

## DISCOVER YOUR DREAMS, ACHIEVE YOUR ASPIRATIONS



in the world

TIMES HIGHER EDUCATION
WORLD'S MOST INTERNATIONAL
UNIVERSITIES 2021

22 nd in the world

RANKED AMONG THE WORLD'S TOP 25 SUBJECTS

**QS World University Rankings by Subject 2021** 

3<sup>rd</sup>

Dentistry

**7**<sup>th</sup>

Education

11

Geography

**11**th

Linguistics

14"

Architecture / Built Environment

**19**<sup>th</sup>

Civil & Structural Engineering

**21**<sup>s</sup>

Law

**23**<sup>r</sup>

Social Policy & Administration

**25**<sup>th</sup>

**Development Studies** 

Times Higher Education World University Rankings by Subject 2021

5<sup>th</sup>

Education

**21**<sup>st</sup>

Law

Times Higher Education World University Rankings by Subject 2022

20'

Clinical & Health



#### KEEPING YOU SAFE DURING THE PANDEMIC

As the world adjusts to living with Covid-19, HKU Engineering researchers have developed a device that helps the community stay safe during the pandemic. A team led by professors from the Department of Computer Science has pioneered the Stay Alert Stay Healthy (SASH) box that detects Covid-19-related risks in the environment – such as people with an elevated body temperature – and retrieves up-to-date information from online databases, including local Covid-19 cases. Harnessing the power of big data, users can connect to a SASH box remotely through their mobile device and monitor the environment where the box is located in real-time, such as a household, classroom, clinic, bus shelter, MTR station, and so on.

#### A STEP TOWARDS PREVENTING AND CURING HIV-1

A collaborative research effort between HKU LKS Faculty of Medicine and The AIDS Institute has identified an antibody named BilA-SG that could be used as a universal drug to prevent and provide a functional cure for HIV-1, the most common form of Human Immunodeficiency Virus. Researchers from HKU's Department of Microbiology worked with AIDS Institute scientists to discover that a single injection of BilA-SG was 100% effective in preventing pathogenic HIV-1 virus. A similar treatment also demonstrated 100% survival and complete suppression of the virus in non-human research subjects. The findings were published in one of the world's leading scientific journals, Cell Reports.

# HKU OPENS DOORS AND MINDS

most employable graduates in Hong Kong

QS GRADUATE EMPLOYABILITY RANKINGS 2022

The most employable graduates in the world

QS GRADUATE EMPLOYABILITY RANKINGS 2022

Pearly %

graduate employment rate for the 15<sup>th</sup> consecutive year IHKU DATA

#### **ALUMNI IMPACT**



Harrison Li
CEO of WeDerm Limited

#### **ELIMINATING ECZEMA FOR GOOD**

Harrison's attitude in life is to dream far, achieve big, and make things happen. Passionate about solving problems and creating social impact, he launched CureEczemaSlowly. com in 2013 while studying at HKU. The site is now active in over 210 countries worldwide and shares practical information about eliminating eczema (atopic dermatitis). Harrison also launched The Eczema Manual in 2017, a book that uses an evidence-based approach to rid the body of eczema through lifestyle changes. His goal is to help one million people around the world reverse eczema by 2026.

Life is short, and I want to make the world a better place. Since 2015, I have given more than 100 speeches and presentations to audiences in high schools, universities, corporations, and the community. I love inspiring people to take positive action because that's what matters.



Sidhant Gupta
Director of
Clear Robotics

#### BREAKING WORLD RECORDS THROUGH INNOVATION

Sidhant considers HKU an ideal platform for sharing and learning knowledge, building valuable partnerships, establishing a leadership mindset, and engaging with cultural experiences. During his degree, he enjoyed a diverse variety of exchanges and internships that enabled him to apply his theoretical knowledge in the real world. He travelled to over ten countries such as Myanmar, the Netherlands, the UK and Vietnam under different university programmes and went on exchange to two leading universities - Peking University and the University of Edinburgh.

After graduation, I launched my start-up, Clear Robotics, which is one of the fastest-growing young companies in the city. We work on an array of self-navigating, Al-vision-guided robots that collect marine trash autonomously. Since joining HKU, I've embarked on a Guinness World Record-setting robotics project, published three research papers, delivered a TEDx talk, and

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# NEW PROGRAMMES FOR BIG DATA CAREERS

BACHELOR OF ENGINEERING IN DATA SCIENCE AND ENGINEERING\*

**BIG DATA + ENGINEERING** 

BACHELOR OF SCIENCE IN MARKETING ANALYTICS AND TECHNOLOGY\*

BIG DATA + MARKETING

BACHELOR OF BUSINESS ADMINISTRATION (BUSINESS ANALYTICS)

**BIG DATA + BUSINESS** 

**BACHELOR OF SCIENCE IN BIOINFORMATICS** 

BIG DATA + MEDICINE

BACHELOR OF ARTS IN HUMANITIES AND DIGITAL TECHNOLOGIES

TECHNOLOGIES + HUMANITIES

\*Subject to approval

## EXPLORE OUR BRAND-NEW PSYCHOLOGY PROGRAMME AND DOUBLE DEGREE IN LAW AND SCIENCE

#### **BACHELOR OF PSYCHOLOGY\***

Launch a career as a psychologist with this new programme that explores psychological phenomena and principles while tackling novel problems and addressing ill-defined issues through practical experience, real-life situations, and research-led learning.

#### BACHELOR OF SCIENCE AND BACHELOR OF LAWS

This new programme integrates knowledge and skills in science and law to tackle challenges in STEM-driven regulatory affairs and intellectual property protection while providing academic training for legal professionals and scientists.

# DOUBLE YOUR OPPORTUNITIES

HKU has partnered with some of the world's leading universities for our dual degree and collaborative programmes that will double your network and competitiveness in the job market. Have the time of your life experiencing two different cultures while achieving two or more degrees from two top universities.

**HONG KONG** 

**CANADA** 

**HKU-University of British Columbia** (UBC Sauder)

- **Business**
- Commerce
- 2 degrees
- 4 years

**HONG KONG** 

**FRANCE** 

**HKU-Sciences Po** 

- Arts
- **Business** Administration
- **Social Sciences**
- 2 degrees
- 4 years

**HONG KONG** 

**MAINLAND CHINA** 

**HKU-Peking University** 

- Law
- 2 degrees
- 5 years
- **Economics**
- Finance
- Management
- 2 degrees
- 4 years

  OP 4 years

**HONG KONG** 

UK

**HKU-University College London** 

- Law
- 2 degrees
- 4 years

UK

**HONG** 

**KONG** 

**HKU-University** of Cambridge

- **Engineering**
- Computer Science
- 3 degrees
- **5** years
- **Natural Sciences**
- 3 or 4 degrees
- 4 or 5 years

USA

**HONG** 

**KONG** 

**HKU-University** of California, **Berkeley** 

- Arts
- **Social Sciences**
- 2 degrees
- 4 years





#### **EXPLORE YOURSELF AND THE WORLD**

I'm impressed by the interdisciplinary nature of my programme, where I get the flexibility to choose different courses that train me to think critically and analytically. I also meet friends from around the world, which enhances my cultural competence and global awareness. These are precious assets that are substantially beneficial to my future development.

Aastha Gaur
Bachelor of Arts and Sciences



#### **BRINGING LEARNING TO LIFE**

In one of my Common Core courses, we investigated the impacts of globalisation and tourism on local cultures. This included a field trip to the Big Buddha in Tung Chung, where we appreciated Buddhist culture while critically analysing the impacts of tourism on the region. It was a memorable and engaging way to physically understand the concepts we learnt in class.

#### Rachel Cao

Bachelor of Arts and Bachelor of Education in Language Education (English)

## RECORD-BREAKING INNOVATION



We used flexible and soft methods in the tail design to achieve the underwater propulsion that secured our second world record. SNAPP has now surpassed most Olympic swimmers, except for Cesar Cielo from Brazil, who swam 50 meters in 20.91 seconds!

#### **Timothy Ng**

HKU Mechanical Engineering graduate & founder of the HKU robotics team, BREED

#### **HKU'S ROBOTIC FISH CATCHES SECOND WORLD RECORD**

HKU's robotic fish, SNAPP, has set a second Guinness World Record for the fastest 50-metre swim by a robotic fish. SNAPP recorded a swim of 2.18 m/s (meters per second) – that's faster than most Olympic swimmers, including Michael Phelps! Designed by a team led by the Department of Mechanical Engineering, SNAPP emulates the motions and profile of a real fish, allowing it to seamlessly integrate with the ocean environment. Its thin design makes it fit for both shallow and deep-sea operations, capable of moving through undersea rock formations and fitting through tight crevices. The HKU robotics team is already working on using SNAPP to address ocean pollution and scout for underwater garbage. When integrated with an artificial intelligence-based vision system and an aerial drone, SNAPP could even become a critical element of search and rescue operations.



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# SO MUCH TO DO AT HKU



#### **JOIN A CLUB OR SOCIETY**

Explore your passions and make new friends at one of HKU's 120+ clubs, societies, and student associations, from astronomy to volleyball.



#### LIVE IN A RESIDENTIAL HALL

Choose from HKU's 17 residential halls and colleges, each with its own vibrant culture, spirit and heritage, making hall life one of the most memorable parts of life at HKU.



#### **GO ON OVERSEAS EXCHANGES**

Study at HKU and go on exchange to Cambridge, Oxford, MIT, Princeton, Yale – or one of our 382 prestigious university exchange partners in 46 destinations.



#### **ACCESS CAREER INTERNSHIPS**

Set your career in motion before you graduate with our local and overseas internships, putting your skills into practice and making valuable connections.



#### **NETWORK WITH THE WORLD**

Interact with and learn from students, professors, alumni, industry leaders, and more from many different corners of the globe.

#### DID YOU KNOW, YOU CAN ALSO

#### ENTER INTERNATIONAL COMPETITIONS

Join local and international competitions to test your skills and knowledge in preparation for the future.



#### ENROL IN MENTORSHIP PROGRAMMES

Learn from and be mentored by HKU alumni who are industry influencers and reputable leaders in their fields.



#### **START YOUR START-UP**

Incubate your ideas at HKU's innovation and entrepreneurship hub, iDendron, and launch your own start-up alongside like-minded peers.



#### **DISCOVER EXPERIENTIAL LEARNING**

Work on projects with our community partners and tackle real-life issues by combining interdisciplinary knowledge with innovative ideas.



#### **BECOME A STUDENT AMBASSADOR**

Join the HKU Student Ambassador Scheme and represent the university while having fun with fellow students from different years of study.







#### POKFIELD CAMPUS - A HUB FOR THE 21ST CENTURY

HKU's new Pokfield Campus is set to become one of our largest contemporary hubs, featuring an academic-cultural-sports complex, a new HKU Business School building, a university guest house, junior professoriate staff quarters, and an iconic teaching and learning complex. The existing sports spaces will be redeveloped and upgraded into a fully integrated facility with an indoor swimming pool, sports halls, a running track, and more. This innovative, immersive and collaborative environment for teaching, research, and local and global outreach is expected to open by late 2023.

#### MEDICAL CAMPUS -AN ICONIC LANDMARK FOR HEALTHCARE

The brand-new, expansive medical facility on Sassoon Road is HKU's exciting new home for our LKS Faculty of Medicine students. The highlight is a nine-storey building spanning 10,000 square metres, which will house the School of Chinese Medicine and the School of Nursing. The new location features lecture theatres, seminar rooms, classrooms, learning commons, clinical skill training centres, research laboratories, and staff and research offices. It will also contain the Chinese Medicine outpatient clinic and state-of-the-art simulation laboratories for students to practise their skills in various clinical situations.

