and fellows; researchers-turned-entrepreneurs; and artists.
HOW IS HKUST EXTENDING ITS IMPACT IN MAINLAND CHINA?

We are enhancing our presence through selected partnerships with cities and locations, such as neighboring Shenzhen and the Pearl River Delta, and institutional alliances, including the Joint School of Sustainable Development with Xi’an Jiaotong University. We are also generating greater awareness of HKUST among the business sector, government, and media through participation in major forums.

HOW IS HKUST LEVERAGING HONG KONG’S UNIQUE POSITION AS A GATEWAY TO AND FROM MAINLAND CHINA?

Our understanding and knowledge of China and Asia perspectives and high global rankings give us an enviable edge as a rising thought leader in a region that is set to play an increasingly influential role in the global economy. We are proactively developing more collaborations with institutions in different geographical regions to develop more scope for our researchers and students, and to draw the best students and faculty from around the world to HKUST.
1-HKUST

WORKING INDIVIDUALLY AND TOGETHER ACROSS DISCIPLINES IN EDUCATION AND RESEARCH TO FUEL INNOVATION AND CREATIVE MINDS

School of Science
School of Engineering
School of Business and Management
School of Humanities and Social Science
HKUST Jockey Club Institute for Advanced Study
HKUST Fok Ying Tung Graduate School
Interdisciplinary Programs Office
SCHOOL OF SCIENCE
FIRST-RATE MINDS THAT SHAPE THE FUTURE

The School of Science offers a broad spectrum of programs in biological sciences, physics, chemistry and mathematics for undergraduates and postgraduates, with emphasis on developing innovative curricula in areas of technological importance.

The School also undertakes cutting-edge research. Our diverse faculty members are engaged in many emerging and dynamic fields, which include nano-science and new functional materials, neuroscience, marine and environmental science, drug design and synthesis, number theory, and financial mathematics, among others.

The establishment of the State Key Laboratory of Molecular Neuroscience at HKUST further builds on the School’s existing foundation of excellence.

State-of-the-art central facilities and institutes are available to provide specialized research support. These include the Biotechnology Research Institute, William Mong Institute of Nano Science and Technology, Coastal Marine Laboratory, and Materials Characterization and Preparation Facility.

MAKING A DIFFERENCE

• Fabrication of the smallest single-walled carbon nanotube in the world, with a diameter of 0.4nm (nanometer)
• Breakthroughs in unraveling novel signaling mechanisms in the brain, providing insights into potential therapeutic treatments for neurodegenerative diseases such as Alzheimer’s disease and neuromuscular disorders
• Milestone discovery on the action mechanisms of animal visual systems, contributing to understanding of human disorders such as retinitis pigmentosa and night blindness
CONTRIBUTIONS ON A GLOBAL SCALE

At the School of Engineering, our wide-ranging research and education opportunities have created the most comprehensive engineering school in Hong Kong.

Computer science, industrial engineering, logistics management, mechanical engineering, aerospace engineering, civil and environmental engineering, electronic and computer engineering, and Hong Kong’s only chemical engineering department, all are undertaken at HKUST.

Dynamic and enterprising, our researchers have achieved multiple world-class breakthroughs in areas ranging from wireless communications to advanced materials, geomaterials to vision and graphics.

State-of-the-art facilities include the world’s first Geotechnical Centrifuge Facility equipped with biaxial shaking table, which is widely recognized internationally, and the Wind-Wave Tunnel Facility, providing specialist wind engineering expertise and services.

The School is also home to the Ministry of Education/ Microsoft Research Asia Information Technology Key Laboratory, a highly effective model for collaboration between university, industry, and government.

Another exciting advance is the Center for Engineering Education Innovation (E²I), now helping to propel the School to the forefront of engineering education scholarship and student development.

MAKING A DIFFERENCE

• Pioneering 4G standards and wireless technologies, including a fast motion estimation technique for effective video compression recognized as part of the MPEG-4 standard
• Development of the world’s first smart anti-microbial coating which can kill 99.9% of bacteria within one minute
• HKUST ranked #19 in the World’s Top 400 Universities in Engineering and Technology (#1 in Hong Kong) by QS World University Rankings 2013.
School of Business and Management

"Asia’s youngest but most respected Business School"

Financial Times
Recognized as one of the most respected business schools in Asia, the HKUST Business School’s programs are consistently ranked among the best in the world.

We were also the first business school in Asia to be awarded accreditation by both the US-based Association to Advance Collegiate Schools of Business (AACSB International) and European Quality Improvement System (EQUIS).

Global perspectives are assisted by the School’s strong international faculty whose diverse national, cultural and ethnic background provides a stimulating environment for research, teaching and learning as well as informal interaction.

Always innovative in approach, our degree programs – undergraduate, MBA, EMBA, and PhD – and executive education keep students at the forefront of developments while signature programs such as the BBA in Global Business have helped to break new ground in Hong Kong.

With research centers ranging from business case studies and investing to Asian financial markets and China business and management, the School is superbly placed to leverage its international and regional knowledge base as Asia rises in significance in the global economy.

A purpose-built campus at HKUST is enabling the School to develop further, offering state-of-the-art facilities and a cohesive environment from which to generate the business pioneers of the future.
A PASSION FOR MULTIDISCIPLINARY PERSPECTIVES

The School of Humanities and Social Science supports interdisciplinary academic training and research in such diverse fields as anthropology, economics, geography, history, innovation studies, languages, linguistics, literature, music, philosophy, political science, psychology, sociology, and visual art.

Our geographic focus on China, including Hong Kong, and our disciplinary emphases on the comparative, the interdisciplinary, and the quantitative are reflected in our graduate training programs as well as our undergraduate major on Global China Studies.

We have one of the largest interdisciplinary programs anywhere in humanities and social science. The School is also developing collaborative undergraduate and postgraduate programs with strategic high-impact university partners in China, Europe, and North America.

MAKING A DIFFERENCE

• Ranked #7 in Asia’s Top 100 Universities in Social Science and Management 2013 by QS Asian University Rankings in 2013
• Offers the largest number of interdisciplinary programs in humanities and social science in Greater China
• The Intimacy of Creativity - The Bright Sheng Partnership: Composers Meet Performers in Hong Kong, a creative arts program highlight, has been hailed by the Financial Times as “the city’s most innovative music experience”

Humanities and Social Science are a vital part of HKUST’s campus life and learning experience. In addition to teaching and research, we organize talks, workshops, and conferences, engage in competitive external projects, and provide knowledge transfer to the local community.
IGNITING INTERACTION AND THOUGHT LEADERSHIP

The pioneering HKUST Jockey Club Institute for Advanced Study (IAS) is creating a powerful interdisciplinary academic hub and research base to stimulate creative thinking, draw gifted students and eminent faculty, and serve as Asia’s premier intellectual center.

The Institute is attracting globally acclaimed scholars from different disciplines to its IAS faculty team. These include Prof Sir Christopher Pissarides, Nobel Laureate in Economic Sciences; Prof Ching W Tang, the first Chinese recipient of the Wolf Prize in Chemistry; and Prof Gunther Ullmann, world-renowned mathematician.

The Institute fosters collaboration, interaction and academic endeavor at the highest levels of intellectual inquiry. To encourage a wider free flow of knowledge and ideas, and to raise community interest in the impact of science and technology, IAS also sponsors numerous events featuring leading thinkers.

MAKING A DIFFERENCE

- The Institute’s inaugural lecture was given by theoretical physicist Prof Stephen Hawking, drawing tremendous public interest
- Close to 500 distinguished lectures, seminars, conferences and workshops have been held since the founding of the Institute in 2006

Located on the Lee Shau Kee campus, the iconic five-story IAS Lo Ka Chung Building encompasses a 200-seat lecture theater, an open auditorium, seminar rooms and offices, providing space for conferences, workshops and an IAS Commons during term times, and topical research programs in summer and winter.
HKUST FOK YING TUNG GRADUATE SCHOOL
SPRINGBOARD TO DEVELOPMENT

HKUST Fok Ying Tung Graduate School in Nansha, a district of Guangzhou, provides HKUST with a strong base in the Pearl River Delta for research, postgraduate education, technology transfer and commercialization.

Situated in the attractive Nansha IT Park, the School contributes expertise to research and technology advancement, assists the upgrading of industry, and enhances education and training of human capital.

Our research centers are focused on four technology areas in which HKUST has a leading edge: internet of things; advanced manufacturing and automation; advanced engineering materials; and environment and sustainable development.

The School provides a platform for HKUST faculty and students to participate in Mainland China’s prestigious research schemes, including the 973 and 863 programs, State Key Labs and National Key Projects.

MAKING A DIFFERENCE

• Advanced digital and communications technology giving rise to a 24-hour healthcare monitoring system now being used in Mainland China hospitals
• Developing next-generation LED packaging using nano-composite materials for increased light output efficiency, thermal stability, durability and reliability
• Conducting leading research related to air pollution, and assisting in the development of effective air-quality management strategies for the region

With the Chinese government identifying Nansha as a key area for development in its 12th Five-Year Plan, the School’s contribution is set to be recognized nationally.
INTERDISCIPLINARY PROGRAMS OFFICE
BEYOND CONVENTIONAL BOUNDARIES

Working across Schools, the Interdisciplinary Programs Office (IPO) answers the demand for graduates and researchers who can tackle the increasingly complex issues of our times through a special combination of knowledge and skills.

Bringing together two or more different fields of study, the IPO also opens the door for a different type of educational experience for those interested in integrating their capabilities and developing original approaches to solution-building.

Capitalizing on HKUST’s focused academic strengths, the IPO’s undergraduate programs work synergistically to foster fresh insight in areas such as technology and management, risk management and business intelligence, and environmental management and technology.

Characterized by their small multicultural intake, high-powered curricula and wide-ranging personal and professional enrichment activities, these programs focus not only on academic skills but character-building to foster top achievers who are responsible and caring citizens.

MAKING A DIFFERENCE

• A flagship both inside and outside the University for the new dimensions and advances brought by interdisciplinary education and research

• The Division of Environment seeks to minimize and manage environmental challenges, involving academics, policy-makers and the public in this essential endeavor

• The Division of Biomedical Engineering coordinates and promotes academic research, nurtures commercial applications with industrial partners, and serves both the healthcare sector and general community

The Division of Environment and the Division of Biomedical Engineering, which come under the IPO, assist with undergraduate and postgraduate programs and place emphasis on interdisciplinary research, drawing in HKUST academics from different fields. They also serve as platforms to reach out to the community, raising public awareness on sustainability, fostering technology transfer and working with industry on applications with positive impact for society.
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<th>Year</th>
<th>Event</th>
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<tr>
<td>1988</td>
<td>Prof Chia-wei Woo took up appointment as Founding President</td>
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<td>1990</td>
<td>Biotechnology Research Institute inaugurated</td>
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<td>1991</td>
<td>HKUST officially recruited the first cohort of undergraduates</td>
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<td>1993</td>
<td>Launched Hong Kong SuperNet, the first licensed internet service provider in Hong Kong, to provide low-cost internet services for individuals, organizations, and businesses in Hong Kong</td>
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<td>1994</td>
<td>HKUST was granted first patent in U.S. for a technique of producing diamond film from polymer sources through laser deposition</td>
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<td>1996</td>
<td>HKUST computer scientists developed machine vision technology</td>
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<td>1996</td>
<td>A HK$118.7M contract, believed to be the largest ever awarded to a tertiary institution in Hong Kong, was signed with the Hong Kong Government to develop an Operational Windshear Warning System for the new airport at Chek Lap Kok</td>
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<td>1997</td>
<td>The Hong Kong SuperNet was sold by the University to a business consortium and the proceeds go to support R&amp;D activities at the University, proving that an academic research project can become commercially successful</td>
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<td>1997</td>
<td>Joint research laboratory in nanostructure materials and technology with Chinese Academy of Sciences</td>
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<td>1997</td>
<td>Kellogg-HKUST Executive MBA program launched</td>
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<td>Year</td>
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<td>1998</td>
<td>First World Wide Web Consortium Office in the Chinese-speaking world inaugurated at HKUST. HKUST and the Fok Ying Tung Foundation Limited signed a cooperation agreement to build an information technology park in Nansha, Guangzhou.</td>
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<td>1999</td>
<td>HKUST, Peking University and the Shenzhen Municipal Government signed a tripartite agreement on the Shenzhen-Hong Kong Industrial, Educational and Research Institution and its initial projects.</td>
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<td>2000</td>
<td>Researchers fabricated the smallest single-walled carbon nanotube in the world, with a diameter of 0.4nm (nanometer).</td>
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<td>2001</td>
<td>Prof Paul Ching-wu Chu became the University’s second President. Became the first to discover the structure and biological function of a protein that plays a central role in ensuring the normal operation of cells. Discovered key signaling mechanism in the brain, shedding new light on treating nerve-muscle disorders. HKUST led project on Molecular Neuroscience: Basic Research and Drug Discovery selected by the Area of Excellence Scheme of the University Grants Committee.</td>
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<td>2002</td>
<td>Discovered superconductivity in world’s smallest single-carbon nanotubes.</td>
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HKUST finance research ranked #1 in Asia Pacific

HKUST Institute for Advanced Study founded to foster international academic exchange at the highest levels

HKUST was invited by the Innovation and Technology Commission to host the Nano and Advanced Materials Institute Limited, one of the five Hong Kong R&D Centers supported by the Commission

Anti-malarial drug discovery hit the cover of top chemistry journal

Kellogg-HKUST Executive MBA ranked #1 in the world (Financial Times EMBA Ranking)

HKUST Fok Ying Tung Graduate School in Nansha established

Hong Kong Jockey Club Enterprise Center officially opened

Made breakthrough that decodes the secret of schizophrenia

HKUST Fok Ying Tung Graduate School awarded the status of International Science and Technology Cooperation Base by the Chinese government to promote collaborations between Mainland, HKUST and international partners

Prof Tony F Chan appointed third President

Ground-breaking for Lee Shau Kee Campus, which includes new buildings for HKUST Business School and the Institute for Advanced Study

Helped Boeing to develop wireless system for higher efficiency in aircraft maintenance

State Key Laboratory of Molecular Neuroscience established

Developed the world’s largest digital photograph with a resolution of 150 billion pixels
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<th>Year</th>
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<th>Details</th>
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<tr>
<td>2011</td>
<td>HKUST was first ranked #1 in Asia (QS Asian University Rankings)</td>
<td>MBA program ranked #6 in the world (Financial Times MBA Ranking) Perception Digital, the first company from HKUST Entrepreneurship Program, transferred its listing from the GEM Board of the Hong Kong Stock Exchange to the Main Board</td>
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<td>2011</td>
<td>HKUST professor achieved breakthrough in analyzing data from first Chinese lunar satellite Chang’e-1</td>
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<td>2011</td>
<td>HKUST professors proved single photons do not exceed the speed of light which has important implications for communication technology</td>
<td>Breakthrough discovery on mechanisms for animal visual system</td>
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<td>2012</td>
<td>“Stem Cell Strategy for Nervous System Disorders” and “Cost-effective and eco-friendly LED system-on-a-chip” were funded by the Theme-based Research Scheme under the Research Grants Council</td>
<td>The Kellogg-HKUST EMBA Program was ranked world’s No. 1 by the Financial Times for fourth straight year</td>
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<td>2013</td>
<td>HKUST was ranked Asia No. 1 for third straight year</td>
<td>“Photonic and Phononic Advanced Materials Research” and “Signaling Mechanisms Research in Neuro-disorders” were awarded as HKUST’s Area of Excellence by the University Grants Committee</td>
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<td>2013</td>
<td>Opening ceremony of Lee Shau Kee Campus</td>
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<td>2013</td>
<td>HKUST’s first Partner State Key Lab of Advanced Displays and Optoelectronic Technologies was established</td>
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