TOWARDS A BETTER WORLD BY DESIGN.
The power of design is deeply rooted in understanding the human experience and needs, and then creating innovative products, services and systems to meet and improve them. That’s why forward-thinking companies and nations are investing heavily in design to drive innovation and growth.

**Design Goes Beyond Aesthetics — It Transforms the Way We Live.**

To meet the challenges of the future, we offer a world-class education built upon an interdisciplinary curriculum, multi-disciplinary research and a unique cohort-based learning approach based on design.

**Top Emerging Engineering School in the World**
Source: ‘The global state of the art in engineering education’, a study commissioned by the Massachusetts Institute of Technology (MIT)

**5th Most Influential Scientific Research Institution in Telecommunications**
Source: Clarivate Analytics’ 2017 State of Innovation Report

**90% of the Curriculum Was Developed by MIT**

**Collaborative, Interactive & Hands-on Learning**

**40% Female Student Cohort**

**100% Have Overseas Exposure Opportunities**

**100% Get to do Research Right from Day One**

**100% Bond-Free Scholarships**
> 100 with funded overseas exposure

**More Than 1,200 Internship Partners**
> 1 in 4 landed return job offers after internship

**95.9% Employed Within Six Months of Completing Final Examinations. Highest Starting Salary of $4,369**
Overall employment rate. Mean gross monthly salary.
Source: 2020 Joint Graduate Employment Survey by NTU, NUS, SMU, SUSS and SUTD
TRANSFORMING THE WAY WE LIVE:

SUTD alumni Ken Chua (listed in Forbes 30 Under 30 Asia Social Entrepreneurs 2019) and Christabella Irwanto founded (these)abilities, a start-up that designs inclusive products to ‘Disable Disabilities’.

Their work includes the Plug-N-Play Safety System which expands the wheelchair capacity of public buses. Transported 397 athletes during the ASEAN Paragames.

Find out more about (these)abilities

BIFROST

Founders of artificial intelligence (AI) start-up, Bifrost, SUTD alumni Aravind Kandiah and Charles Wong developed a data engine that creates virtual worlds simulating rare, dangerous occurrences to capture rich data at a fraction of the time and cost. Making an impact in our lives a month before graduation. Their first client? Rail operator SMRT.

NURTURE YOUR POWER OF DESIGN

Be trained in the full value chain to create a better world – from conception and development to manufacturing and sustainability. Armed with a comprehensive understanding of the social, cultural, political and economic dimensions of the world you are creating for, develop human-centred solutions that make the right impact.

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Our unique academic structure provides you with opportunities to design the future you envision. Our programmes are created around these four key concepts:

- **Interdisciplinary learning & research**
- **Design focus & human-centred**
- **Digital competency as a foundation**
- **Addressing large-scale real world problems**

### ACADEMIC CALENDAR

Our 8-term undergraduate calendar starts in September.

<table>
<thead>
<tr>
<th>YEAR</th>
<th>JAN - APR</th>
<th>MAY - AUG</th>
<th>SEP - DEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y1</td>
<td>Freshmore</td>
<td>TERM 2</td>
<td>Freshmore</td>
</tr>
<tr>
<td></td>
<td>VACATION/</td>
<td>SUMMER PROGRAMME</td>
<td>TERM 3</td>
</tr>
<tr>
<td>Y2</td>
<td>Sophomore</td>
<td>TERM 4</td>
<td>Junior</td>
</tr>
<tr>
<td></td>
<td>+ ASD/DAI/EPD/ESD/ISTD</td>
<td>Exchange/Internship</td>
<td>TERM 5</td>
</tr>
<tr>
<td>Y3</td>
<td>Junior</td>
<td>TERM 6</td>
<td>Senior</td>
</tr>
<tr>
<td></td>
<td>+ ASD/DAI/EPD/ESD/ISTD</td>
<td>VACATION/INTERNSHIP/</td>
<td>TERM 7</td>
</tr>
<tr>
<td></td>
<td>Exchange*</td>
<td>SUMMER PROGRAMME</td>
<td>+ Elective</td>
</tr>
<tr>
<td>Y4</td>
<td>Senior</td>
<td>TERM 8</td>
<td>Senior</td>
</tr>
<tr>
<td></td>
<td>+ ASD/DAI/EPD/ESD/ISTD</td>
<td>+ Capstone</td>
<td>+ Capstone</td>
</tr>
</tbody>
</table>

* Students who embarked on an overseas exchange during the previous vacation (Y2 Sep-Dec) may opt to continue with overseas internship in Term 6 or undertake a longer internship (Y3 Jan-Aug). Students may also embark on an exchange in Term 6 with the possibility of a follow-up summer overseas internship (Y3 May-Aug).

### LEARNING OUTCOMES

**TERM 1**
- **Design Thinking & Innovation**
- **Digital Literacy**
- **Scientific Knowledge Application to Real World Issues**
- **Critical Inquiry**
- **Freshmore**

**TERM 2**
- **Modelling & Analysis**
- **Computational Thinking for Design**
- **Global Humanities: Literature, Philosophy, and Ethics (HASS)**

**TERM 3**
- **Modelling Space & Systems**
- **Technological World**
- **Science for a Sustainable World**
- **Design Thinking & Innovation**

**TERM 4**
- **Modelling Uncertainty**
- **Social Science: Understanding Behaviour, Culture & Society (HASS)**
- **Elective**

**TERM 5**
- **Modelling & Analysis**
- **Computational Thinking for Design**
- **Global Humanities: Literature, Philosophy, and Ethics (HASS)**

**TERM 6**
- **Design Thinking & Innovation**
- **Digital Literacy**
- **Scientific Knowledge Application to Real World Issues**
- **Critical Inquiry**
- **Freshmore**

**TERM 7**
- **Modelling & Analysis**
- **Computational Thinking for Design**
- **Global Humanities: Literature, Philosophy, and Ethics (HASS)**

**TERM 8**
- **Modelling Space & Systems**
- **Technological World**
- **Science for a Sustainable World**
- **Design Thinking & Innovation**

More flexibility to pursue your interests – choose any two of the following electives:
- Science and Technology for Healthcare
- Designing Energy Systems
- Data Driven World
- Spatial Design World

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**SUTD’s hands-on and multi-disciplinary education has given me an edge in implementing solutions quickly and effectively, allowing me to transition swiftly from an intern at nuTonomy to a full-time employee.**

May Quek
SUTD Alumnus
Software Engineer, nuTonomy, an Aptiv company

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**At SUTD, we are blessed to have a close relationship with our teaching faculty. Often when we are stuck with questions from a class or a project, seeking help from our professor is always an option. Even if it is at an ungodly hour. I have more than once gotten a reply from Prof Tee Hui at 4am, half an hour after we sent that email.**

Leong Hei Kern
SUTD Alumnus
Graduate student, ETH Zürich
MANDATORY CORE CURRICULUM

Common Freshmore subjects will be taken in the first three terms, with majors selected after Term 3. This approach provides a broad and rigorous education, and aims to give you a strong base to select and excel in your major of choice from Term 4.

You will take up to seven HASS classes throughout your undergraduate education. Complementing the technical subjects, this exposure provides a comprehensive understanding of the multi-dimensional world you are creating, designing and building for. Be a modern tech leader conscious of the social role and impact of technology and design innovations.

In your graduating year, you will participate in a 2-term Capstone project collaborating with students from different majors to solve real-world challenges from industry partners, using your respective skills.

VARIABLE CURRICULUM

At SUTD, we believe in giving you the flexibility for different pathways and that one size does not fit all. Besides the selection of majors and electives, you have the option to take up minors and specialisations that suit your passions.

MINORS

- Minor in Artificial Intelligence (AI)
- Minor in Design Innovation, Ventures and Entrepreneurship (DIVE)
- Minor in Healthcare Informatics
- Minor in Engineering Product (EP)
- Minor in Engineering Systems (ES)
- Minor in Information Systems (IS)
- Minor in Design, Technology and Society (DTS)
- Minor in Digital Humanities (DH)

SPECIALISATIONS

- Focus tracks offered within a major

Or build a portfolio under an industry aligned with SUTD’s next phase of growth - Aviation, Cities, and Healthcare, supported by capabilities in Artificial Intelligence/Data Science.

OUTSIDE THE CLASSROOM

Broaden your perspectives and be challenged beyond the classroom through:

- Fifth Row (i.e. co-curricular activities)
- Research
- Global exposure
- Internships
**PROGRAMMES**

5 **MAJORS**
Choice of major is only made at the end of the Freshmore year (first three terms)

**ARCHITECTURE AND SUSTAINABLE DESIGN (ASD)**
You will be architects and urban designers of the future. You will not just build structures – you will build better communities and a better tomorrow through the power of design and technology.

- Bachelor of Science (Architecture and Sustainable Design) - 8 terms
- Master of Architecture - Additional 2 terms

**INFORMATION SYSTEMS TECHNOLOGY AND DESIGN (ISTD)**
You are the drivers of the future’s digital development. You will possess abilities in computing and system knowledge in both software and hardware, as well as the power to design machines of the future with augmented intelligence.

- Bachelor of Engineering (Information Systems Technology and Design) - 8 terms

**DESIGN AND ARTIFICIAL INTELLIGENCE (DAI)**
You will be designers and innovators who harness the power of AI to tackle both present and future challenges, improving design using AI across products, systems, services and the built environment.

- Bachelor of Science (Design and Artificial Intelligence) - 8 terms

**ENGINEERING SYSTEMS AND DESIGN (ESD)**
You will be analysts and system engineers who tackle open-ended challenges for organisations with a focus on design, analysis and optimisation. Whatever the challenge, your expertise in systems thinking and economics will find a way forward.

- Bachelor of Engineering (Engineering Systems and Design) - 8 terms
- Bachelor of Engineering (Engineering Product Development) - 8 terms

**SPECIAL PROGRAMMES**

- SUTD TECHNOLOGY ENTREPRENEURSHIP PROGRAMME (STEP)
- SUTD HONOURS AND RESEARCH PROGRAMME (SHARP)
- SUTD-DUKE-NUS SPECIAL TRACK

**SUTD’s multi-disciplinary approach to design and architecture is its key differentiator. Working together with other programmes extends the toolkit and repertoire of an architect, to create tightly integrated and innovative new solutions.**

Jonathan Ng
ASD Alumnus
Master of Architecture student at Harvard Graduate School of Design

On top of our majors, SUTD’s suite of special programmes are designed to stretch your abilities beyond technology and design.

You will be design engineers that believe any challenge can be overcome with an invention or innovation. Using your skills and knowledge to design products, services and systems to solve any problem.

- Specialisations
  - Mechanical Engineering
  - Electrical Engineering
  - Robotics
  - Healthcare Engineering Design
  - Computer Engineering
  - Beyond Industry 4.0
  - Self-Directed Specialisation

**SPECIAL PROGRAMMES**

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GLOBAL EXPOSURE

We offer overseas opportunities for 100% of our students, leveraging the world as your classroom. To better the world, first see and experience the world, and what it needs. Look forward to cultural exchanges, design experiences, research exposure and even launching a global start-up.

1-term Exchange Programmes
Spend an exciting Term 6 living and learning in one of our partner universities worldwide. You will be able to transfer credits earned back to SUTD.

Summer Programmes
We also offer a suite of short-term summer programmes offering varied experiences, from thematic design projects to entrepreneurship.

Vibrant Student Life
Fifth Row is what we call co-curricular activity at SUTD — it is the fifth activity that students do every term in addition to their four academic subjects.

Hostel Life
All Freshmore students will stay in the hostel for the first three terms. Between mass cookouts and impromptu jamming sessions, this is where you make friends for life.

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PREPARING YOU TO TAKE ON THE WORLD

SUTD graduates go on to pursue their passion in graduate school or research, join MNCs and start-ups, or even start their own businesses. SUTD students are passion-driven innovators and some have even founded start-ups before graduation. These include:

- Creating wearable tech - Ring Theory
- Digitising payment solutions - Beep
- Reducing food wastage - UglyFood
- Discover, engage and measure authentic social media influencers with AI - Affable
- Nurturing young innovators - Codomo

Our application is not a test — it is an opportunity for us to learn as much about you as possible. Beyond grades, share with us your passions, abilities and goals.

1. Create an account at admission.sutd.edu.sg
2. Submit your grades, list your CCAs and other achievements (with supporting documents, such as School Graduation Certificate and equivalent), and provide your teachers’ contacts for recommendation letters.
3. Indicate your interest to be considered for scholarships or any special programmes.
4. [Encouraged] Upload any supplementary materials (a link to your blog, a video, etc.) that would tell us why you are a good fit for SUTD.
5. Answer a few personal insight questions. Shortlisted candidates will need to attend an admission interview.

For more details on application, visit sutd.edu.sg/apply

Source: 2020 Joint Graduate Employment Survey by NTU, NUS, SMU, SUSS and SUTD

*Overall employment rate.  
**Mean gross monthly salary.

Hear from our industry partners and discover what gives our graduates an edge.

40 start-ups & growing

More than 1,200 industry partners

95.9% employed within six months of completing final examinations

Highest starting salary across all surveyed universities

>1 in 2 received two or more job offers

>1 in 4 landed return job offers after internship

$4,235 $4,369

2019 2020

Highest starting salary among all surveyed universities

*Highest starting salary across all surveyed universities

1 in 2 in 2020

Overall employment rate.

Mean gross monthly salary.

Source: 2020 Joint Graduate Employment Survey by NTU, NUS, SMU, SUSS and SUTD

*Received two or more job offers

2020 joint graduate employment survey by NTU, NUS, SMU, SUSS and SUTD

1 in 2

Overall employment rate.

Mean gross monthly salary.

Source: 2020 Joint Graduate Employment Survey by NTU, NUS, SMU, SUSS and SUTD

*Received two or more job offers

2020 joint graduate employment survey by NTU, NUS, SMU, SUSS and SUTD
FINANCING YOUR SUTD EDUCATION

SUTD’s admissions policy is need-blind and merit-based. If you are a right fit for SUTD, we are committed to making it accessible for you.

For more details on financing your studies, visit sutd.edu.sg/UGfinancing

SUTD EDUCATION OPPORTUNITY GRANT (SEOG)

SEOG is a financial package aimed at helping students with demonstrated financial need to offset the educational expenses at SUTD. Eligible students are guaranteed the following:

- Covers up to 100% tuition fees & hostel fees
- No interviews, no bonds
- No limit to the number of recipients

With this upfront guarantee, you can now take financing out of your enrolment decision and focus on pursuing your interests and passions at SUTD without having to worry about affordability.

For more details, visit sutd.edu.sg/SEOG

SUTD COMMUNITY GRANT

This grant was introduced in AY2020 to help students who do not receive a scholarship or qualify for financial aid, to defray the costs of an SUTD education. For details on eligibility, visit sutd.edu.sg/communitygrant

- $1,500 per academic term to offset tuition fees
- No application needed

Eligible students will automatically benefit

TUITION FEES

To mitigate the impact of these challenging times, SUTD will freeze tuition fee increases for Singapore Citizens admitted to government-subsidised undergraduate programmes in AY2020.

Subsidised tuition fees per term:

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Singapore Citizen</td>
<td>S$6,600</td>
</tr>
<tr>
<td>Singapore Permanent Resident</td>
<td>S$9,300</td>
</tr>
<tr>
<td>International Student</td>
<td>S$14,225</td>
</tr>
</tbody>
</table>

Above tuition fees are for new students admitted in AY2020. For latest fees, please visit sutd.edu.sg/fees

SCHOLARSHIPS

Outstanding students can be considered for attractive, prestigious scholarships. For more details, visit sutd.edu.sg/scholarship

- 100% bond-free
- >100 with funded overseas exposure

SUTD GLOBAL EXCELLENCE SCHOLARSHIP

One of our most prestigious scholarships, it is dedicated to further realising outstanding students’ potential by supporting your personal development, including postgraduate studies and more.

- Bond-free
- Covers subsidised tuition fees for the normal duration for the bachelor’s degree programme (eight academic terms)
- Programme fees and travel grant for the Global Leadership Programme
- Study-related allowance of $S$5,000 every two academic terms
- Grant of up to $S$15,000 to cover the tuition fees for a post-graduate degree programme at either SUTD or SMU (for eligible courses) within three years upon graduating from SUTD

“SUTD’s unique multi-disciplinary curriculum gives their graduates an edge in integrated solution and systems thinking, especially important under the changing aviation landscape.”

Mr Yam Kum Weng
Executive Vice President, Airport Development
Changi Airport Group
For enquiries: sutd.edu.sg/prospectivestudent
Scan for more about SUTD.