

GRADUATE RESEARCH PROGRAMMES

**Application deadline for
January 2026 intake :
1 August 2025.**

The graduate research programmes of College of Design and Engineering (CDE) at NUS provide training in a particular subject area through independent investigation, study and experimental work, culminating in the submission of a thesis on the research undertaken. Excellent opportunities are available for students to be immersed in a vibrant research-intensive environment in any of our departments in the pursuit of a research degree.

With 10 established departments/division, gain access to a diverse range of expertise to fuel your ideas. Guided by world-renowned experts and innovators, engage in cutting-edge projects, from blue-sky explorations to industry-driven collaborations. This is your opportunity to work alongside rising scientists celebrated with prestigious awards while making discoveries that shape the future.

CDE is Globally Recognised

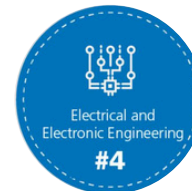


8th
in the world

1st
in Asia

◀ QS World University
Rankings 2025

▼ 2025 QS World
University Rankings
By Subject



5 Graduate Research Programmes

Doctor of Philosophy (PhD) / Master's by Research

cde.nus.edu.sg/graduate/graduate-programmes-by-research/ph-d-master-of-engineering/

Doctor of Philosophy / Master of Engineering – Industrial Postgraduate Programme

cde.nus.edu.sg/graduate/graduate-programmes-by-research/phd-master-of-engineering-industrial-postgraduate-programme/

Doctor of Engineering

cde.nus.edu.sg/graduate/graduate-programmes-by-research/doctor-of-engineering-eng-d/

10 Departments & Division Offering PhD Programmes

Choose from distinct research areas where you can grow your knowledge and expertise while conducting cutting-edge research to address the world's most pressing global and societal challenges.

- Department of Architecture
- Department of the Built Environment
- Department of Biomedical Engineering
- Department of Chemical & Biomolecular Engineering
- Department of Civil & Environmental Engineering
- Department of Electrical & Computer Engineering
- Division of Industrial Design
- Department of Industrial Systems Engineering & Management
- Department of Materials Science & Engineering
- Department of Mechanical Engineering

 [View graduate research programme requirements by department](#)

11 Research Scholarships Available for CDE PhD Students

Get paid to do what you love! Choose from various scholarships and receive monthly stipends up to S\$4,500 with no bond requirements.

- President's Graduate Fellowships
- Singapore International Graduate Award
- Integrative Sciences and Engineering Programme
- NUS Research Scholarship
- Commonwealth Scholarship
- AI Singapore Scholarship
- A*STAR Graduate Scholarship

 [For a comprehensive list of scholarships featuring the latest offerings, please visit \[cde.nus.edu.sg/graduate/scholarship-opportunities/\]\(https://cde.nus.edu.sg/graduate/scholarship-opportunities/\)](#)

Application Requirements

Admission Criteria

A good Bachelor's degree with Honours (2nd Class Upper/Distinction or better)

Language Requirements

TOEFL: 85 (Internet-based test)

IELTS: 6.0 (Overall)

GRE (Optional)

GRE score of 320 (Verbal & Quantitative Total) and 3.5 (Analytical)

 [Read more](#)

Additional Resources

[Application preparation guide](#)

[How to find your thesis advisor](#)

[How to write a research proposal](#)

[Join CDE mailing list to stay updated](#)

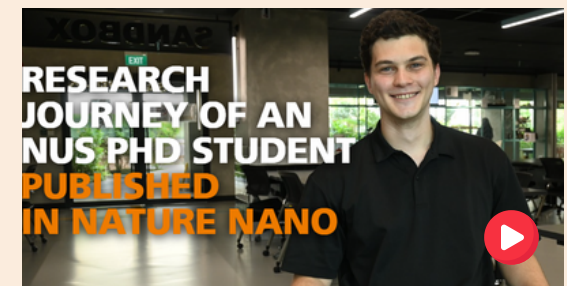
Hear From Our PhD Students



Final-Year PhD Student at NUS Talks Carbon Storage & Real-World Skills
Vikas Dhamu, Fourth-Year PhD Student, Chemical Engineering



A PhD Student's Journey of Resilience and Opportunity
Utami Yerikania, Fourth-Year PhD Student, Civil Engineering



Publishing of a Research Article, a Highlight in the Journey of an NUS PhD Student
Mikhail Kravstov, Third-Year PhD Student, Materials Science and Engineering