

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



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:

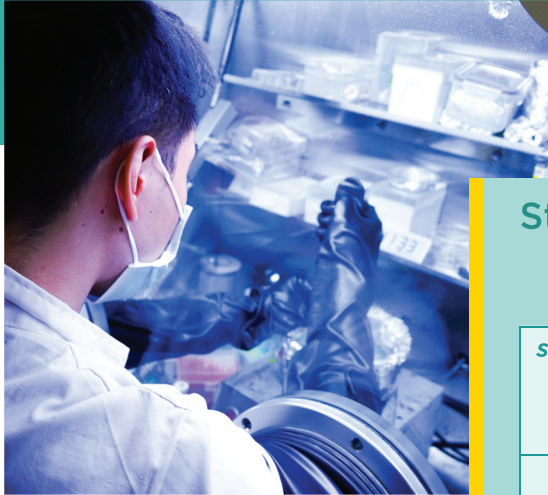
- **Inquiry-based** and **research-driven** learning
- **Mentorship** by world-renowned professors and experienced industrialists
- Special courses on **entrepreneurship, patent and business plan development**
- **Overseas** academic and research **exchange**
- **Research internship** at **world-renowned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



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.

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 <i>(Weighting: 2)</i> | Level 3 <i>(Weighting: 1)</i> | Level 2 <i>(Weighting: 2)</i> | Attained | Level 3 in two electives from: <ul style="list-style-type: none"> ▪ Chemistry ▪ M2 ▪ Physics <i>(Weighting: 2.5)</i> ▪ M1 <i>(Weighting: 2)</i> ▪ Biology ▪ Economics <i>(Weighting: 1.5)</i> |

For more information on admission requirements and entrance scholarships, please visit the Admissions Office's website at 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 scholarships to recognise outstanding students joining the GREAT programme:

- **Local entrants: CityUHK Flagship Scholarships**
- **International entrants: Entrance Scholarships and Diversity Grant**

Student Sharings



I am grateful for being nominated for a half-year internship at the University of Cambridge where I have gained practical skills for research in condensed matter physics. The GREAT programme has broadened my scientific knowledge and provided me with a strong foundation in business and entrepreneurship.

Issac, BSc in Physics (GREAT Stream), Cohort 2021



The GREAT programme enables me to work 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.

Tasha, BSc in Chemistry (GREAT Stream), Cohort 2022



Keith, BSc in Physics (GREAT Stream), Cohort 2022

Thanks to the Flagship scholarship, I have spent six months as a research intern at the University of Cambridge, working on magnetic nanomaterials under the supervision of knowledgeable researchers from the quantum materials and devices group. I gained hands-on experience with cutting-edge tools, including advanced microscopes and laser instruments.



Scan here to watch their videos!