



NANYANG
TECHNOLOGICAL
UNIVERSITY
SINGAPORE

Honours College

CN YANG

Scholars Programme



Introduction

The CN Yang Scholars Programme (CNYSP) is an NTU Signature Programme for undergraduate students aspiring to become future leaders in science and engineering. The programme features a special undergraduate curriculum emphasizing research skills, multidisciplinary inquiry, and collaboration. CN Yang scholars also receive special support for overseas experiences to build connections with leading scientists and engineers around the world.

Why Choose CNYSP?

Unique Learning Opportunities

- Multi-Disciplinary Science Curriculum
- Undergraduate Research Experiences
- Access to Unique Courses for NTU Scholars

Student Life Perks

- Guaranteed Hall Stay
- Membership in a Vibrant Scholars Community

Generous Financial Support

- Full Coverage of Tuition Fees (*)
- Living and Accommodation Allowances (**)
- Overseas Final Year Project (with allowance)
- Overseas Learning Trip (subsidized)

(*) For MOE-subsidized tuition fees.

(**) For CN Yang Scholars Programme Scholarship holders.

Degree Programme Eligibility

Students applying to any of the degree programmes listed below are eligible for CNYSP. Students applying for second or double major programmes in Science or Engineering that are not listed here are still welcome to apply, but successful candidates will be required to convert to an eligible programme if offered admission to CNYSP.

Science

- Biological Sciences
- Chemistry & Biological Chemistry
- Environmental Earth Systems Science
- Mathematical Sciences
- Physics & Applied Physics

Computing

- Computer Engineering
- Computer Science

Engineering

- Aerospace Engineering
- Bioengineering
- Chemical & Biomolecular Engineering
- Civil Engineering
- Electrical & Electronic Engineering
- Environmental Engineering
- Information Engineering & Media
- Materials Engineering
- Mechanical Engineering
- Robotics

Second Major

- Data Analytics (for Science, Engineering and Computing programmes except Computer Science)
- Sustainability (for Science, Engineering and Computing programmes)
- Applied Physics with Second Major in Medical Physics
- Applied Physics with Second Major in Microelectronics Engineering
- Physics/Applied Physics with Second Major in Quantum Technologies

Curriculum Overview

CNYSP Core Courses

- Biology
- Chemistry
- Mathematics
- Physics
- Climate Change



Research Opportunities

- Introduction to Research (Lecture and Practice)
- Research Attachment 1 (1-year Local Lab Attachment)
- Making & Tinkering (Hands-on Team Project)



Overseas/Local Final Year Project

Overseas Learning Trip

University-wide and Major Courses

- Interdisciplinary Collaborative Core (ICC) courses
 - Career Design & Workplace Readiness in the V.U.C.A World
 - Science & Technology for Humanity
 - Sustainability: Society, Economy & Environment
 - Health & Wellbeing
 - Digital Literacy 2
- Internship/Attachment
- Core Courses and Electives for Major



Overseas Experience

CN Yang Scholars receive many unique opportunities for overseas experiences, on top of the regular exchange opportunities available to all NTU students. Through these, students broaden their academic and cultural horizons while gaining valuable research experience at leading institutions around the world.

Overseas Learning Trip

The Overseas Learning Trip integrates the existing academic knowledge learnt within the classroom with overseas experiential learning. CN Yang Scholars will visit labs from across the world, to expand their horizons and build connections for collaboration beyond borders. The CN Yang Scholars Programme will provide a partial subsidy for the 10-day trip.



Dylan Ong Jun Jie

OFYP at McGill University
in Canada



Vu Tien Luc

OFYP at Swedish Maritime
Robotics Centre, KTH Royal
Institute of Technology
in Sweden



Lim Shan Shan

OFYP at Stockholm
University in Sweden



Michelle Tan Min Shuen

OFYP at Carnegie Mellon
University in USA



Loi Jun Yan

OFYP at Harvard Medical
University in USA



**Overseas Learning
Trip 2025 to KTH
Royal Institute of
Technology, Sweden**



Chan Li Wen, Zane

OFYP at Massachusetts
Institute of Technology
in USA



Chen Der Ying

OFYP at University of Oxford
in United Kingdom



Heng Yan Ying

OFYP at Northeastern
University in USA



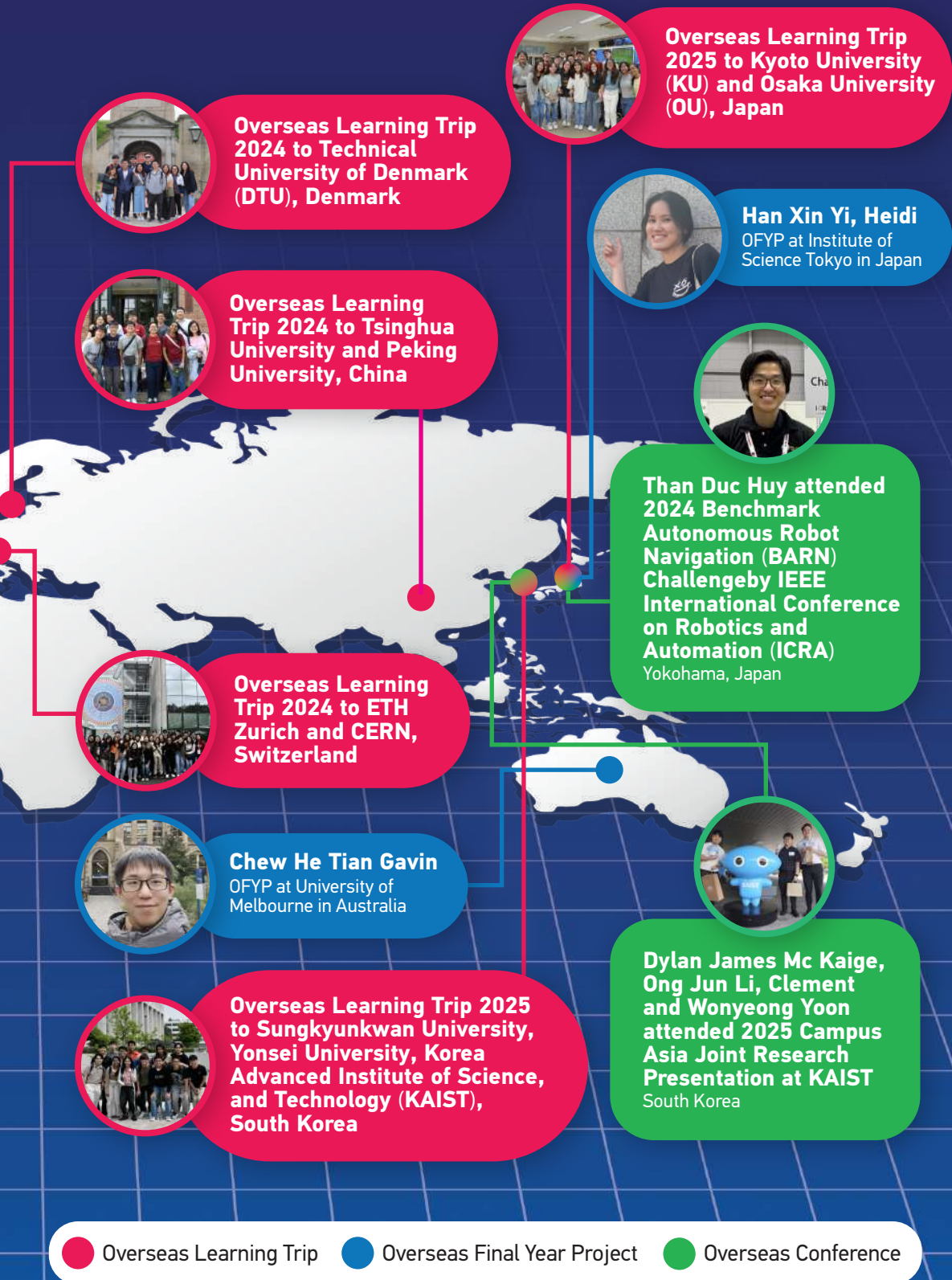
**Overseas Learning
Trip 2025 to Paris
Tech Chemistry -
PSL University, France**

Overseas Final Year Project

CN Yang Scholars can undertake a Overseas Final Year Project which is a research attachment to an overseas university for up to 8 months, with an overseas travel allowance. This allows scholars to delve into a wide spectrum of research endeavours in an international environment for a complete and enriching learning experience.

Overseas Conference

CN Yang Scholars have the privilege to engage in international conferences to showcase their research.

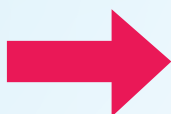


Application Process



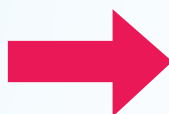
Complete the online application form for admission to NTU undergraduate studies.

Indicate your interest for the CN Yang Scholars Programme in the form.



Submit scholarship application for CN Yang Scholars Programme Scholarship under Scholarship Section.

You may skip this step if you have an external scholarship and just want to join the programme.



Shortlisted candidates will be notified for an interview.

CN Yang Scholars Programme Scholarship

Scholarship recipients enjoy the following forms of financial support:

- Full coverage of subsidised tuition fees (after Tuition Grant).
- Living allowance of S\$6,500 per academic year.
- Accommodation allowance of up to S\$2,000 per academic year (Applicable to scholarship holders who reside in NTU hostels only).
- Travel grant of up to S\$8,000 for an overseas programme (one-off).
- Computer allowance of S\$2,000 (one-off).



No bond is attached to the Scholarship apart from the three-year bond applicable to all Singapore PRs and international students under the MOE Tuition Grant Scheme.

Programme Benefits

In addition to the above, CN Yang Scholars enjoy the following benefits. These benefits also accrue to members of the CN Yang Scholars Programme who are not recipients of the Scholarship (e.g., those supported by different scholarships).

- Guaranteed overseas final year research project (5 to 8 months) with overseas travel allowance.
- Priority for overseas exchange (one-off).
- Guaranteed overseas learning trip with subsidy.
- Guaranteed four years of stay in NTU halls of residence (Online Hall application is required).
- Opportunities for research attachment.
- Opportunities to attend an international conference with subsidy of up to S\$2,000.
- Opportunities to meet top leading scientists and academics.
- Opportunities for PhD study at NTU or Joint PhD with partner university.

Students may also enter the CN Yang Scholars Programme with the following scholarships:

- ASEAN Undergraduate Scholarship
- Nanyang Global Scholarship
- NTU Science and Technology Undergraduate Scholarship
- External scholarship (subject to approval)

Career Prospects and Postgraduate Opportunities

The CNYSP offers a gateway to exceptional career prospects and postgraduate study opportunities. It is designed to cultivate excellence, combining industry connections, mentorship, research, and global exposure. With a strong emphasis on holistic development, it serves as a launchpad for scholars to excel in their chosen fields, whether in academia, industry, entrepreneurship or public service.

The CNYSP has been a starting point in my research journey, helping me discover where my true research passion lies. Through its various research-related modules and projects, I was able to explore ideas outside my comfort zone from early on in my undergraduate studies and see how research can connect across multiple disciplines. More than just research skills, the program broadened my perspective and sparked a genuine excitement within my mind for research.

Fang Rou Li
Electrical and Electronic
Engineering, Class of 2024

PhD in Electrical and
Electronic Engineering, NTU
Nanyang President's Graduate Scholarship

CNYSP provided invaluable research opportunities that nurtured my interest in catalysis and computational materials science. My Overseas FYP taught me the value of diverse research cultures and enabled me to establish valuable connections. These opportunities have deepened my passion for understanding catalytic processes at a fundamental level and inspired me to contribute to sustainable innovation toward a net-zero carbon future.

**Danish Uzair Bin Abdul
Hamid Khan Surattee**
Chemical and Biomolecular
Engineering, Class of 2025

PhD in Chemical and
Biomedical Engineering, NTU
Nanyang President's Graduate Scholarship

CNYSP has allowed me to learn so much in my 4-year journey in NTU. Through the many research opportunities and support that CNYSP offers, I have gained valuable insights into the academia world and made connections with many professors and post-docs in both local and overseas institutions.

Floretta Setia Pradana
Biological Sciences, Class of 2025
Environmental Researcher at National Parks Board



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www.ntu.edu.sg/honours-college/signature-programmes/cn-yang-scholars-programme



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