HKUST（GZ）"Pilot Project" for MPhil

length of schooling

MPhil: 2years

Entrance requirements

Bachelor degree (Awarded by credited academic institutions)
English level: TOEFL>80 or IELTS>6.5
Interview scores: Mini project Competition + oral speech + written report

Fee

HK $42,000 per year

Students grant

Generous policy for students

Learning path

	01/09/2022 -30/11/2022 (3 months)	01/12/2022 - 28/02/2023 (3 months)	01/03/2023	01/03/2023 - 31/08/2024 (18 months)	by 31/08/2024
Course work (3 credits)	University required course: Design Thinking		Project Quality Exam (PQE)	Thesis Research & Group Project Exacution	Thesis Defence
Course work (3 credits)	University required course: Research Methodology				
Course work (1 credits)	Seminars of various subjects by professors engaged in the degree program			Thurst/Hub required course work	
Course work (0 credits)	Industry visits - Industry Advisors				
Student group effort	Student grouping & Re-grouping	Academic supervisor is identified*		Seminars of various subjects	
	1st Survey Report	2nd Survey report & 1st Research Proposal			

First stage：Establish a sense of innovation、cultivate a people-oriented concept、
- social research、collect information、raise a question、define the question、develop research plan
- required courses，academic lecture, internship in companies，determine the tutor，group be formed

Second stage：research on science and technology, deep understanding on theory
- merge knowledge from different disciplines, explore method to solve problems
- make progress on coalition of industy and education, with project practice

* After the academic supervisor of a student is identified, the student will be registered in and become a student of the Thrust of the supervisor.
* 学生的学术导师确定后，学生将在导师所在学域注册并成为该系的学生。

Mission-driven PG Education

- Themes: Human Capital; Sustainable Living; Intelligent Industrialization

- Central Education Facilty (CEF)

CEF
of Future
Healthcare

CEF
of Sustainable
Development

CEF
of Intelligent
Industrialization

Base for PG Education Innovation (PGE Base)

Mission-driven PG Education

Example for the sake of discussion

Theme: Human Capital
- Future Healthcare Tech.

X-disciplinary Project:
- Internet of Medical Things
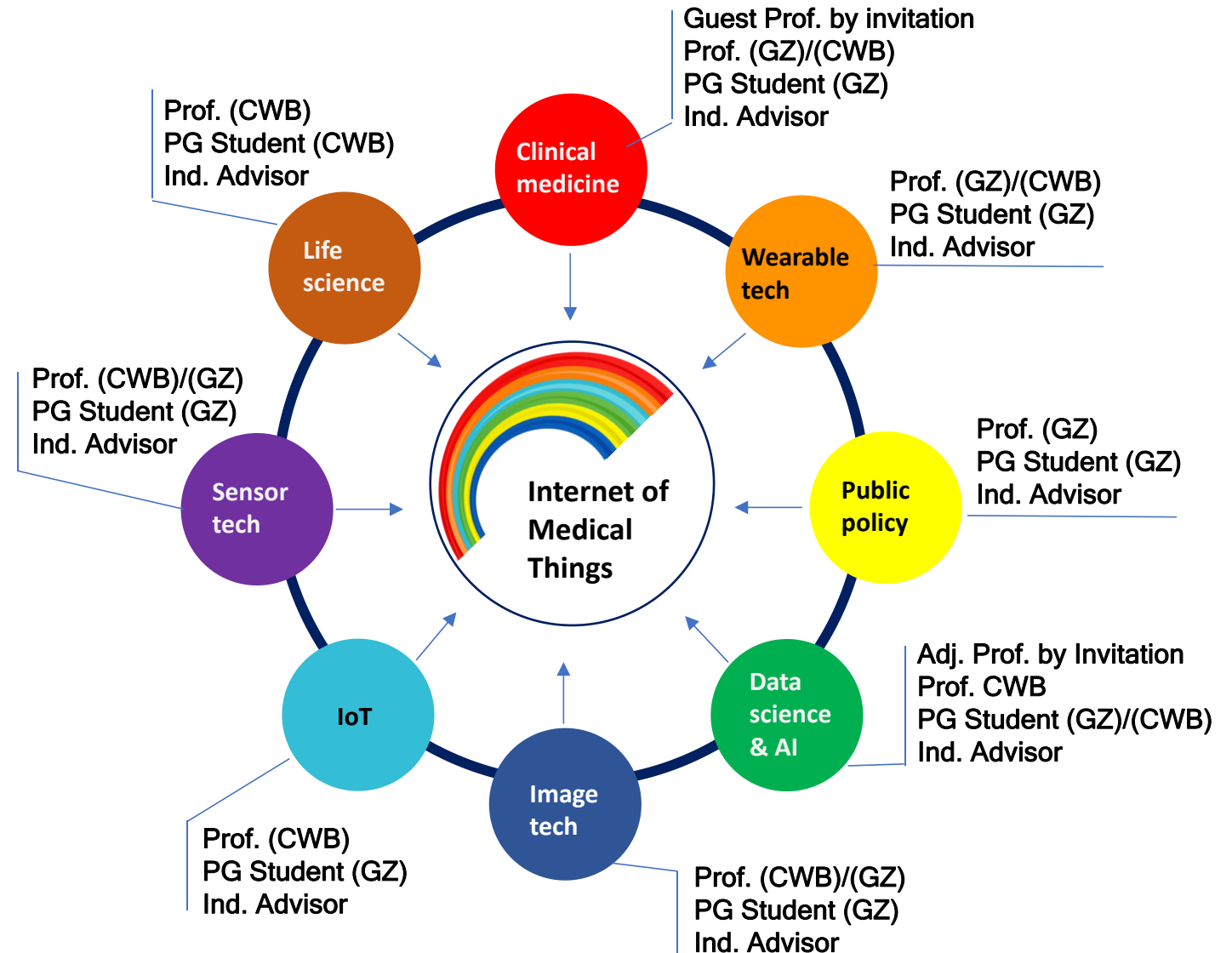
Subject of PG Study:
- Internet of Things
- Clinical Medicine
- Life Science
- Wearable Tech.
- Sensor Tech.
- Data Science
- Public policy
- Image Tech.

Thesis committee:
- Multi-disciplinary supervisors
- Collaboration of supervisors
- Industrial advisor

Teamwork of students
- Distinctive research subject
- Responsibility & accountability
- System thinking, etc.

Clinical medicine
- Guest Prof. by invitation
- Prof. (GZ)/(CWB)
- PG Student (GZ)
- Ind. Advisor

Life science
- Prof. (CWB)
- PG Student (CWB)
- Ind. Advisor

Wearable tech
- Prof. (GZ)/(CWB)
- PG Student (GZ)
- Ind. Advisor

Sensor tech
- Prof. (CWB)/(GZ)
- PG Student (GZ)
- Ind. Advisor

Public policy
- Prof. (GZ)
- PG Student (GZ)
- Ind. Advisor

Internet of Medical Things

IoT
- Prof. (CWB)
- PG Student (GZ)
- Ind. Advisor

Image tech
- Prof. (CWB)/(GZ)
- PG Student (GZ)
- Ind. Advisor

Data science & AI
- Adj. Prof. by Invitation
- Prof. CWB
- PG Student (GZ)/(CWB)
- Ind. Advisor

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Application flow for 2021

Research Themes select		Mid of June	1st Sep	15th Dec	10th Oct — —20th Dec	10th Oct —— 20th Dec	1st Sep 2022
		Summer camp	Start to apply	Deadline	Online interview	Rolling admissions	Semester begins
Theme one	Future Healthcare Tech	HKUST(GZ)Innovation Challenge Camp (cancelled because of COVID-19)	Application for Research Direction online(no need to confirm tutor)	Won't reopen unless there are extremely special circumstances	Short-listed	Receive offer or conditional offer	New school life!
Theme two	Sustainable Living						
Theme three	Intelligent Industrialization						

*Please follow the official website for the latest and the most accurate information

To answer the question

Teaching and Learning

- What we aspire to do in T&L:
    - ✓ a major contributor of worldwide education paradigm reformation
    - ✓ an international benchmark of pedagogy innovation
    - ✓ A catalyst of HKUST2.0

- How to learn from and collaborate with each other:
    Through mission-driven education programs,
    - ✓ to promote cross-disciplinary collaborations among faculty members of different fields in two campuses.
    - ✓ to create active learning environment to enable students' knowledge acquisition and competence improvement simultaneously.