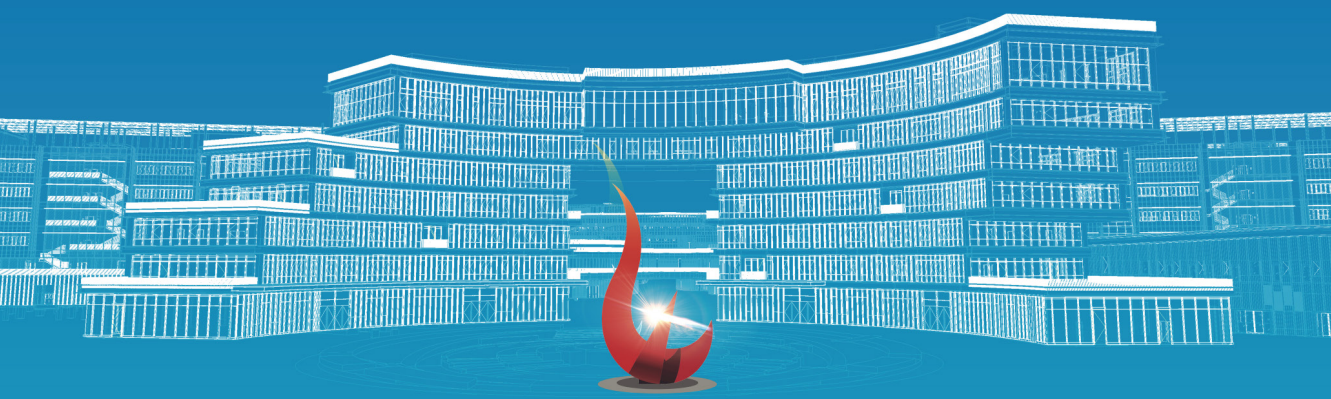
香港科技大学(广州)
THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY (GUANGZHOU)

The Hong Kong University of Science and Technology (Guangzhou)

Undergraduate Admissions Guide 2024 for International Students



MESSAGE FROM THE PRESIDENT

As you step through the gates of our brand-new, stunning campus, you should feel a rush of pride---not just a pride in our awesome architecture, but pride in an awesome idea and system. For you are joining a university whose structure and philosophy have no prior precedent. First, our overall framework is unique, we being the other half of a "Unified HKUST-Complimentary Campuses". We complement the superb disciplinary strengths of our Hong Kong campus. Together, we create unlimited synergistic possibilities. In our calculation, "one-plus-one" does not equal two. It equals more. The early and extraordinary success of our Hong Kong twin brother has given us a huge head start.

By now, you may know that HKUST(GZ) has been created to fulfill a national mission: to nurture tip-top talents capable of tackling the complex challenges that our community and country face. When you graduate, you will be brandishing more than just a diploma for your efforts. Your intellectual gifts and technical know-how will be your calling card. Our special cross-disciplinary structure is designed to help you get there.

We have therefore dismantled the traditional academic divisions, doing away with departments and faculties. Under our pioneering academic structure, you may belong to one of the 4 interconnected Academic Hubs incorporating 16 cutting-edge Thrusts. This previously untried model breaks down disciplinary silos and academic boundaries, allowing scholars and students to build bridges across multiple disciplines. Under such arrangements, our ideal students are forward-looking, innovation-seeking, problem-solving talents with the core competencies that transcend traditional disciplines.

We believe the academic and living life at HKUST(GZ) will prepare our students to rise to the unforeseen challenges of our time. With great difficulties come great opportunities and the possibility of great triumphs. Your duty and ours is to see that you fulfill your potential.

HKUST is a legendary miracle-maker, boasting a record of accomplishments in record time that wows the world. We at Guangzhou are determined not to be anything less.

I invite you to chase our dream in an exciting journey without boundaries.

Prof. Lionel M. Ni
Founding President of HKUST(GZ)

About The Hong Kong University of Science and Technology

Established in 1991, The Hong Kong University of Science and Technology (HKUST) is an international research university dedicated to top-notch education and research. Founded on its mission to advance learning and knowledge through teaching and research particularly in science, technology, engineering, management and business studies complemented by humanities and social sciences, as well as assisting in Hong Kong's socioeconomic development, this young and ambitious University has gone beyond the wildest dreams of many, climbing high in international esteem and reaping numerous honors and accolades.

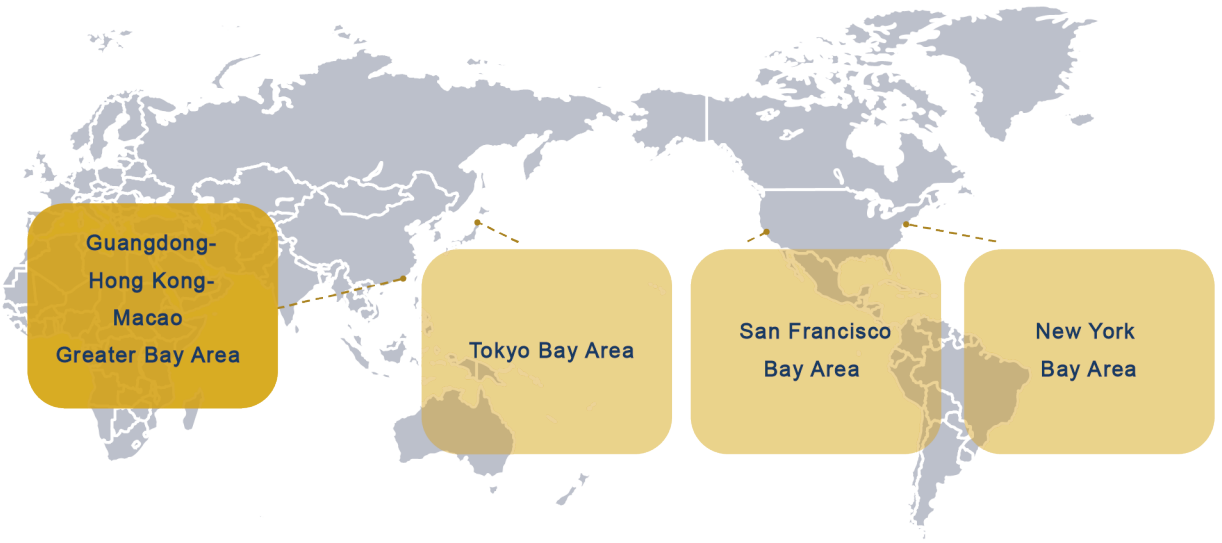
About The Hong Kong University of Science and Technology (Guangzhou)

Officially established in June 2022, The Hong Kong University of Science and Technology (Guangzhou) (HKUST(GZ)) is a legally independent higher education institution cooperatively run between the Chinese mainland and Hong Kong Special Administrative Region.

Under the "Unified HKUST, Complementary Campuses" framework, HKUST(GZ) and HKUST, while existing as separate legal entities, maintain consistency in the academic standard, faculty recruitment, and program quality. Such cross-campus collaboration produces greater synergy by sharing resources and complementing each other's strengths.

In addition to pioneering a new path in higher education, HKUST(GZ) is fully committed to cultivating forward-looking talents with global visions who can flexibly adapt to the future development of the technology industry and society. Equipped with creative thoughts, innovative skills and professional expertise, graduates of the University are able to navigate the rapidly changing world inundated with increasingly complex challenges.

Four Bay Areas in the World



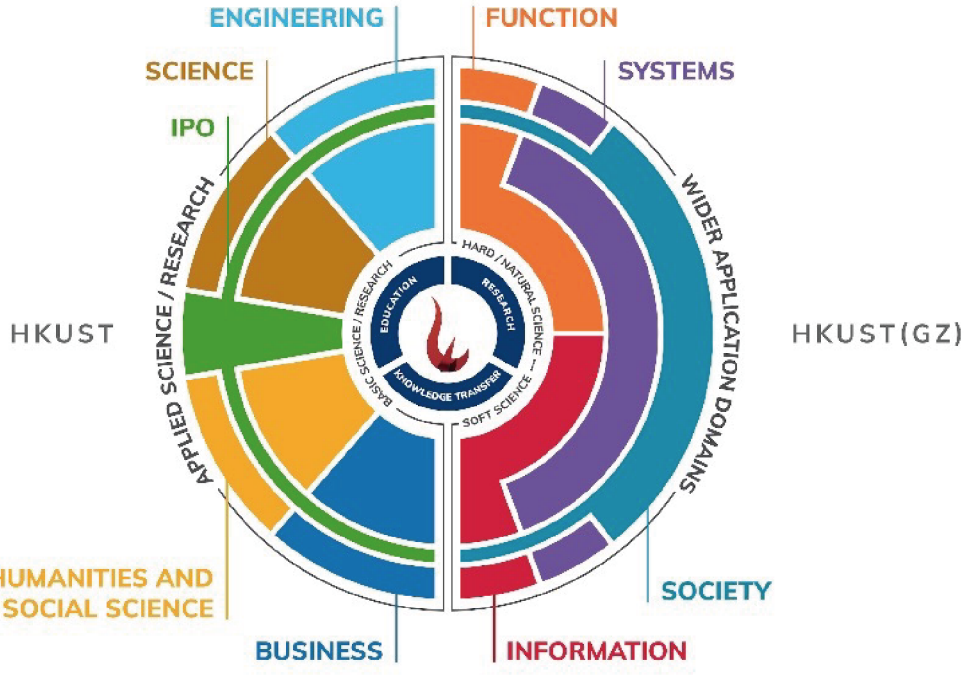
Innovative Academic Structure

HKUST(GZ) strives to leap across boundaries of traditional academic structure and organizations featured by rigid disciplinary divisions. HKUST(GZ) comprises four Hubs that serve as nexus among disciplines; under each Hub, there are a few Thrust Areas that represent some key emerging areas for directions and foci of research.

By virtue of the profound disciplinary foundation of HKUST, HKUST(GZ) has built a new academic structure featuring Hub and Thrust with the purposes of diverse growth of interdisciplinary education and knowledge transfer, as well as the cultivation of future-oriented talents through a variety of emerging programs.

Buttressed by the rigorous commitment to cross-disciplinary academic collaboration in Clear Water Bay campus, HKUST(GZ) will advance the development of an interdisciplinary platform to the next level.

The four Hubs complement the four pillars of academic strengths established by HKUST and demonstrate a swift response to arising problems and needs in reality, thus creating a significant impact on the non-academic communities.



Hubs and Thrusts

FUNCTION HUB

- Advanced Materials
- Earth, Ocean and Atmospheric Sciences
- Microelectronics
- Sustainable Energy and Environment

INFORMATION HUB

- Artificial Intelligence
- Data Science and Analytics
- Computational Media and Arts
- Internet of Things

SYSTEMS HUB

- Bioscience and Biomedical Engineering
- Intelligent Transportation
- Robotics and Autonomous Systems
- Smart Manufacturing

SOCIETY HUB

- Financial Technology
- Innovation, Policy, and Entrepreneurship
- Urban Governance and Design
- Carbon Neutrality and Climate Change

Faculty

Prof. Lionel Ming-Shuan NI

Professor of Data Science and Big Data Technology, President

PhD in Electrical Engineering from Purdue University
A Life Fellow of Institute of Electrical and Electronics Engineers (IEEE)
Fellow of the Hong Kong Institution of Engineers
Fellow of Hong Kong Academy of Engineering Sciences

Prof. Hui XIONG

Head of Artificial Intelligence Thrust, Associate Vice President (Knowledge Transfer)

PhD from University of Minnesota, Twin Cities
A Fellow of The American Association for the Advancement of Science (AAAS Fellow)
A Fellow of Institute of Electrical and Electronics Engineers (IEEE Fellow)
ACM Distinguished Scientist
Changjiang Chair Professor of the Ministry of Education of China

Prof. Kai TANG

Head of Smart Manufacturing Thrust

PhD in Computer, Information and Control Engineering from University of Michigan
Studied at the University of Michigan among the first selected by China's Education Ministry in 1984
Received his PhD in Computer Engineering in 1990
Joined in HKUST in 2001

Prof. Xiaowen CHU

Acting Head of Data Science and Analytics Thrust

PhD in Computer Science from The Hong Kong University of Science and Technology
Former professor at the Department of Computer Science, Hong Kong Baptist University
A Senior Member of Institute of Electrical and Electronics Engineers (IEEE)
A Vice-Chairman of the Blockchain Technical Committee of China Institute of Communications

Prof. Jingshen WU

Professor of Smart Manufacturing, Vice President (Teaching & Learning)

PhD in Mechanical and Mechatronic Engineering from The University of Sydney
Former Founding Dean of the School of System Design and Intelligent Manufacturing (SDIM) at the Southern University of Science & Technology
Tenured professor at the Department of Mechanical and Aerospace Engineering of HKUST
Adjunct professor at several universities including Xi'an Jiaotong University, Sichuan University and Harbin Engineering University

Prof. Ricky Shi-Wei LEE

Professor of Smart Manufacturing

PhD in Aeronautical and Astronautical Engineering from Purdue University
Dean of Systems Hub
Director of Center for Advanced Microsystems Packaging
Chief Technology Officer of Nano & Advanced Materials Institute (NAMI)
Director of HKUST LED-FPD Technology R&D Center at Foshan

Prof. Qiang YANG

Professor of Artificial Intelligence

PhD from The University of Maryland
Honorary Vice President of CAAI
Fellow of the Academy of Science of the Royal Society of Canada
Fellow of the Canadian Academy of Engineering

Prof. Lei CHEN

Professor of Data Science and Big Data Technology

PhD from University of Waterloo
Dean of Information Hub
A Fellow of Institute of Electrical and Electronics Engineers (IEEE Fellow)
ACM Distinguished Scientist

Prof. Qiong LUO

Professor of Data Science and Big Data Technology

PhD in Computer Science from University of Wisconsin-Madison
BS in Computer Science from University of Wisconsin-Madison
MS and BS in Computer Science from Peking University
Her team won the CCF Award for Science and Technology in 2022- the first prize in Natural Science Award

Prof. Wei WANG

Professor of Data Science and Big Data Technology

Former Professor in the School of Computer Science and Engineering, University of New South Wales
Deputy Chief Editor of IEEE TKDE and Journal of Material Informatics
Deputy Chairman of ICDE, Deputy Chairman of International Conference on Data Engineering (ICDE) in 2014 and 2019
Winner of Best Paper Award in SIGCOMM in 2022

Prof. Xinyi HUANG

Associate Professor of Artificial Intelligence

The first prize of Cryptography Innovation award by CACR in 2022
Deputy Director of Fujian Provincial Key Lab Laboratory of Network Security and Cryptography

Dr. Clive Martyn LEE

Head of the Division of Language Education

PhD in TESOL from the University of Exeter

Innovative Teaching Model

HKUST(GZ) adopts trailblazing teaching ideas that center on students. During their studies, students are free to choose necessary course modules consistent with their research questions and develop their just-in-time learning abilities, thus realizing individualized education.

Innovation in Teaching

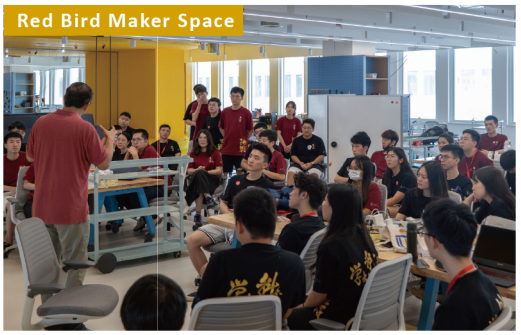
Individualized Teaching

The conventional course design and teaching appraisal with characteristics of assembly lines have been substituted with a module-based "course market", in which students are free to choose different learning paths according to their interests and knowledge structure. Teachers and students jointly record the teaching effect by tracking the students' course selection record and personal development, so the students are entitled to merits of individualized education.

Innovation in Learning

Enquiry-based Cross-disciplinary Active Learning Model

Through "flipped classroom", "project-based teaching", "immersive teaching" and "group learning", teachers can reshape their roles from traditional lecturers to coaches and mentors, in which way teachers can help students find their targeted learning purposes and goals.


Red Bird Maker Space

Brand-new Knowledge Transfer Model

Scientific Research Achievements

Leveraging advantage of the framework of "Unified HKUST, Complementary Campuses", HKUST(GZ) and HKUST synergize the exchanges and interactions of talents between Guangdong and Hong Kong as well as the technology transfer of scientific innovations in the Greater Bay Area. Since its establishment in 1991, HKUST has attached great importance to the application of scientific and technological achievements and the formulation of intellectual properties. Moreover, HKUST boasts a noble innovation tradition and has nurtured a batch of outstanding enterprises, such as Da-Jiang Innovations (DJI), Shenzhen Unity-Drive Innovation Technology Co., Ltd. (UDI), and Zhuhai Yunzhou Intelligence Technology Ltd. (Yunzhou).

Integration of Industry, Education and Research

Located in Nansha and linked to Hong Kong, HKUST(GZ) capitalizes on the mature manufacturing legacy and takes the opportunity of comprehensive cooperation among the Chinese mainland, Hong Kong and Macao to focus on the transformation of professional knowledge into products and promote the integration of industry, education and research, thus driving the construction of the innovation base for science and technology industries in the Greater Bay Area.

HKUST 2.0: Pioneer of Knowledge Transfer

Da-Jiang Innovations (DJI)
Founded by HKUST alumnus, Tao WANG

Zhuhai Yunzhou Intelligence Technology Ltd. (Yunzhou)
Founded by HKUST alumnus, Yunfei ZHANG

Shenzhen Unity-Drive Innovation Technology Co., Ltd. (UDI)
(Hong Kong's first official license holder for fully driverless vehicles)
Founded by Associate Professor of HKUST(GZ), Ming LIU



Undergraduate Programs in 2024
Artificial Intelligence

Program Introduction

With increasingly heated attention to the field of artificial intelligence, this program aims at the frontier of science and technology, builds a platform for in-depth interdisciplinary integration, and cultivates professional talents with innovative thinking and hands-on abilities. In this program, students strive to consolidate their core knowledge of AI, including machine learning, data mining, knowledge representation and processing, and master practical skills in building AI systems. This program contributes to the incubation of AI talents and applied research, as well as the enlightenment of today's era of digital transformation.

Thrust Head

Prof. Hui XIONG is currently Associate Vice President (Knowledge Transfer), the Head and Chair Professor of the Artificial Intelligence Thrust at HKUST(GZ). Prof. Xiong has obtained AAAS Fellow, IEEE Fellow, ACM Distinguished Scientist, Changjiang Chair Professor of the Ministry of Education of China. In terms of talent cultivation, most of the PhD supervised by Prof. Xiong have become tenure-track professors at prestigious universities around the world, including University of Tennessee-Knoxville, University of Arizona, Stony Brook University, University of Central Florida, George Mason University, City University of Hong Kong, University of Kansas and ESCP Business School-Paris.

Job Prospect

At present, China has exceeded the United States regarding the thirst for AI talents who are in extremely short supply domestically. Seizing on this opportunity, HKUST (GZ) runs the program with the purpose of cultivation of high-level AI talents throughout China and across the globe.

The program opens up a wide range of employment possibilities for its graduates, including positions in smart finance, smart cities, data services, smart education, smart healthcare, smart transportation, smart manufacturing and meta-universe realization. With the help of our highly qualified faculty members and the existing professional faculty members from HKUST, the program empowers students with better access to professional careers.

Undergraduate Programs in 2024
Smart Manufacturing

Program Introduction

Being the focus of global manufacturing industries, smart manufacturing promotes digital transformation in production processes and accelerates the making of effective and accurate engineering decisions as well as cost-effective and competitive products. This program provides students with an in-depth knowledge and process capability of various smart manufacturing technologies and production processes combined with actual skills in physical sciences, engineering and business, in which way students can develop innovative approaches to the practical applications of manufacturing engineering.

Thrust Head

Prof. Kai TANG is currently the Head of the Smart Manufacturing Thrust at HKUST(GZ). Prof. Tang was sent by the Ministry of Education to study at the University of Michigan in 1984 and received his PhD in computer engineering in 1990. He then spent 10 years as an R&D specialist in the software industry, focusing on computer-aided design and manufacturing software development. In 2001, he joined The Hong Kong University of Science and Technology. So far, he has made great contributions in academic research and student cultivation.

Job Prospect

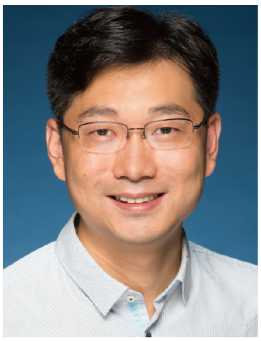
With the on-going transformation to Industry 4.0, the demand for engineers excelling in smart manufacturing is tremendous. As an interdisciplinary field, smart manufacturing is not only the best carrier and motivity of the related fundamental research, but also a more effective and intuitive demonstration of the impact of both fundamental and applied research. Our degree program provides students with both cross-disciplinary fundamental theoretical and hands-on training to equip them better for future challenges. Graduated students will demonstrate a broad-based knowledge and practical capability of various smart manufacturing technologies and production processes and fulfill the market expectations, thus enjoying a bright employment prospect.

Undergraduate Programs in 2024
Data Science and Big Data Technology

Program Introduction

As a national basic strategic resource, Big Data Science has become the focus of attention in academia and industry. Data Science and Big Data Technology is interdisciplinary across computer science, statistics, mathematics and other fields. This program aims to cultivate all-round talents in data science. Students will have a solid theoretical foundation, good scientific literacy and a sense of social responsibility, as well as be able to solve complex problems in practical situations with systematic data thinking and meet the challenges of Data Science and Big Data in the real world.

Thrust Head



Prof. Xiaowen CHU received his BEng degree in Computer Science from Tsinghua University, Beijing, P. R. China, in 1999, and the PhD degree in Computer Science from The Hong Kong University of Science and Technology in 2003. He is currently a Professor at the Data Science and Analytics Thrust, Information Hub of HKUST(GZ). He has been working at the Department of Computer Science, Hong Kong Baptist University during 2003-2021. He is a senior member of IEEE and a member of ACM. He is a vice-chairman of the Blockchain Technical Committee of China Institute of Communications. His current research interests include GPU Computing, Distributed Machine Learning, Cloud Computing, and Wireless Networks. He is especially interested in the modelling, parallel algorithm design, application optimization, and energy efficiency of GPU computing.

Job Prospect

With the rapid development of big data industries, talents in data science are in urgent need in the worldly market, and students in this program will have a wider range of employment opportunities. In the future, graduates of this program can pursue their academic interest, engage in scientific research, or become the important force in digital transformation and digital innovation in different industries.

Undergraduate Cultivation Mode

Duration 4 Years

Students are not admitted into different programs until the end of the second year when they declare their program of study.

Run-through Cultivation

Bachelor-MPhil Track: 5 years in general
Bachelor-PhD Track: 8 years in general

Postgraduate Studentships

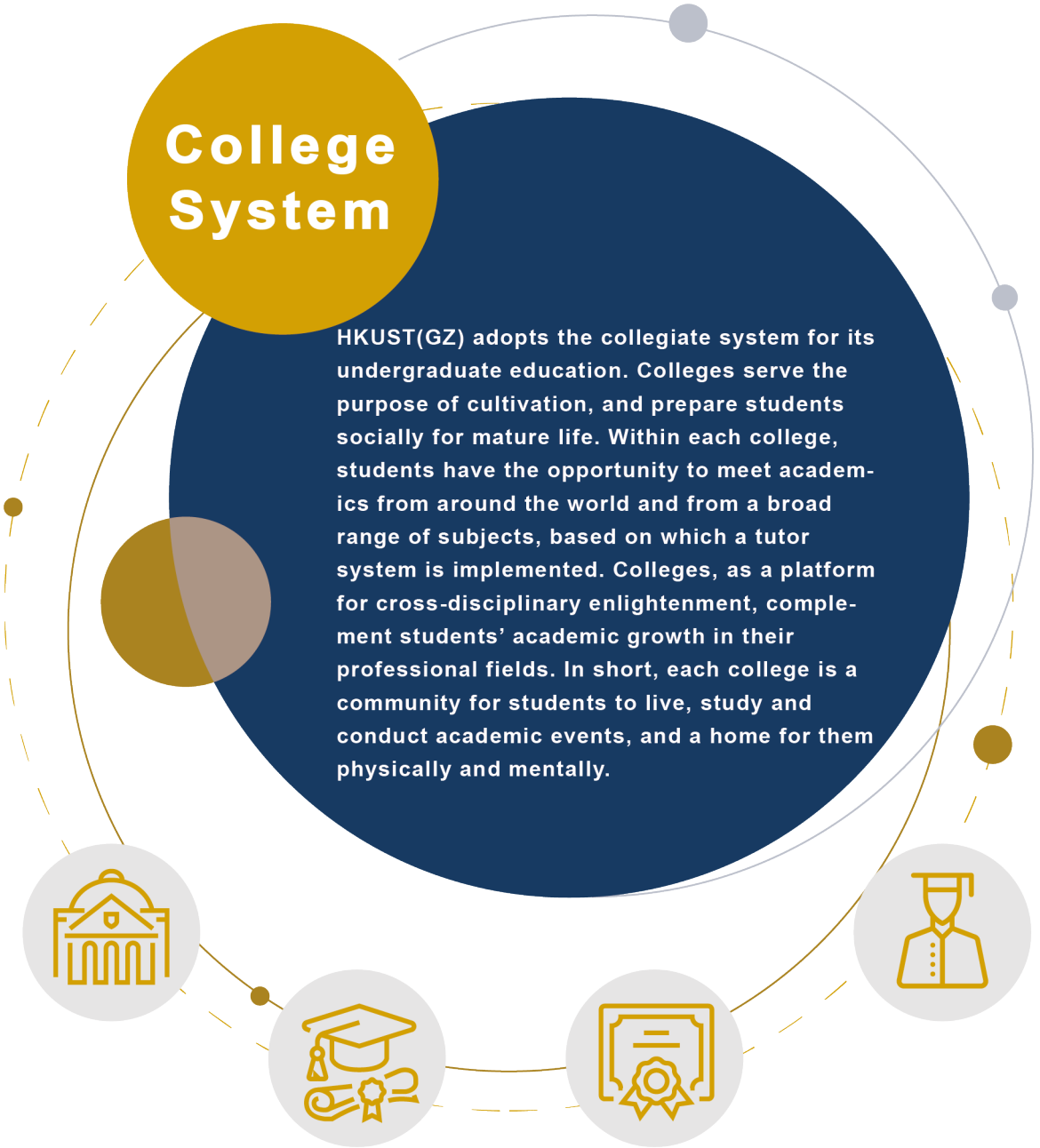
MPhil student per year: RMB120,000
PhD student per year: RMB180,000

Run-through Cultivation

HKUST(GZ) cultivates future-oriented and innovative talents through a run-through cultivation mode featured by Bachelor-MPhil Track and Bachelor-PhD Track.

Undergraduate students are recruited without admission into a specific program; they need to declare their program of study at the end of the second year.

Undergraduate Cultivation Mode



Who Can Apply

Applicants must be citizens of a country or region other than China (including Hong Kong, Macao and Taiwan) with a valid passport and comply with the relevant regulations set by the Document No. 12 (2020) of the Ministry of Education of the PRC. Please refer to our official website for more details.

Application Procedures

1. Online Application	**Submit your online application via the link below before May 1, 2024** *https://ugapply.hkust-gz.edu.cn/international* **Application Fee: RMB150 (non-refundable)** **Applications received after this date will only be considered if there are places availabe.*
2. Post-submission	**Review of Applications** **Online Interview** **Offer Decisions**

Entry Requirements

All applicants with international qualifications are expected to fulfil General Admissions Requirements and English Language Requirements.

GENERAL ADMISSIONS REQUIREMENTS Graduate from high school; and one of the following qualifications.	
American Patterned System (SAT/ACT/AP)	ACT (in one sitting) with composite score of 27 or above; **OR** SAT total score of 1,290 or above; **AND** (i)American College Board Advanced Placement (AP) in three subjects, each with a score of 3 or above; **OR** (ii)Three SAT Subject Tests, each with a score of 600 or above (Pre-July 2021)
British Patterned System (G-CEAL/IAL)	• Passes in at least three Advanced Level (AL) subjects in the GCEAL/ International AL examinations; **OR** Cambridge Pre-U Diploma; **OR** BTEC National Level 3 Extended Diploma • *Applicants may present Cambridge Pre-U Principal courses in place of Advanced Level (AL) subjects*
International Baccalaureate	IB Diploma
Other Qualifications	Please refer to https://ugadmissions.hkust-gz.edu.cn/en/ for full details.

ENGLISH LANGUAGE ADMISSIONS REQUIREMENTS One of the following qualifications	
IELTS	Academic Module Overall Band: 6.0 (IELTS Academic for UKVI is also accepted.)
TOEFL	Option 1: Internet-based test(iBT)Total Score (in one sitting): 80 Option 2: Paper-delivered Test Combined Score: 60
SAT	Score 590 in the Evidence-Based Reading and Writing
ACT	Score 23 in both English and Reading
IGCSE/GCSE /GCE O-Level	English Language/ English Literature: Grade 4/ Grade C English (Second Language): Grade 5/ Grade B
GCE AS or A-Level	English / English Literature: Grade E
International Baccalaureate	English A: Language and Literature (Higher or Standard Level)-Grade 4 English A: Literature (Higher or Standard Level)-Grade 4 English Literature and Performance (Standard Level)-Grade 4 English B (Higher Level)-Grade 4 English B (Standard Level)-Grade 5
Other Qualifications	Please refer to https://ugadmissions.hkust-gz.edu.cn/en/ for full details.

Documents Checklist

1. A copy of valid passport
2. A personal statement
3. A high school diploma or certificate of studying with expected graduation date
4. An official transcript of high school (completed or results so far)
5. Proof of English language proficiency
6. Public examination result certificates, if any
7. Proof of significant prizes and/or awards, if any
8. Nomination of an academic referee
9. Nomination of IB Coordinator or Career Counselor (for students taking the IB, GCE-AL/IAL/Cambridge Pre-U or Indian High School Examination)
10. Guardianship letter notarized at the local Chinese embassy (who were born after April 30, 2006)
11. One color bareheaded photo with white background
12. No criminal record certificates notarized at the local Chinese embassy
13. Bank Deposit Certificate (Amount: RMB100,000 or above)

If your documents are in other languages than English and Chinese, please prepare an official English translation of the documents or an English translation endorsed by your school.

Languages

The medium of instruction throughout HKUST(GZ) is English but all international students should study and become fluent in Chinese.

Scholarships

HKUST(GZ) offers a variety of scholarships to international students, including admissions scholarships. Admissions scholarships are awarded to top students from all backgrounds based on academic merit and non-academic achievements. All applicants will be automatically considered for admissions scholarships without extra application. Details of admissions scholarships awarded will be released with admission offers.

Apart from scholarships provided by the University, international students of HKUST(GZ) are eligible to apply for Guangdong Government Outstanding International Student Scholarship every year.

Fees and Living Costs

1. Tuition Fee: RMB100,000 per academic year

2. Accommodation Fee: RMB2,000-2,500 for on-campus accommodation per year (excl. meals, air-conditioning and laundry charges). The fees are subject to change without notice.

3. Personal: Approximately RMB20,000 per year.

In order to foster true and meaningful collaboration between HKUST and HKUST (GZ), the 1.1-sq-km HKUST (GZ) campus is conveniently located in Nansha, south of Guangzhou and adjacent to the Qingsheng station on the high-speed Guangzhou-Shenzhen-Hong Kong Express Rail Link. It only takes less than an hour to get to West Kowloon Station in Hong Kong.


A HKUST Shenzhen Research Institute
B HKUST Fok Ying Tung Research Institute
C HKUST LED-FPD Technology R&D Center at Foshan
D HKUST Shenzhen-Hong Kong Collaborative Innovation Research Institute
Guangzhou-Shenzhen-Hong Kong Express Rail Link
Huizhou
henzhen
HKUST
01 Guangzhou Metro – Dongchong Station
02 Guangzhou Metro – Dongchong Dadao Station (Proposed)
HKUST(GZ)
R&D Zone for Headquarters
General Services Center
Artificial Intelligence Zone
Industry 4.0 Zone
Key Business Services Center
HKUST(GZ) is situated in Qingsheng, Nansha.

Campus Facilities

Designed by internationally renowned architects Kohn Pedersen Fox Associates (KPF) as an inspirational "smart green campus", HKUST(GZ) will align with both the style of the Clear Water Bay campus and the natural features of its own environment.

Combining institutional form, function, and aspiration with sustainability and organic beauty, it memorably heralds the university of the future, setting a new standard for higher education.

For more details, please refer to official website: https://hkust-gz.edu.cn/

香港科大(广州)
HKUST(GZ)

CONTACT US

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Website: https://ugadmissions.hkust-gz.edu.cn/en/

UG Admissions Official WeChat

HKUST(GZ) Official WeChat

Virtual Campus Tour