SUTD-CGU Dual Masters Programme in Nano-Electronic Engineering and Design (Full-Time)

Programme Overview
The SUTD-CGU Dual Masters Programme in Nano-Electronic Engineering and Design is a unique, multi-disciplinary learning experience encompassing the full value chain of the semiconductor industry.

This programme covers research and coursework in integrated circuit (IC) design, production, packaging, testing, reliability and failure analysis, chip assembly and packaging, particularly in the emerging areas of nano-electronic design, production and testing.

Industry Coursework at CGU
At CGU, students will gain real-life immersion with Taiwan’s leading IC design and semiconductor foundries while undergoing CGU’s industry-oriented curriculum.

Master Research at SUTD
At SUTD, students will complete their Master thesis and research project (design implementation, fabrication, testing and assembly). They will also be equipped with industry-relevant knowledge via SUTD’s Professional Short Development Courses.

About Singapore University of Technology and Design (SUTD)
SUTD is Singapore’s fourth autonomous university and one of the first universities in the world to incorporate the art and science of design and technology into a multi-disciplinary curriculum. SUTD’s core academic pillars are:

• Architecture and Sustainable Design (ASD)
• Engineering Product Development (EPD)
• Engineering Systems and Design (ESD)
• Information Systems Technology and Design (ISTD)

About Chang Gung University (CGU)
Chang Gung University (CGU) is located in Taoyuan, Taiwan. It was ranked as the top private university in Taiwan by the Academic Ranking of World Universities 2016 and is well-established in semiconductor, integrated circuit design, assembly and failure analysis research.

CGU is part of the Formosa Plastics Group conglomerate and maintains strong industry links with the Taiwan electronics sector.

Upon successful completion, students will graduate with two Master degrees:

• Master of Science - Nano-Electronic Engineering and Design from CGU
• Master of Engineering (Research) from SUTD

Admission Schedule / Deadlines
There is one intake each year in September. The application deadline for each intake is end of March.

Please apply at https://admission.sutd.edu.sg

Candidature Period (minimum of 18 months)

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<th>Candidature Period</th>
<th>Period 1 (at CGU)</th>
<th>Period 2 (at SUTD)</th>
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<td>9 months (September to June)</td>
<td>9 months (June to March)</td>
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Maximum candidacy of the programme is 36 months.
Applicants should possess the following:

• At least a Bachelor’s degree or above with excellent academic standing in mathematics, physics, engineering, computer science or related fields.

• Proficiency in English (IELTS or TOEFL is required if English is not your medium of instruction in your studies).

For admission and programme enquiries:

SUTD Office of Graduate Studies: MNEED@sutd.edu.sg

View SUTD Faculty's Research Here:

EPD  https://epd.sutd.edu.sg/people/faculty/
ESD  https://esd.sutd.edu.sg/people/faculty/
ISTD  https://istd.sutd.edu.sg/people/faculty/

View a full list of courses and course overviews at

https://sutd.edu.sg/Admissions/Graduate/Professional-Development-Short-Courses