MAKING & TINKERING (RESEARCH ATTACHMENT 3)

The unique Making & Tinkering course introduces scholars to product prototyping. The ubiquity of open-source hardware and software allows scholars to design, code and build prototypes for applications in Science & Engineering.

Scholars gain hands-on experience in iterative prototype design, development and presentation, guided by experienced mentors. Through this course, scholars gain a strong understanding of the development phase of a Research & Development (R&D) cycle.

CN YANG SCHOLARS PROGRAMME

The Scholars Programme For The World

NANYANG TECHNOLOGICAL UNIVERSITY, SINGAPORE

CN YANG SCHOLARS PROGRAMME

Premier Scholars Programmes Office
Academic Block North, ABN-300#11, 41 Nanyang Drive, Singapore 637335

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www.ntu.edu.sg/cnyang-scholars
The CNYSF nurtures future leaders at the interface of science and engineering, with a focus on technological innovation and scientific communication. Empowered by a strong science and engineering training, the multidisciplinary courses in mathematics, research, making-and-learning, internship and global learning prepare students to lead in the next phase of technological evolution. Scholars will embark on this unique journey which truly embraces the spirits of innovation, persistence and social capital, allowing them to make impact in a diverse range of careers they wish to embrace in the future.

COURSE ELIGIBILITY

SCIENCES

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

ENGINEERING


SCHOLARSHIP AWARD

NANYANG SCHOLARSHIP

Subsidised tuition fees after tuition grant
Living allowance of $24,690 per annum
Travel grant of $35,000 for overseas study or exchange programme (one-way)
Accommodation allowance up to $22,890 per annum for scholars in NTU halls only
Computer allowance of $3,790 (new-grad)

No bond is attached to the Nanyang Scholarship apart from the S$100 bond applicable to all Singapore PRs and international students under the MOE Tuition Grant Scheme. Recipients of other scholarships are eligible to apply for CNYSF.

OVERSEAS FINAL YEAR PROJECT (OFYP)

CN Yang Scholars will undertake their Overseas Final Year Project as a research attachment at a reputable overseas university for up to 8 months, with financial support from this programme.

This allows scholars to gain insights into the breadth and diversity of research work in an international environment, thereby providing them with an all-rounded and enriching learning experience.

CN Yang Scholars are given the opportunity to embark on one of the overseas learning trips during their freshmen year with subsidies given by CNYSF.


2. Karolinska Institute, Stockholm, Sweden.

3. University of Calgary, Alberta, Canada
   Overseas Supervisor: Prof. Anthony Tong & Prof. Goh Wai Boon
   Project Title: Understanding Muhamang Culture to Design Affordances for Video Streaming Experiences

4. Massachusetts Institute of Technology, Cambridge, USA
   Overseas Supervisor: Dr. John L. Lambrecht
   Project Title: Investigation of the Hydrodynamic & Energy Efficiency Performance of Advanced Distillation Techniques

5. Laurensia Anjani, Computer Science
   Overseas Supervisor: Assoc. Prof. Gerald McInerney
   Project Title: A novel inhibitor against non-structural protein 3 of Chikungunya Virus