

City University of Hong Kong Summer Research Internship Programme 2024 (in-person)

Programme Overview

City University of Hong Kong (CityU) Summer Research Internship Programme allow students to have a hands-on experience in conducting scientific research in your field of study. It aims to provide student with the opportunity to conduct a research project for widening their horizon and applying their knowledge practically. Cultural activities and industrial visit will be organised to give participants a brief understanding of industrial establishments in Hong Kong as well as have a taste of Chinese culture.

Website

<https://www.cityu.edu.hk/csci/global-outreach/student-exchange/summer-exchange-programme/inbound-summer-exchange-programme>

Location

This programme takes place in Hong Kong.

Dates

3 June – 2 August 2024 (9 weeks)

Credit Transfer

This programme can be mapped to a 4 units Science dummy exchange course code counting towards unrestricted elective.

For mapping to the UROPS course code, Life Sciences and Physics majors can map to LSM3288 and PC3288 respectively. For all other majors, please do check with the respective departments' UROPS Coordinators.

Do note that additional assessment may be required from the student by the NUS department for transferring of credits to a UROPS course. Not all UROPS course code can be counted towards major requirements. Please check what requirements the UROPS will count towards and if you are unsure, please check with your department.

Students can transfer a total of 12 units from a maximum of 2 overseas summer/winter programmes without having to pay tuition at NUS during their course of study. Any additional units mapped will be subjected to NUS Special Term fees.

[Course mapping and credit transfer for online summer programmes is not allowed.](#)

Eligibility Criteria

NUS students must:

- Be a full-time Faculty of Science student.
- First major is a Science major.
- Have a clean disciplinary record.
- Year 1, Year 2 and Year 3 students may apply
- Minimum GPA of 3.0
- Be fully vaccinated
- Not intending to graduate at the end of AY23/24 Semester 2
- Not be National Servicemen who are called up for In-Camp Training (ICT). Deferment letter will not be provided.

Number of places

There are 6 places available.

Programme Cost

Students do not need to pay NUS Special Term fees or tuition fees to CityU if they do not exceed the credits transfer limit stated under the section "Credit Transfer" above. However, students are responsible for their own airfare, accommodation, meals, personal expenses, etc.

Estimated cost (*Please note that the figures provided are only estimates*)

*Below cost estimates does not include COVID-19 tests and quarantine cost

Item	Cost
Return Airfare	SGD500
Accommodation	SGD3,000

Food and Transport	SGD2,000/month
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Please visit [SRO website](#) for further information regarding on-campus lodging. On-campus residence will be arranged for successful applicants, subject to availability of hostel places.

Financial Assistance

Click [here](#) to find out more about the various financial assistance schemes offered by NUS.

Programme Application Procedure and Deadline

Login to [Education Records System \(EduRec\)](#) and submit your application under External Study Type “Research Attachment/Internship/Industrial Attachment”, External Study Setup ID: **02629**. Please refer to [Guide for Student Programme Application](#) BEFORE your application. You will need to log on to [NUS WebVPN](#) before accessing the Guide and EduRec.

Application Deadline: **21 December 2023, 11:59pm Singapore Time**

Documents required (upload into your online application in EduRec):

1. Latest NUS unofficial transcript (downloadable from EduRec).
2. Curriculum Vitae. Highlight any prior research experience that you may have to support your application.
3. Personal Statement, indicating your 5 project choices in order of preference, including your area of research interest and why you are interested in the mentioned projects.

Note:

- Admission into the programme is at the discretion of City University of Hong Kong
- Allocation of project is done by CityU

If you face difficulties uploading the documents, email the required documents to SCI SAP Team (scisap@nus.edu.sg) instead by **21 December 2023, 11:59pm Singapore Time**.

Applications would be deemed incomplete even after submission if the required documents are not received by the stipulated deadline, and therefore disqualified from the application.

To be fair to students who abide by the deadline, incomplete or late application will strictly not be considered.

Insurance

All students travelling overseas for activities or purposes approved, endorsed, organised, sponsored or authorised by NUS will be covered by the NUS Student Travel Insurance Policy. Click [here](#) for more information.

Exclusions to the NUS Student Travel Insurance may apply. Students are to ensure that they have sufficient travel insurance coverage, and may consider purchasing additional travel insurance if required.

Contact Details

If you have any questions, please submit your enquiry via the MS Form [here](#).

CityU Summer Research Internship Programme 2024 - Project List

Department	Project Title	No. of Vacancy
Chemistry	Aquatic animal forensic imaging and health assessment	1-2
	Using computers to study organic reactions	1
	Using computers to study the structures of molecules	1
	Computer simulations of material surfaces for catalytic reactions	1
	Computer simulations of metal complexes for biomolecular chiral differentiations	1
	Development of high-voltage additives for Li-ion batteries	1
Mathematics	Mean field game and its applications	1
	Sensitivity of complex systems to random forces	1
	Color models and applications to image processing	1
	PDE identification from single noisy solution trajectories	1
	Vectorial total variations: theory, algorithms, and applications	1
	Deep Learning and Scientific Computing	1
Physics	Manipulating liquid through interfacial assembly	3
	Computer simulation of polymer knots	1
	Molecular dynamics of DNA	1
	Theoretical investigations on novel phases of quantum matter (such as time crystals or fractional Chern Insulators)	2
	Near-term quantum devices: qubits, control, and algorithm realization	5
	Dark Matter Radar: A bot to spotlight arXiv pre-prints on research in dark matter	1