

Programme Code:
JS1200 (JUPAS)/ 1200 (Non-JUPAS)

GREAT



Programme
information

Global Research Enrichment and Technopreneurship (GREAT)

[Majors: BSc Chemistry / BSc Computing Mathematics
/ BSc Physics + Global Research Enrichment and
Technopreneurship (GREAT)]

**For elite students who aspire to
change the world through science**

Prepared to be introduced to the new world of scientific discoveries and innovative technologies. Students of this Flagship Programme will study a tailored common first-year curriculum under the College of Science. After one year of study, they can freely choose their specialised GREAT streams offered by the Departments of Chemistry, Mathematics and Physics:

- Bachelor of Science in Chemistry (GREAT stream)
- Bachelor of Science in Computing Mathematics (GREAT stream)
- Bachelor of Science in Physics (GREAT stream)

Highlighted Features:

- **Inquiry-based** and **research-driven** learning
- **Mentorship** by world-renowned professors and experienced industrialists
- Special courses on **entrepreneurship, patent** and **business plan development**
- **Overseas** academic and research **exchange**
- **Research internship** at **world-renowned universities**
- **Internship** at technological start-ups
- **Guaranteed admission** to the respective PhD programme in Science (upon attainment of entrance requirements) for local students



GREAT students who are eager to start their entrepreneurship journey are highly encouraged to sign up for **HK Tech 300**, a large-scale flagship innovation and entrepreneurship programme organised by CityUHK. Upon successful enrolment, all eligible participants will be sponsored for an 8-week training programme to learn how to kick start their entrepreneurial journey from scratch, develop a business plan and deliver a pitch. Seed funds, angel funds, and external funds (up to HK \$100,000, HK\$1 million and HK\$10 million, respectively) will also be made available to potential start-ups.

Contact us:
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Admission Requirements

For admission to Bachelor's degree programmes at the University, applicants must meet the General Entrance Requirements AND programme-specific entrance requirements. The levels indicated are the minimum acceptable but possession of these qualifications in no way guarantees acceptance.



Programme-specific Entrance Requirements (with weightings applied)

English Language	Chinese Language	Mathematics	Citizenship & Social Development	Electives 1 & 2
Level 3 (Weighting: 2)	Level 3 (Weighting: 1)	Level 2 (Weighting: 2.5)	Attained	Level 3 in two electives from: <ul style="list-style-type: none"> Biology Chemistry Economics M1/M2 Physics (Weighting: 2.5)

For more information on admission requirements and entrance scholarships, please visit the Admissions Office's website at <https://www.cityu.edu.hk/admo>.

Study Plan:

	Year 1	Year 2	Year 3	Year 4
Study Plan	Tailor-made common first-year curriculum + Research Planning	Major courses + Independent scientific research		
Add-on	Academic advising & mentorship	<ul style="list-style-type: none"> Academic advising & mentorship Mentorship from industry elite 		
		<ul style="list-style-type: none"> Local internship in research institutes/technical startups in Summer Term 	<ul style="list-style-type: none"> Overseas internship in research institutes/technical startups in Summer Term 	<ul style="list-style-type: none"> International academic exchange in Semester A or B

Scholarships

The University offers various types of entrance scholarship for outstanding students enrolled in GREAT programme:

- Flagship Scholarships for local entrants
- CityUHK Scholarships for Hong Kong Talents
- Mr. and Mrs. Chan Kwok Kang Memorial Scholarship

Student Sharings

I am grateful for being nominated for a half-year internship at Cambridge University where I have gained practical skills for research in condensed matter physics. Under the guidance of my supervisors at Cambridge University, I have not only acquired hands-on experimental skills but also learned the importance of developing an intuitive understanding of the subject.

The GREAT programme has not only broadened my scientific knowledge but also provided me with a strong foundation in business and entrepreneurship. My time at Cambridge University has been a pivotal chapter in my life and career, and I am excited to see what I can achieve with the knowledge and experience gained here.

HO King Yin, Issac, BSc in Physics (GREAT Stream), Cohort 2021

The GREAT programme provides me with a wide variety of learning opportunities. This time, I am able to undertake the co-operative educational scheme for science students, working on a research project at the University of Oxford. Seizing this chance, I have actively tested out my hypotheses related to the research topic through experiments, acquiring a magnificent amount of knowledge. The knowledge, skills, and most importantly, the attitudes I developed here have shaped me into a more mature researcher.

The GREAT programme has offering me a treasurable opportunity to pave my way to academic success and nurture of a well-rounded self. My experience at University of Oxford is unquestionably full of life breakthroughs, and navigated me not only to become an entrepreneur, but also a well-rounded elite capable of leading the community.

LAM Ka Yin, Tasha, BSc in Chemistry (GREAT Stream), Cohort 2022

