Master of Engineering (Research) (Full-Time/Part-Time)

Programme Overview

The Master of Engineering (Research), or MEng, offers working professionals and fresh graduates the opportunity to explore independent, research-oriented solutions to existing engineering challenges and create A Better World by Design.

MEng students will conduct their research under a SUTD faculty member, who will guide, mentor and provide supervision where necessary. This research will culminate in the creation of a Master thesis, which must be evaluated and passed by a Thesis Examination Committee.

Students will also be required to complete at least two:
- Technical Courses
- Professional Development Short Courses

Admission Schedule / Deadlines

There are two MEng intakes a year, in September and January. The deadline for each intake is:

September Intake: End of March
January Intake: End of September

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

Admission Requirements

Applicants should possess the following:
- At least a Bachelor’s degree or above with excellent academic standing
- Proficiency in English (IELTS or TOEFL is required if English is not your medium of instruction in your studies)

Contact Us

Office of Graduate Studies: meng@sutd.edu.sg

View 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 SUTD Research Centres Here:
https://sutd.edu.sg/Research/Research-Centres

View Selected Research Projects:
https://sutd.edu.sg/Admissions/Graduate/Graduate-Research/Projects-and-opening

Candidature Period (Full-Time / Part-Time)

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<th>Candidature Period</th>
<th>Full-Time</th>
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<td>1 to 3 years (Maximum candidacy of 3 years)</td>
<td>2 to 3 years (Maximum candidacy of 3 years)</td>
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Technical Courses
These technical modules will provide MEng students with the core skills necessary for robust research. Some examples include (but are not limited to):

Engineering Product Development (EPD)
• Applied Mathematics for Engineering
• Design Science
• Computational Science and Engineering
• Optimization and Control
• Research Methods

Engineering Systems and Design (ESD)
• Linear Optimization
• Operations Management
• Probability Theory
• Statistics
• Stochastic Modeling

Information Systems Technology and Design (ISTD)
• Analysis of Algorithms
• Computer Networks
• Machine Learning
• Software Engineering
• Wireless Communications and Networking

Professional Development Short Courses
These short courses will provide MEng students with a well-rounded and holistic education. Topics covered include:

• Intellectual Property (IP) Clinic
  Learn more about the fundamentals of IP and why it is an essential part of a business growth strategy.

• Scientific and Grant Writing
  Develop your scientific writing and grant proposal writing skills.

• Entrepreneurship
  A practical-oriented course that teaches you how to turn business or product ideas into a successful commercial venture.

• Private Equity (PE) & Fund Raising for Businesses
  Acquire practical knowledge, competencies and key insights regarding the PE industry.

• Corporate Grooming & Personal Branding
  Groom your professional image and build up your business etiquette for better work relationships.

• Leadership & Teamwork
  Learn how emotional intelligence can positively impact team dynamics and professional engagements.

Attractive Scholarship Funding
SUTD MEng (Research) Fellowship
• Open to all nationalities
• Full tuition fees (for up to 2 years)
• Monthly stipend (for up to 2 years) of:
  o S$2,500 (Singapore Citizens)
  o S$1,500 (Singapore Permanent Residents and International Students)
• CPF contribution (Singapore Citizens only)

Economic Development Board (EDB)
Industrial Postgraduate Programme (IPP)
The EDB-IPP offers you the opportunity to pursue a company-related research project as your MEng thesis while continuing as a full-time company employee.

EDB-IPP Partnering Companies should possess the following to be eligible:
• Must be based in Singapore
• Have an established corporate R&D presence in Singapore (i.e. Doctorate-level researchers, good track record of research activities, etc.)
• Committed to supporting IPP trainees toward attaining MEng or Doctoral qualifications