The CN Yang Scholars Programme (CNSP), named after Professor CN Yang (Nobel Laureate in Physics in 1957), is specially designed for exceptional students who have a deep passion for research in science and engineering fields. Highly competitive with only 50 students selected annually, the CNSP offers a rigorous and intensive multidisciplinary curriculum that encompasses all branches of science and mathematics. The programme is also tailored to provide students with multitudinous opportunities in research, both locally and overseas. In particular, the Overseas Final Year Project and research attachments serve to broaden the scholars’ global perspectives. At the end of the undergraduate study, CNSP graduates are given an option to pursue postgraduate study (PhD) with a scholarship in NTU or Joint PhD overseas.

**VISION**

A premier Science and Engineering programme to nurture innovators with global perspectives.

**MISSION**

To provide multi-disciplinary education and problem solving skills through research.

**WHY CHOOSE CNSP?**

- Scholarship Award
- Multi-Disciplinary Curriculum
- Overseas Final Year Project
- Overseas Learning Trip
- Global Exchange Experience
- Hands-On Learning & Problem-Solving Skills Projects
- Guaranteed 3rd Stay
- Academic Guidance by CNSP Alumni
- Meeting World Class Leaders in Science and Engineering
- Joint PhD at NTU/Overseas University (optional)

**SCHOLARSHIP AWARD**

- No bond is attached to the Nanyang Scholarship apart from the 3-year bond applicable to all Singapore PRs and international students under the MOE Tuition Grant Scheme.
- Recipients of other scholarships are eligible to apply for CNSP.

**COURSE ELIGIBILITY**

**SCIENCES**

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

**ENGINEERING**

- Aerospace Engineering
- Biomedical Engineering
- Chemical & Biomedical Engineering
- Civil Engineering
- Computer Engineering
- Computer Science
- Electrical & Electronic Engineering
- Environmental Engineering
- Materials Engineering
- Mechanical Engineering

**INTRODUCTION**

The CNSP is an integrated, multidisciplinary, and globally rich academic programme that focuses on the education and research of students in science and engineering fields. The programme is designed to provide a comprehensive education and research experience that prepares students for successful careers in academia, industry, and government. The CNSP offers a range of courses and research opportunities that allow students to explore their interests and develop their skills in various fields of science and engineering.

**MAKING & TINKERING**

With minimal knowledge and background, I had to learn on the job, from the design and construction of mechanical structure, to the integration of electronics and electrical circuitry, and finally the programming and implementation of user interface. These have provided me with tremendous learning opportunities in both software and hardware development.

*Chen Kai Jun, Mechanical Engineering Year 3*

“"The Product Prototyping project was one of the highlights of my university experience. We spent a summer designing and building a Hamball project of our own choice. The project has also provided an avenue for us to experiment and test our ideas."* 

*Hoang Huey Diang, Aerospace Engineering Year 2*

**NANYANG SCHOLARSHIP**

- **SCHOLARSHIP AWARD**
  - Tuition fee waiver
  - Monthly allowance of $6,000
  - Overseas final year project and research attachment

- **SCHOLARSHIP ELIGIBILITY**
  - Singapore citizens and permanent residents
  - International students

- **SCHOLARSHIP BENEFITS**
  - Overseas learning trip
  - Global exchange experience
  - Hands-On learning & problem-solving skills projects

- **SCHOLARSHIP TERMS**
  - Three-year bond
  - No bond is attached to the Nanyang Scholarship apart from the 3-year bond applicable to all Singapore PRs and international students under the MOE Tuition Grant Scheme.

- **SCHOLARSHIP UPDATE**
  - Recipients of other scholarships are eligible to apply for CNSP.

**CN YANG SCHOLARS PROGRAMME**

The CN Yang Scholar Programme (CNSP) is a prestigious research-oriented programme designed to provide students with a unique and immersive educational experience. The programme offers a comprehensive curriculum that combines theoretical knowledge with practical skills, preparing students for successful careers in science and engineering.

- **MISSION**
  - To provide a diverse and challenging educational experience

- **Vision**
  - A premier Science and Engineering programme to nurture innovators with global perspectives

- **Why Choose CNSP?**
  - Scholarship Award
  - Multi-Disciplinary Curriculum
  - Overseas Final Year Project
  - Overseas Learning Trip
  - Global Exchange Experience
  - Hands-On Learning & Problem-Solving Skills Projects
  - Guaranteed 3rd Stay
  - Academic Guidance by CNSP Alumni
  - Meeting World Class Leaders in Science and Engineering
  - Joint PhD at NTU/Overseas University (optional)

- **Scholarship Award**
  - Recipients of other scholarships are eligible to apply for CNSP.

- **Course Eligibility**
  - Sciences
    - Biological Sciences
    - Chemistry & Biological Chemistry
    - Environmental Earth Systems Science
    - Mathematical Sciences
    - Physics & Applied Physics
  - Engineering
    - Aerospace Engineering
    - Biomedical Engineering
    - Chemical & Biomedical Engineering
    - Civil Engineering
    - Computer Engineering
    - Computer Science
    - Electrical & Electronic Engineering
    - Environmental Engineering
    - Materials Engineering
    - Mechanical Engineering

- **Scholarship Benefits**
  - Tuition fee waiver
  - Monthly allowance of $6,000
  - Overseas final year project and research attachment

- **Scholarship Terms**
  - Three-year bond
  - No bond is attached to the Nanyang Scholarship apart from the 3-year bond applicable to all Singapore PRs and international students under the MOE Tuition Grant Scheme.

- **Scholarship Update**
  - Recipients of other scholarships are eligible to apply for CNSP.
The scholars embarked on an Overseas Educational Trip to the United States. They visited San Diego’s Scripps Institution to gain insights pertaining to the field of Neuroscience and Neuroengineering. Finally, the scholars visited Paul Scherrer Institute to gain insights pertaining to environmental research and climate technology. That said, this institute hosts numerous professors and students working on a large variety of projects, with research ranging from proton therapy to experiments making use of the new X-Ray Free Electron Laser (SwissFEL) for studies on macromolecular structures.

Maria Irene Inggrid

"The trip was both exciting and eye-opening. As an earth science student, I used to dismiss topics like biology and astrophysics as not relevant to me. However, the trip made me realize the importance of holistic perspective and interdisciplinary research in order to approach complex issues."

"...extremely enriching time in Scripps, LIGO and Palomar Observatory..."

P. Mathangi

Biological Sciences, Year 2

"The trip to CERN served as an eye-opener to me as it is an interdisciplinary research environment. The scholars then visited the Brain Mind Institute to gain insights pertaining to neuroprosthetics and brain projects during the visits to Switzerland, where they attended various seminars and had a great time interacting with professors and students working on a large variety of projects, with research ranging from proton therapy to experiments making use of the new X-Ray Free Electron Laser (SwissFEL) for studies on macromolecular structures."