

New undergraduate programmes of the College of Science, CityU

Global Research Enrichment and Technopreneurship (GREAT) (JS1200)

Quota: 18

With an emphasis on research and students' self-motivation, this new programme option integrates novel science knowledge and innovative technology. Upon completion of the essential science courses in the first year that help students identify their research interest and objectives, students may choose one of the GREAT streams offered by the Departments of Chemistry, Mathematics and Physics in Year Two. They will then conduct independent research projects of their choice under the supervision of renowned scholars. Through the College's arrangement, they will go overseas for academic exchange to broaden their international vision and enlighten their mind. During the summer, they will also have placement or internship opportunities in overseas or local technology startup companies to build up a network with the industries and understand the operation models of corporations. In addition, students will learn about patent applications, intellectual property rights, entrepreneurship and business plans. The programme aims to enable students to develop new technologies or products and launch them into the market. The curriculum is specially designed for students who are interested in pursuing a career in scientific research or starting business ventures.

For more details about the GREAT programme, please visit

<https://www.cityu.edu.hk/csci/academic-programmes/undergraduate-programmes/global-research-enrichment-and-technopreneurship-great>.

Double degree programme for Bachelor of Laws and Bachelor of Science in Computing Mathematics (JS1220)

Quota: 10

This law–math double degree programme is the first of its kind offered by universities in Hong Kong. According to the *Report on Manpower Projection to 2027* published by the Hong Kong SAR Government, there is an increasing demand in Hong Kong and the Greater Bay Area for professionals who are equipped with legal knowledge, particularly the rights of intellectual properties and patents, as well as knowledge about new technology and skills. In addition, the legal sector is looking for professionals who have received training on mathematical analysis ability. This double degree programme aims to fulfill market needs. By studying courses on law, mathematics and logic, students can acquire critical knowledge such as probability, statistics, quantitative analysis and formal logic. Their ability to analyse and handle related legal cases can enhance their competitiveness in employment market.

For more details about the double degree programme for Bachelor of Laws and Bachelor of Science in Computing Mathematics, please visit

https://www.cityu.edu.hk/ma/ug/law-math_doubledegree.htm.

Joint Bachelor's degree programmes

Quota: 20

With the aim of expanding students' international exposure through cross-cultural studies, CityU has been working with top overseas universities such as Columbia University in the US to offer joint bachelor's degree programmes. Two new partners, the University of Edinburgh and the University of Manchester in the UK, will collaborate with CityU's College of Science to offer joint degree programmes in the coming academic year. Students majoring in computing mathematics can choose to study at the University of Edinburgh and students majoring in chemistry can study at the University of Manchester. They will take courses at CityU in the first two years and then complete the remaining two years at the overseas institutions. After fulfilling the degree requirements, they will receive two bachelor's degrees, one from CityU and the other from the partner university.

For more details about the joint bachelor's degree programmes offered by CityU's College of Science and prestigious overseas universities, please visit

<https://www.cityu.edu.hk/csci/academic-programmes/joint-bachelors-degree-programmes>.