



Ph.D. Programme

School of Electrical and Electronic Engineering
Nanyang Technological University
Singapore

Our EEE

- NTU School of Electrical and Electronic Engineering (NTU EEE) is **one of the largest and most highly ranked schools in the world.**
- It began as one of the **three founding schools** of Nanyang Technological University.
- Today, the School has become **one of the world's largest engineering schools** that nurtures competent engineers and researchers.



1st

2023 QS World
University Rankings by
Subject in Singapore
and Asia



9th

2023 QS World
University Rankings by
Subject



2nd

2022 Best Global
Universities for EEE in
US News and World
Report



8th

2022 Shanghai
Ranking's Global
Ranking of Academic
Subjects

Research Programme for Graduate Studies

Power Engineering

- Smart Grids
- Electric Propulsion
- Energy Storage & Management
- Power Electronics
- Power Systems
- Renewable Energy

Microelectronics

- Clean Energy Material and Device Technologies
- Photonics and Optoelectronics
- Nanomaterials and Nanotechnologies
- Compound Semiconductor Materials and Devices
- Advanced Silicon Devices & Integration Technologies
- Bioelectronics and Biomedical Device Technologies
- Advanced MEMS Technologies

Information Engineering

- Information Security
- Data/Video Analytics
- Artificial Intelligence
- Signal Processing
- Digital Media Processing

Circuits & Systems

- Electromagnetic Compatibility and Reliability
- Advanced Electronic Packaging
- Energy Harvesting and Green Electronics
- MM-wave and Terahertz Circuits
- Bio-inspired Integrated Circuits and Systems

Communication Engineering

- Lightwave Communications
- Communication Networks
- Internet of Things
- Wireless Communications
- Coding and Signal Processing

Control & Instrumentation

- Biomedical Signal/Image Processing
- Computer Vision
- Computational Intelligence
- Robotics
- Control Theory and Applications

Ph.D. Scholarships 1: NTU Research Scholarships

Eligibility Criteria

A minimum of Honours (Distinction) or its equivalent.

Bond

There is no bond attached to the scholarship. Scholar is required to perform teaching & laboratory supervision duties to fulfil Graduate Assistantship Programme (GAP) hours.

	For PhD candidates
Singapore Citizen*	S\$2,800
Singapore Permanent Resident	S\$2,400
International Student	S\$2,200

For scholars who pass the Ph.D. Qualifying Examination/Confirmation, he/she may be eligible for an additional stipend of up to **\$500** per month.

*CPF contributions shall be provided, on top of the monthly stipend received.

Ph.D. Scholarships 2: Singapore International Graduate Award (SINGA)

A 4-year PhD scholarship to allow international students to pursue their PhD in science and engineering in Singapore.

Eligibility

Open for application to all international graduates with excellent academic results.

Good skills in written and spoken English.

Good reports from academic referees.

Coverage

Tuition fees, monthly stipend of S\$2,200 and S\$2,700 before and after the Qualifying Exam.

Bond

There is no bond attached to the scholarship. Scholar is required to perform teaching & laboratory supervision duties to fulfil Graduate Assistantship Programme (GAP) hours.

English Requirement

You can apply if you do not have GRE / IELTS / TOEFL / SAT I & II / GATE scores.

The selection panel will assess your spoken and written English during the interview.

Ph.D. Funding Scheme 3: Postgraduate Tutorship Scheme (PTS)

Eligibility Criteria

A minimum of Honours (Distinction) or its equivalent.

Bond

International student needs to sign service obligation.

Scholar is required to perform teaching and laboratory supervision duties to fulfil Graduate Assistantship Programme (GAP) hours.

Other Ph.D. Scholarships

- **A*STAR Graduate Scholarship (AGS)**
- **Project funding from faculty**

<https://www.ntu.edu.sg/admissions/graduate/financialmatters/scholarships>

Online Application

Admission is in **August** or **January** each year.

Online application <https://www.ntu.edu.sg/admissions/graduate/radmissionguide>

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Research Programmes Admission Guide

Students are required to pursue an independent but supervised research on an approved topic based on which a thesis must be submitted for examination. Students are also required to attend classes and pass the examinations.

APPLY NOW

CHECK STATUS

ACCEPT NOW

General Requirements

Admissions Eligibility

Applicants must have Bachelor's degree with minimum Honours (Distinction) and its equivalent and the ability to pursue research in the candidate's proposed field of advanced study.

Required Test Score

A valid GRE/GMAT score is required for applicants who are not graduates of the Autonomous Universities in Singapore, unless there is specific requirement stated in the School's website for the respective programme. Test dates must be within 5 years or less from the date of your application.



Contact Us

EEE Graduate Research Programme Office (GRPO)

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Admissions:

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