

SUTD PhD PROGRAMME

JUST AS IN DESIGNING GREEN CITIES OF THE FUTURE, YOUR RESEARCH NEEDS EXPERTISE FROM DIFFERENT FIELDS.

THE SUTD PhD PROGRAMME OFFERS YOU A CHANCE TO COLLABORATE WITH THE BEST IN THEIR FIELDS.

Our programme has a strong emphasis on interdisciplinary and collaborative research, and is enhanced by opportunities for industry internships, overseas research exchanges and teaching experience. It is mentoring-intensive with co-supervision flexibility, which allows you to work with multiple world-class faculty members. You will also benefit from a multi-disciplinary design experience and professional development opportunities programme.

Engineering Product Development (EPD)

Research areas include:

- Bio-medical engineering, medical devices and healthcare
- Innovation and creativity
- Robotics, transformers and unmanned platforms
- Imaging, infocomm and digital media
- Materials, photonics, electronics and circuits
- Advanced manufacturing, innovative and rapid prototyping

Information Systems Technology and Design (ISTD)

Research areas include:

- Algorithms, databases, security, software systems, software engineering
- AI, information retrieval, natural language processing
- Graphics and visualisation, image processing, HCI, computer games
- Architecture, high performance computing, networking

Architecture and Sustainable Design (ASD)

Research areas include:

- Architecture and sustainable design and practice
- Innovative city design and development
- Environmental policy and planning
- Computation pertaining to the description, generation, and construction of architecture
- Development and application of advanced technology for buildings
- Historical, theoretical, and critical approaches to architectural design


Engineering Systems and Design (ESD)

Research areas include:

- Operations research, including optimisation, stochastic models, and game theory
- Operations management, including manufacturing and service operations
- Research methods include analytical, computational, empirical, and behavioural methods
- Areas at the interface with economics, finance, public policy, and organisational behaviour

Applications are now open for September 2013 intake.

Attractive scholarships available.

 www.sutd.edu.sg/phd  phd@sutd.edu.sg



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SINGAPORE UNIVERSITY OF
TECHNOLOGY AND DESIGN

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