

Overseas Summer Undergraduate Research Opportunities Programme in Science (UROPS) at St John's College, University of Cambridge 2024 (in-person)

Programme Overview

The University of Cambridge is one of the world's oldest universities and leading academic centres, with more than 18,000 students from all walks of life and all corners of the world, over 11,000 staff members and 31 Colleges. Its reputation for outstanding academic achievement is known world-wide and reflects the intellectual achievement of its students, as well as the world-class original research carried out by the staff of the University and the Colleges.

Founded in 1511, St John's College is one largest colleges in Cambridge. Colleges are where students live, eat and socialise, and where they receive small group teaching sessions called supervisions. Former students include famous business and political leaders, as well as renowned scientists and artists.

There are 2 projects available:

1. Miska Lab

<http://ericmiskalab.org/>

Prof Miska is the Director of Studies in Molecular Biology at St John's College, the Head of Department at the Department of Biochemistry, Herchel Smith Professor of Molecular Genetics and an associate Group Leader at the Gurdon Institute at the University of Cambridge.

The Miska Lab is a research group at the Department of Biochemistry at the University of Cambridge and the Wellcome Trust Sanger Institute. The team's research explores various aspects of RNA biology, epigenetics, inheritance mechanisms, and genome stability.

2. Uta Paszkowski

<https://www.plantsci.cam.ac.uk/research/utapaszkowski>

Prof Paszkowski is the Director of Studies in Plant Sciences, College Lecturer in Plant Sciences, and Professor in Plant Molecular Genetics.

Prof Paszkowski leads the Cereal Symbiosis Research Group, at the Department of Plant Sciences.

Please **do not** contact the research supervisor at St John's College for a placement before receiving an offer from NUS.

Location

The programme takes place in Cambridge, United Kingdom.

Dates

The programme takes place from **13 May 2024 to 02 August 2024**. (Special Term Part 1 & 2, 12 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.
- **Obtain a minimum of Grade C in the Singapore-Cambridge GCE 'A' Level [H1 General Paper], or a Band 3 in QET.**
- Have a clean disciplinary record.
- All 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.

Shortlisted candidates may be required to attend an interview at the Science Dean's Office. Interview details will be provided at a later date. After accepting the internal offer, you will be informed further on subsequent steps and project requirements.

An internal offer does not guarantee your placement in the programme. Your admission outcome is up to the discretion of the partner institution.

Number of Places

There are 2 places available.

Programme Cost

Students do not need to pay NUS Special Term fees or tuition fees to St John's College 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, bench fees, personal expenses, etc.

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

Item	Cost
Return Airfare	SGD1,500
Accommodation	SGD2,000/month
Food and Transport	SGD1,500/month
Laboratory Bench Fees	SGD800 (to be confirmed)

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: **02270**. 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, including your area of research interest/project, why you are interested in the mentioned area/project, etc. Please indicate clearly the project you are interested in. Please do not contact the research supervisor at St John's College for a placement before receiving an internal offer from NUS.
4. **Copy of GCE 'A' Level Certificate or Qualifying English Test (QET) result.**

Note:

- Admission into the programme is at the discretion of University of Cambridge
- Allocation of project is done by University of Cambridge

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](#).