

Overseas Summer Undergraduate Research Opportunities Programme in Science (UROPS) at St John's College, University of Cambridge 2025 (in-person)

Programme Overview

St John's College of University of Cambridge is offering FoS students the opportunity to take part in a summer research programme as part of FoS' Overseas Summer Undergraduate Research Opportunities Programme in Science (UROPS).

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 labs available, with no specific projects offered. Please apply based on the general research focus of the labs.

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. Knowles Lab

<https://www-knowles.ch.cam.ac.uk/>

Knowles Lab is an interdisciplinary and interactive group based in the Department of Chemistry, the Cambridge Centre for Protein Misfolding Diseases and the Cavendish Laboratory in Cambridge. They bring together ideas and tools from Chemistry and Physics to develop new approaches to probe the behaviour of biological molecules, with particular interest in protein self-assembly.

Interested students are advised to email Echo Williamson at jw825@cam.ac.uk, who will arrange meetings for students to speak with Prof Tuomas Knowles or any other researchers and PhD students in the Knowles group.

Location

The programme takes place in Cambridge, United Kingdom.

Dates

The exact period of exchange should be discussed between the student and the supervising lab closer to the start of the programme. Due to the minimum duration requirement and the NUS academic calendar, the period of exchange should be 10 to 12 weeks long and fall within the NUS Special Term: **12 May 2025 – 1 August 2025**.

Credit Transfer

This programme may be mapped to a 4-unit UROPS course code or a 4-unit FoS dummy exchange course code (counts towards unrestricted electives).

More information on course mapping and credit transfer will be released to students accepted into the programme.

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 NUS tuition fee during their course of study. Any additional units mapped will be subjected to [NUS Special Term fees](#).

Eligibility Criteria

NUS students must:

- Be a full-time Faculty of Science student, with a primary major in science
- Have a clean disciplinary record
- Have completed 4 – 6 semesters in NUS by the start of the programme (i.e. current Year 2 and Year 3 students)
- Have a minimum GPA of 4.6
- Not be intending to graduate at the end of AY2024/2025 Semester 2
- Not be called up for National Service during the programme dates. A deferment letter will not be provided.

An internal offer does not guarantee your placement in the programme. Your admission outcome is at 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

Financial Assistance

Click [here](#) to find out more about the various financial assistance schemes offered by FoS. This programme is eligible for the NASA Enhancement Bursary and the Science Student Overseas Exposure Fund (SSOEF).

Information on financial aid application will be sent to students accepted into the programme later.

Other financial assistance schemes offered by NUS can be found [here](#).

Programme Application Procedure and Deadline

Login to EduRec and submit your application under External Study Type "Research Attachment/Internship/ Industrial Attachment", External Study Setup ID: **03157**. Please refer to the [Guide for Student Programme Application](#) before starting your application.

Application Deadline: **Monday, 3 February 2025, 11:59pm Singapore Time**

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

1. Latest NUS unofficial transcript
2. Curriculum Vitae – Highlight any prior research experience that you may have to support your application
3. Personal Statement – Indicate your choice of lab, your area of research interest and why you are interested in joining the lab

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, submit the required documents via [SCI UG Queries](#) (category: SAP) by **3 February 2025, 11:59pm Singapore Time**.

Applications would be **deemed incomplete if the required documents are incomplete or not submitted** 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

If you have any questions, please submit your enquiry via [SCI UG Queries](#) (category: SAP).

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