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

红鸟硕士基地
BASE OF RED BIRD MPHIL
未来技术学院
COLLEGE OF FUTURE TECHNOLOGY



HKUST(GZ) Red Bird MPhil Program

2027 Fall Nomination Admission

Student Guide - for Partner University

PROGRAM
MPhil (General) · 2 years

LANGUAGE
English

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01

About HKUST(GZ)

Unified HKUST, Complementary Campuses

"1991 Clear Water Bay Campus —— Guangzhou Campus 2022"

HKUST：

A platform for world-class innovation leaders

#33
QS Word University Ranking 2027

#20 Globally
in Times Higher Education Sustainability Impact Ratings 2026

- **Active Startups: 1900+**
- **Unicorn Start-Ups: 11**
- **Patent Influence Metric: #1 in China, #33 Globally**

Entrepreneurship：



Drone



Unmanned Ship



Driverless cars

HKUST(GZ)：

The 3rd co-operative university between the Mainland of China and Hong Kong, approved by the Ministry of Education of China.

- High-quality educational resources
- Cutting-edge interdisciplinary development
- Innovates talent cultivation models
- International perspective

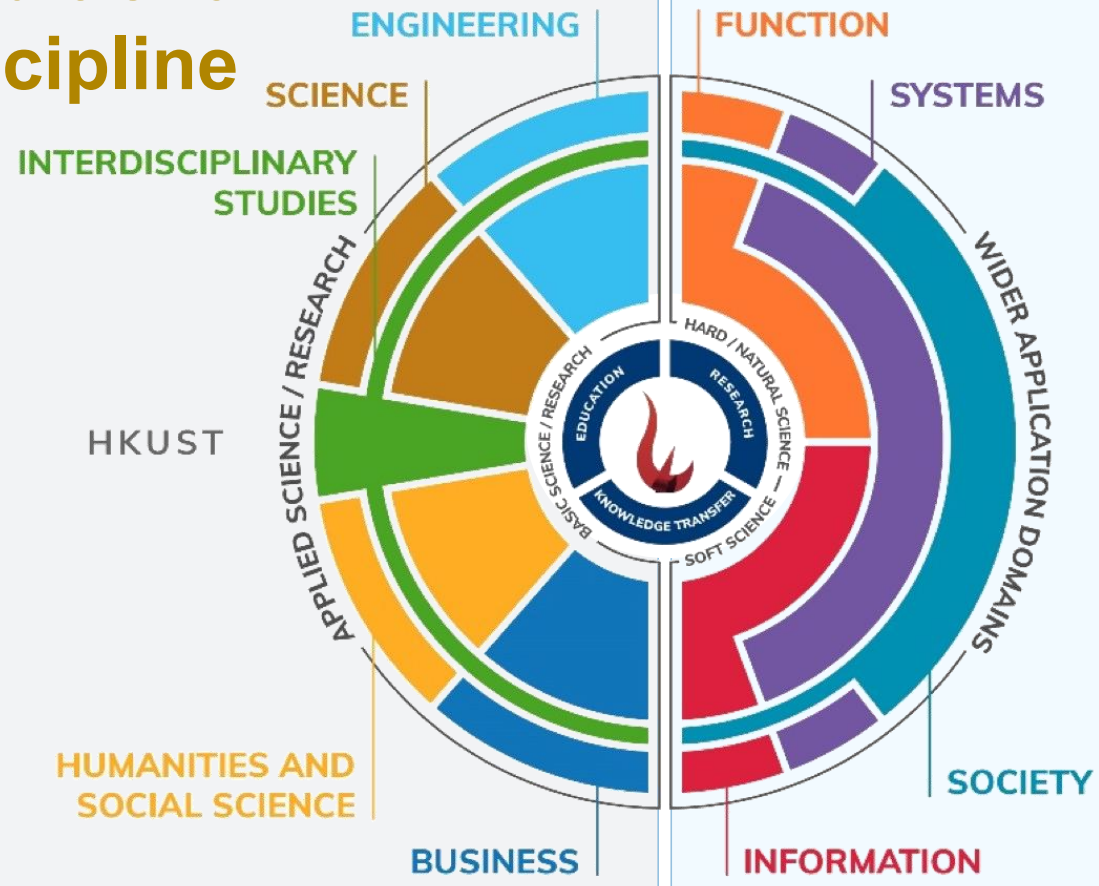


Where is HKUST (GZ)?



HKUST(GZ) Interdisciplinary Structure

Traditional Discipline



Constructing academic structure from the

Core Issues essential for social development:

- **Achieve** specific functions - **FUNC** Hub
- **Promote** Information Flows - **INFO** Hub
- **Build** System Frameworks - **Systems** Hub
- **Address** Society Challenges - **Society** Hub

HKUST(GZ) Cross-Disciplinary Structure



Breaking Boundaries of Disciplines

Cross-Disciplinary Areas to Support Critical Societal Needs

Earth, Ocean and Atmospheric Sciences	Data Science and Analytics	Bioscience and Biomedical Engineering	Innovation, Policy and Entrepreneurship
Sustainable Energy and Environment	Computational Media and Arts	Robotics and Autonomous Systems	Urban Governance and Design

Cross-Disciplinary Clusters

Advanced Materials	Artificial Intelligence	Intelligent Transportation	Financial Technology
Microelectronics	Internet of Things	Smart Manufacturing	Carbon Neutrality and Climate Change
FUNH	INFH	SYSH	SOCH

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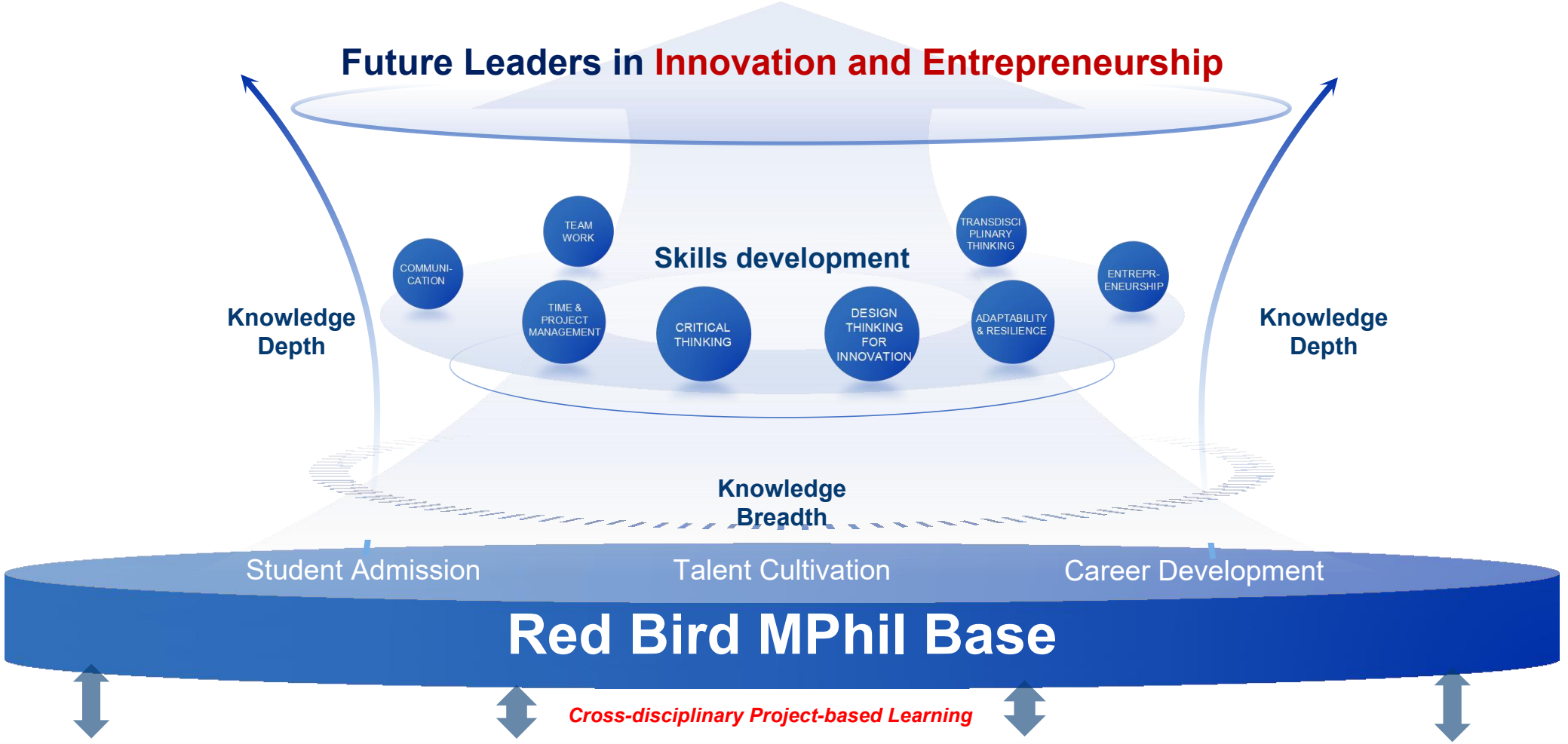
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02

About RBM

RBM - Innovative Paradigm Shift for Interdisciplinary Talent Development



FUNH		INFH		SYSH		SOCH	
Earth, Ocean and Atmospheric Sciences	Sustainable Energy and Environment	Data Science and Analytics	Computational Media and Arts	Bioscience and Biomedical Engineering	Robotics and Autonomous Systems	Innovation, Policy & Entrepreneurship	Urban Governance and Design
Advanced Materials	Microelectronics	Artificial Intelligence	Internet of Things	Intelligent Transportation	Smart Manufacturing	Financial Technology	Carbon Neutrality and Climate Change

Student-Centered Project-Based Learning (A Triad-Supervisor System)

Timeline	Phase 1 (6 months)	Phase 2 (18 months)
RBM Student	**Project Definition, Exploration, Team Formation** • Student-Initiated Independent Exploration • Cross-disciplinary collaboration for solutions	**Project Execution** • Group Project (Cross-disciplinary team） • Individual Thesis Research • Transferable skills development • Biweekly updates and feedback on progresses **Every student MUST PASS PQA, then can enroll in a thrust.*
Project Supervisor Transferable Skills	**Cultivate Transferable Skills Aligned with Project Initiation**	**Design Thinking Courses** **RBM T&L Report on PBL** **Develop transferable skills while executing project**
Academic Supervisor Research in a specific area	Professional Knowledge (Optional)	**Academic Supervision & Professional Knowledge Learning**
Industry Advisor Industry Perspective and Practice	**Identify and Explore Problems Targeting at Real-world Pain Points**	**Practice Bases and Onsite Experiments, Field-Testing, etc.**

PQA

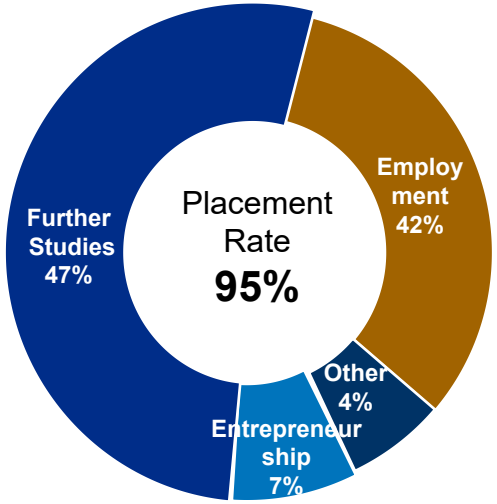
Mid-Point

Project Closing Period

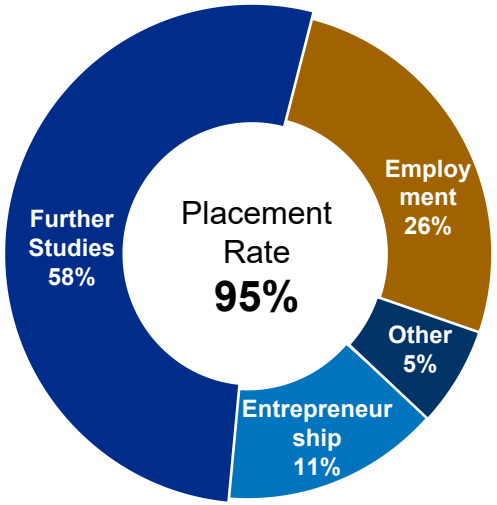
Thesis Defense

Multi-Dimensional Student Career Development

2025 Red Bird MPhil Graduates *(322 Students)*



2024 Red Bird MPhil Graduates (222 Students)



➢ Further Study

Stanford University, University of Cambridge, University of Oxford, ETH Zurich, National University of Singapore, Peking University, Tsinghua University, University of California Los Angeles, University of Hong Kong, Chinese University of Hong Kong, HKUST, University of Melbourne, Technical University of Munich, etc.

➢ Employment

Huawei, Tencent, Alibaba, ByteDance, BYD, CATL, Baidu, China Telecom, China Southern Power Grid, Bank of China, China Development Bank, Midea, NIO, PwC, TP-Link, etc.

➢ Entrepreneurship (e.g.)

Start-up Company/Project Name
Humanoid Robot for Education Scenarios
Delivering Happiness: HKUST(GZ) Smart Delivery System
Flexible All-Pass Robot
Jacobi.ai
AI-Powered Personalized Learning Companion for Lifelong Growth
Multimodal AI Agent for Smart Home & Physical Space Automation
Next-Gen Carbon Capture & Green Energy Utilization System
Holographic Emotional AI Companion for Mental Well-being
Urban Mobility AI: Smart Public Transport & Commuting Innovation
AI-Driven Precision Material Design for Advanced Batteries

40+
startup projects fostered

200+
faculty & students engaged

¥100M+
project valuation

20+
domestic & international awards

The Bridge Program

- The Bridge Program is an **extension of the Red Bird MPhil (RBM) cultivation system** in the field of innovation and entrepreneurship. It aims to systematically enhance the **innovation and entrepreneurial capabilities of RBM students** and cultivate globally-minded technology innovators and entrepreneurial leaders.
- Through a phased **12-month training process**, the program promotes **RBM graduates' comprehensive abilities and transferable skills**, facilitating their transformation into impactful entrepreneurial successes.



One-Stop Empowerment for Your Startup Journey

Objective：

- ✓ Cultivate **Entrepreneurial Leaders.**
- ✓ Validate Startup projects with **prototypes and market testing.**
- ✓ Enhance **market competitiveness** and attract investment



Project Selection & Onboarding

- Startup selection and entry into Lab of Future Technology

Funding Support

- Team personnel Project development funds

Space &Facilities

- Workspaces/discussion rooms
- Prototyping and R&D equipment

Project Management

- Milestone review
- Progress review and evaluations

Entrepreneurship Resources

- Investors & angel funds
- Industrial chain
- High-quality incubators

Entrepreneurship Mentors

- University professors, industry experts, renowned investors, successful entrepreneurs

Entrepreneurship Academy

- Bridge Course & Forum (Entrepreneurial thinking & business operation)
- Bridge Trip (Industry immersion & networking)
- Bridge Camp (Startup acceleration)

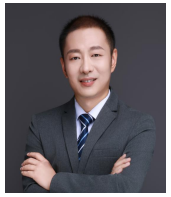
Mentors


Quanlian ZHU


Qiankai ZHONG


Wenwei WANG


Jintao FAN

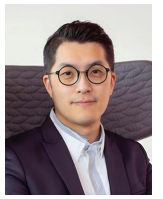

Qian WANG


Hongbo GUO


Jinglei YANG


Min GAO


Mike LU


CHI WAI LEE

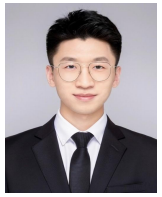

Xudong WANG


Man CHAN


Yu BAI


Dongfu LI


Dong LU


Tongge HUANG


Landu JIANG


lujia WANG


Jinni ZHOU


Bjinni LI

Achievements of The Bridge Program

The Bridge Program has run for two cohorts since its launch in 2024, incubated over 40 entrepreneurial projects, and involved more than 200 faculty and students.







Multiple projects have secured **million-level financing**, achieved **valuations exceeding RBM 100 million**, and generated **ten-million-level / million-level revenue**.

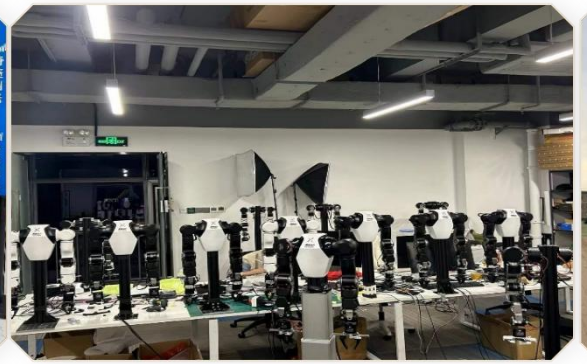
The program has won over **30 domestic and international awards**, including the **CES Innovation Award (USA)**, **Gold Medal at the International Exhibition of Inventions of Geneva**, and GAC Scholarship, with **13 invention patents** applied for in total.

Currently, **more than ten project teams** are actively advancing **commercial operations and financing matchmaking**, fully demonstrating their systematic capabilities and practical achievements in translating technological innovation into commercialization.













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03

Nomination Admission

Admissions Overview - 2027 Fall

*Students are **admitted centrally** through University based admission to the **Master of Philosophy (General) Program.**

By the end of the Fall Term, students will declare entry into **one of the 16 Master of Philosophy programs** offered by the Thrusts:

1	Program	MPhil, Full-time, 2 Years , English Teaching
2	Studentship	CNY 10,000 per month, up to 2 years ≈USD: 18,000/year
3	Tuition Fee	CNY 60,000 per academic year ≈USD: 9,000/year
4	Application	Rolling Based Admission

16 Master of Philosophy programs in HKUST(GZ)	
FUNCTION HUB	Master of Philosophy in Advanced Materials
	Master of Philosophy in Earth, Ocean and Atmospheric Sciences
	Master of Philosophy in Microelectronics
	Master of Philosophy in Sustainable Energy and Environment
INFORMATION HUB	Master of Philosophy in Artificial Intelligence
	Master of Philosophy in Computational Media and Arts
	Master of Philosophy in Data Science and Analytics
	Master of Philosophy in Internet of Things
SYSTEM HUB	Master of Philosophy in Bioscience and Biomedical Engineering
	Master of Philosophy in Intelligent Transportation
	Master of Philosophy in Robotics and Autonomous Systems
	Master of Philosophy in Smart Manufacturing
SOCIETY HUB	Master of Philosophy in Carbon Neutrality and Climate Change
	Master of Philosophy in Financial Technology
	Master of Philosophy in Innovation, Policy and Entrepreneurship
	Master of Philosophy in Urban Governance and Design

2027Fall Nomination Admission Timeline at a Glance

NOV 2026 → SEP 2027

Start with your home university.

Each partner university has its own internal selection timeline — please contact your home university to register interest. The HKUST(GZ) will start review and admission process only after nomination lists are confirmed.

HOME UNIVERSITY SELECTION | NOMINATION & ONLINE APPLICATION | OFFER & ENROLMENT

1. **Nov 2026** — Promotion opens — register for RISE Week
2. **Dec 2026** — RISE Week — 7–10 days on HKUST(GZ) campus in China
3. **Jan 2027** — Info sessions & nomination admission sign-up — apply to your home university for nomination
4. **Feb 2027** — University submits nomination list to HKUST(GZ) — applicants submit online application
5. **Mar 2027** — Online application system closes — HKUST(GZ) reviews application and nomination materials
6. **Apr–May 2027** — Conditional offers released — accept offer & pay deposit
7. **Jun 2027** — Apply for student visa
8. **Jul 2027** — Complete official document verification (degree certificates, transcripts, etc.)
9. **Aug 2027** — Registration, arrival on campus & orientation
10. **Sep 2027** — Semester begins

Dec 2026

RISE Week on campus — experience the programme before applying

Early 2027

Your home university submits the nomination list to HKUST(GZ)

Apr 2027

Conditional admission offers are released to nominated applicants

Sep 2027

Enrolment and orientation week at HKUST(GZ)

Submit your HKUST(GZ) application **at any time — the 2027FALL online admission system is already open and will close on March 1, 2027**.

If your university nominates you, the same application is assessed through the **nomination channel**; if not, it follows the **regular selection and interview process**.

Nomination Quota & Selection Process

QUOTA PER PARTNER UNIVERSITY

5 nominated students

The nomination quota is confirmed jointly by HKUST(GZ) and your home university before the nomination round opens.

WHO CAN BE NOMINATED

- Final-year bachelor student at a partner university, expected to graduate by July 2027
- All other criteria (GPA, etc.) follow your home university's own requirements for nomination
- Your home university is responsible for pre-screening and ranking candidates before submitting the list to HKUST(GZ)
- **No specific undergraduate major is required** for this interdisciplinary MPhil program.

Please note: Nomination is a priority channel — not a guarantee of admission.

Tuition, Scholarship & Costs

COST OF STUDY · 2027 FALL ENTRY

ITEM	COST / YEAR (CNY)	COST / YEAR (USD)	REMARK
Application fee	150	22	One-time fee paid at the time of application
Tuition fee	60,000	9,000	Paid in full for the academic year upon registration
Accommodation	2,880 – 16,800	420 – 2,500	Energy charges included; varies by room type selected
General cost of living	36,000	5,400	Based on a standard daily meal allowance of CNY 100
Health insurance	800	120	Paid after registration, required once after enrolment
Visa fee	Varies	Varies	Subject to the consulate's notice for your country
Travel tickets	Varies	Varies	Average range of a round-trip flight to Guangzhou
Total annual cost (estimate)	**100,000 – 114,000**	**15,000 – 17,000**	**Tuition + accommodation + living + insurance, per academic year**
Postgraduate studentship (annual)	**120,000**	**18,000**	**RMB 10,000 / month for up to 24 months in total · automatic for all full-time RPg students**

ACCEPTING THE OFFER

Confirm acceptance by paying the first half tuition fee of **RMB 30,000** within two weeks of offer issuance. If you decline before the programme starts, **90%** is refundable under university rules.

Studentship

RMB 10,000 per month for up to 24 months, automatic for all full-time RPg students — no separate application. The first payment is disbursed **at the end of the first month after September enrolment.**

OTHER COSTS UPON ARRIVAL

One-off expenses including visa renewal fee, bedding, insurance and first 3–4 weeks of meals typically total under RMB 4,000. Accommodation fee is deducted monthly from the scholarship.

Exchange rates based on data as of 2 Nov 2026 · Subject to change

RISE Week — Experience the Campus First

DECEMBER 2026 · 7–10 DAYS

RISE Week in the Greater Bay Area

An immersive, fully guided week at the HKUST(GZ) campus in Guangzhou, China. Nominated students join PBL experience, laboratory visits, company visits and culture exploration across the Greater Bay Area — **the fastest way to decide whether the RBM program fits you.**

WHEN
Dec 2026
7–10 days, dates confirmed in Nov

WHERE
HKUST(GZ), Guangzhou, China
plus Shenzhen & Guangzhou visits

PLACES PER UNIVERSITY
3 students + 2 alternates
nominated by partner university

REGISTER BY
20 November 2026
late registrations are subject to availability

RISE Week Programme fee is waived for nomination partner university students, including accommodation, airport pickup & transportation in China.

Students cover: *round-trip airfare to Guangzhou, visa, insurance and meals.*

WHAT THE WEEK INCLUDES

01 Campus & laboratory tour
Red Bird MPhil base, maker spaces and world first class tech labs.

02 Project Based Learning (PBL) experience
Experience PBL by design thinking training and real industry exploration

03 Faculty & students interactions
Close interaction with HKUST(GZ) faculty and students in PBL experience

04 Industry immersion
Company visits in Shenzhen and Guangzhou with RBM project supervisors.

05 Cultural exploration
Campus life, accommodation viewing and a city orientation walk.


PBL Experience


Chinese Culture Exploration


Tech Innovation Company Visits


Interaction with Faculty & Students



Greater Bay Area location

HKUST(GZ) sits in Nansha, Guangzhou — a 45-minute high-speed rail ride to Hong Kong, with easy access to Shenzhen innovation hubs and Pearl River Delta industry clusters.

Online Application — Five Simple Steps

Submit through the Online Admission System (OAS)

Both nominated and regular applicants complete the same online application. **One account, one submission — every applicant must apply through the system individually.**

PORTAL **Online Admission System**

OAS

Guideline

Upload and submit as many available materials as possible (e.g. certificates, awards, publications) — a complete submission will strengthen your application.

STEP 01

Create your account

Register with any valid email address. Use the same legal name as on your passport — **do not create a second account** if you have already started.

STEP 02

Select the programme

Choose **Master of Philosophy (General)** — this is the Red Bird MPhil entry.

STEP 03

Fill in Online Application Information

Fill in your personal and academic information in OAS.

STEP 04

Upload supporting documents

Current enrolment certificate, official transcript, degree certificate (if already graduated), CV, passport copy, certificates, awards, publications if any.

STEP 05

Pay and submit

Settle the **RMB 150** application fee, then submit. Track your status in the portal and email inbox.

REQUIRED DOCUMENTS

Prepare your current enrolment certificate, official transcript, CV, degree certificate (if graduated), and passport copy.

REFERENCE LETTER

Optional, but strongly recommended — if you have one, we encourage you to submit it. You may key in "NA" if you do not have one ready.

RESEARCH PROPOSAL

Optional, but strongly recommended — if you have one, we encourage you to submit it. You may key in "NA" if you do not have it.

AFTER SUBMISSION

You cannot submit a second application. To update documents after submission, upload replacements through the supporting documents section or contact us.

Frequently Asked Questions

NOMINATION

Does nomination guarantee admission?
No — nomination fast-tracks review only. Admission is rolling and the final academic decision rests with HKUST(GZ).

How many students may we nominate?
Up to five nominees per partner university, per intake.

Can a student apply without nomination?
Yes — through the OAS general application.

What if the GPA is slightly below 3.0?
All selection criteria (GPA, etc.) follow your home university's own requirements for nomination

When is the nomination result known?
After receiving nomination from your home university, it takes usually a month for HKUST(GZ) review.

FUNDING

How much is the scholarship?
RMB 10,000 per month for up to 24 months, awarded automatically to all full-time RPg students.

Is the scholarship guaranteed?
Yes for full-time RPg students — it is automatic, with no separate application required.

Are other funding sources available?
Yes — international students may apply for the Guangdong Provincial scholarship, RMB 20,000 a year.

When is the deposit due?
On accepting the offer: you confirm by paying the first half tuition fee of RMB 30,000.

Is the deposit refundable?
Yes — if you decline before the programme starts, 90% is refunded under university rules.

PROGRAMME

How long is the programme?
Two years, full-time — a research degree (RPg) with research work and a thesis.

What language is used for teaching?
English.

Which degree is awarded?
A Master of Philosophy (MPhil) , with the thrust you enrolled.

Is a thesis required?
Yes — MPhil candidates carry out research and prepare a thesis under academic supervisor.

Can I change discipline?
Yes — entry is by broad area; your specialisation is set by the academic supervisor you match after six months.

CAMPUS LIFE

Is on-campus accommodation available?
Yes — housing is available on campus; applications open after online registration.

What is the monthly cost of living?
About RMB 3,000–4,500 a month, covering accommodation, meals and local transport.

Do I need Chinese language skills?
No — teaching and assessment are in English; basic Mandarin helps with daily life.

Can I take part-time work or internships?
Internships are allowed with prior approval; full-time RPg students may not take other outside work.

What support is there for international students?
We are dedicated to assisting with visa applications and helping students adjust to studying in a new country, to ensure a smooth transition for all of our students. Please find more: https://studyathkustgz.hkust-gz.edu.cn/

For more frequently asked questions, please refer to the website: https://cft.hkust-gz.edu.cn/rbm-program/admission/admission-faq/ :

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04

Campus Facilities

Campus Photos









Phase I : 630,000 m²
Phase II : 730,000 m²







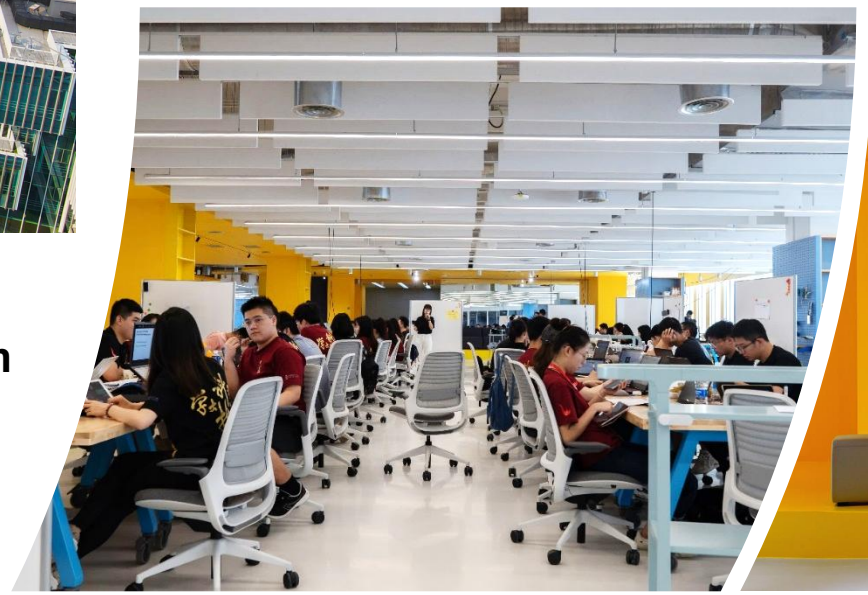
Maker Space



6F：RBMS Cottonwood Mega Classroom
5F：RBMS Sycamore Mega Classroom
4F：RBMS Poplar Mega Classroom









Maritime, Land,

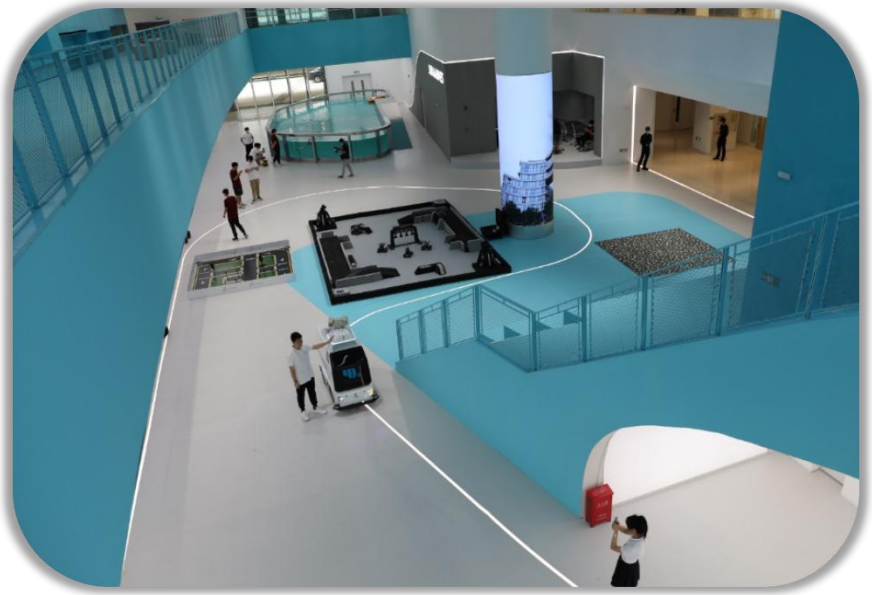
Maritime, Land, & Air Maker Space Exhibition & Research：

- Automobile
- Drone
- Unmanned Surface Vehicles









RBMS - Red Bird Maker Space Workshops

The Red Bird Maker Space workshops are designed for project-based experimental teaching, following the philosophy of “learning by doing” and “applying knowledge in practice”.

Carpentry and 3D Modeling Workshop

This workshop is equipped with a variety of processing equipment and tools, emphasizing the improvement of students' hands-on skills and practical operations.



Machining and Fabrication Workshop

The Machining and Fabrication Workshop specializes in machining processes, capabl of producing precision components and creative cardboard models.



Precision Measurement and Electronic Workshop

This workshop focuses on measurement and control, involving the four major disciplines of optics, mechanics, electronics, and computer science.



Materials Preparation Workshop

This workshop enables students to design and build material synthesis equipment, supporting sample pretreatment, microstructure analysis, and property characterization.



AI Computer Workshop

This space is dedicated to support machine learning, computational modeling and navigation & positioning, and improving students’ project practice skills.



Multi-media Workshop

This workshop focuses on photography, videography, audio, and other multimedia production, providing students with equipment and professional post-production software.



Facilities and Equipment for Educational Research

Lab of Future Technology (LFT) equipped with world-class research facilities and advanced experimental spaces, LFT covers cutting-edge fields such as **autonomous robotics**, **advanced materials**, **intelligent manufacturing**, **smart sensing**, and **health technologies.**

central education felicity

Number of Equipment
245

Equipment Value
RMB 44M+

E3-121 (Dry Lab)
240㎡

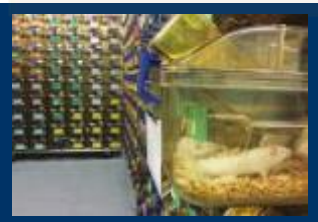
W2-421 (Dry Lab)
560㎡

W2-625 (Wet Lab)
400㎡



HKUST(GZ) CRF

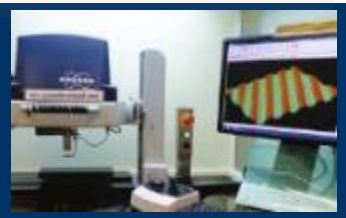
HKUST CRF



Laboratory Animal Facility(CWB)



Biosciences Central Research Facility(CWB)



Materials, Design and Manufacturing Facility(CWB)



Materials Characterization and Preparation Facility(CWB)



Data Center (CWB)



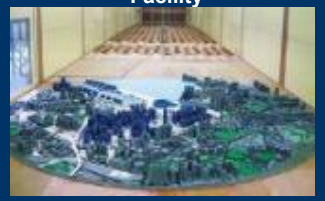
Nanosystem Fabrication Facility(CWB)



Environmental Central Facility



Geotechnical Centrifuge Facility



Aerodynamics and Acoustics Facility



Ocean Research Facility

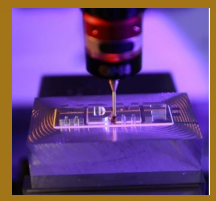
HKUST(GZ) CRF



Laboratory Animal Facility (GZ)



Biosciences Central Research Facility (GZ)



Materials, Design and Manufacturing Facility (GZ)



Material Characterization and Preparation Facility (GZ)



IT Central Research Facility



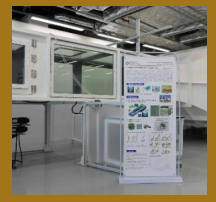
Nanosystem Fabrication Facility (GZ)



Wave Functional Metamaterial Research Facility



Novel IC Exploration Facility



Bio-inspired Engineering Research Facility



Multi-functional Polymeric Membranes Research Facility



Sustainable Atmospheric Environment Research Facility



Earth and Environmental Systems Research Facility



Dynamic Reconstruction and Applied Meta Studio



Marine Hydrodynamic Research Facility



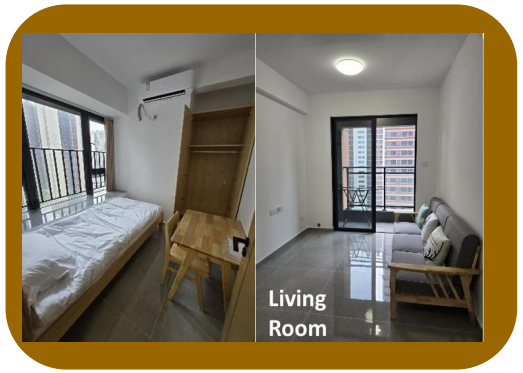
Marine Hydrodynamic Research Facility

*Research facilities at both the Guangzhou and Clear Water Bay campuses are shared among researchers, with non-redundant large equipment, and open for use by the industry and other universities.

Dormitory

Area	Room Type	Unit	Rent (¥)
On-campus Residential Area South District	8 rooms apartment, or ADA 7 rooms apartment	per room	6960/year 580/month
	6 rooms apartment	per room	7560/year 630/month
	Studio or ADA studio	per studio	10,200/year 850/month
	1 room suite, or ADA studio	per suite	13,200/year 1100/month
Off-campus Residential Area Qingan Gardan	3 rooms apartment	per room	7 ㎡: 580/month 3 ㎡: 240/month
	2 rooms apartment	per room	580/month
	Couple apartment	per apartment	1400/month





*All arrangements are subject to the official website info. Learn more:
Enquiry: studentquarter@hkust-gz.edu.cn

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

红鸟硕士基地
BASE OF RED BIRD MPHIL
未来技术学院
COLLEGE OF FUTURE TECHNOLOGY

WE ARE HERE TO HELP

Contact Us

PROGRAMME OFFICE	Base of Red Bird MPhil, HKUST(GZ) No.1 Duxue Road, Qingsheng, Nansha, Guangzhou
EMAIL	rbmadmit@hkust-gz.edu.cn Nomination and application enquiries · reply within 3 working days
WEBSITE	https://cft.hkust-gz.edu.cn/rbm-program/ Programme overview, handbook and application checklist
APPLICANT GROUP	Scan the QR code to join Nomination and application enquiries in timely manner

RBM WEBSITE

WhatsApp GROUP