

A Better World by Design:

Educating Technically-grounded Leaders and Innovators for the 21st Century

Ms Lim Su Fang
Director, Office of Admissions

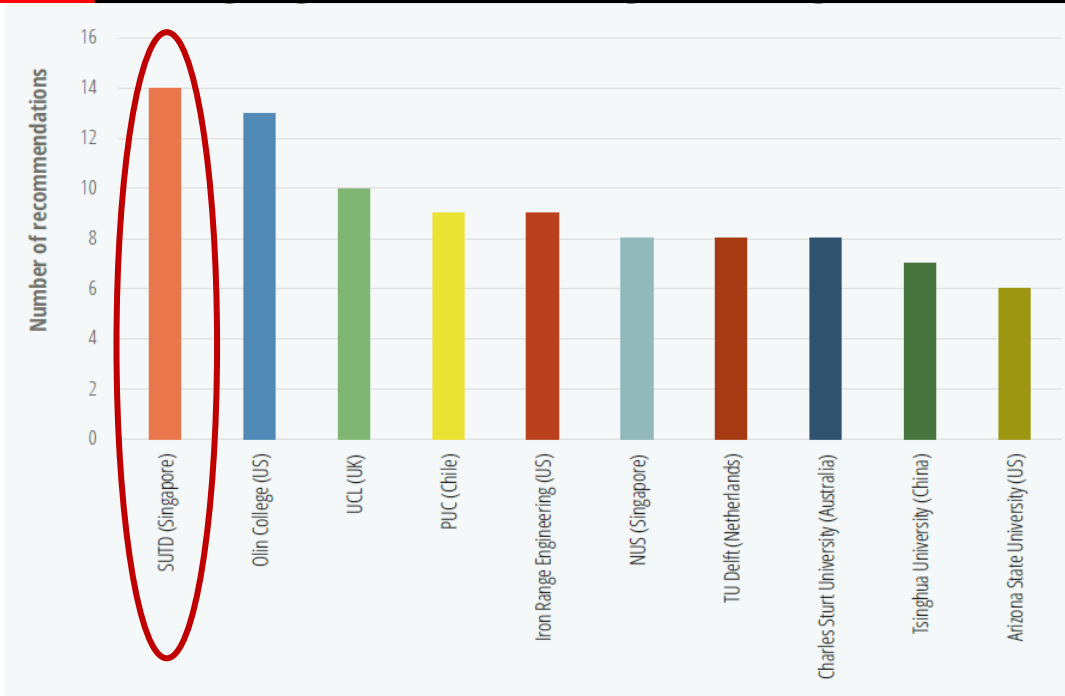
OUR UNIQUE VALUE PROPOSITION



SINGAPORE UNIVERSITY OF
TECHNOLOGY AND DESIGN

- To advance knowledge and nurture technically-grounded leaders and innovators to improve lives
- Focus on **Design** through integrated multi-disciplinary curriculum and research

TOP Emerging Leader in Engineering Education



Global State of Art in Engineering Undergraduate Education, MIT (March 2018)

Based on interviews with 50 global thought leaders in engineering education

SUTD was most frequently cited of 89 universities from across 27 countries

Education quality based on:

- Quality and impact of graduates
- Value-added to students
- Capacity to deliver world-class education

DISTINCTIVE PEDAGOGY

Active and Self-Directed Learning

AT SUTD,
WE HAVE AN
11:1
STUDENT
TO
FACULTY
RATIO

OUR WAY OF
LEARNING IS
→ **HANDS-ON**
→ **COLLABORATIVE**
→ **INTERACTIVE**

THEORIES ARE BROUGHT
→ **TO LIFE** ←
AND YOU LEARN BY
EXPERIENCING THEM.



Encourages ENTREPRENEURSHIP and SELF-DIRECTED LEARNING



Start-ups created in the areas of

Disabling disabilities, Creating wearable tech, Improving personal mobility devices,
Nurturing young innovators

UROP

Every student has opportunity to do research.
1/3 of students participated.

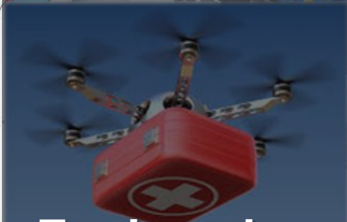
What the World Needs in 4 Pillars

An Outside-In Approach

Products



**Engineering
Product
Development**



Systems



**Engineering
Systems and
Design**



Services



**Information
Systems
Technology
and Design**



Architecture



**Architecture
and
Sustainable
Design**

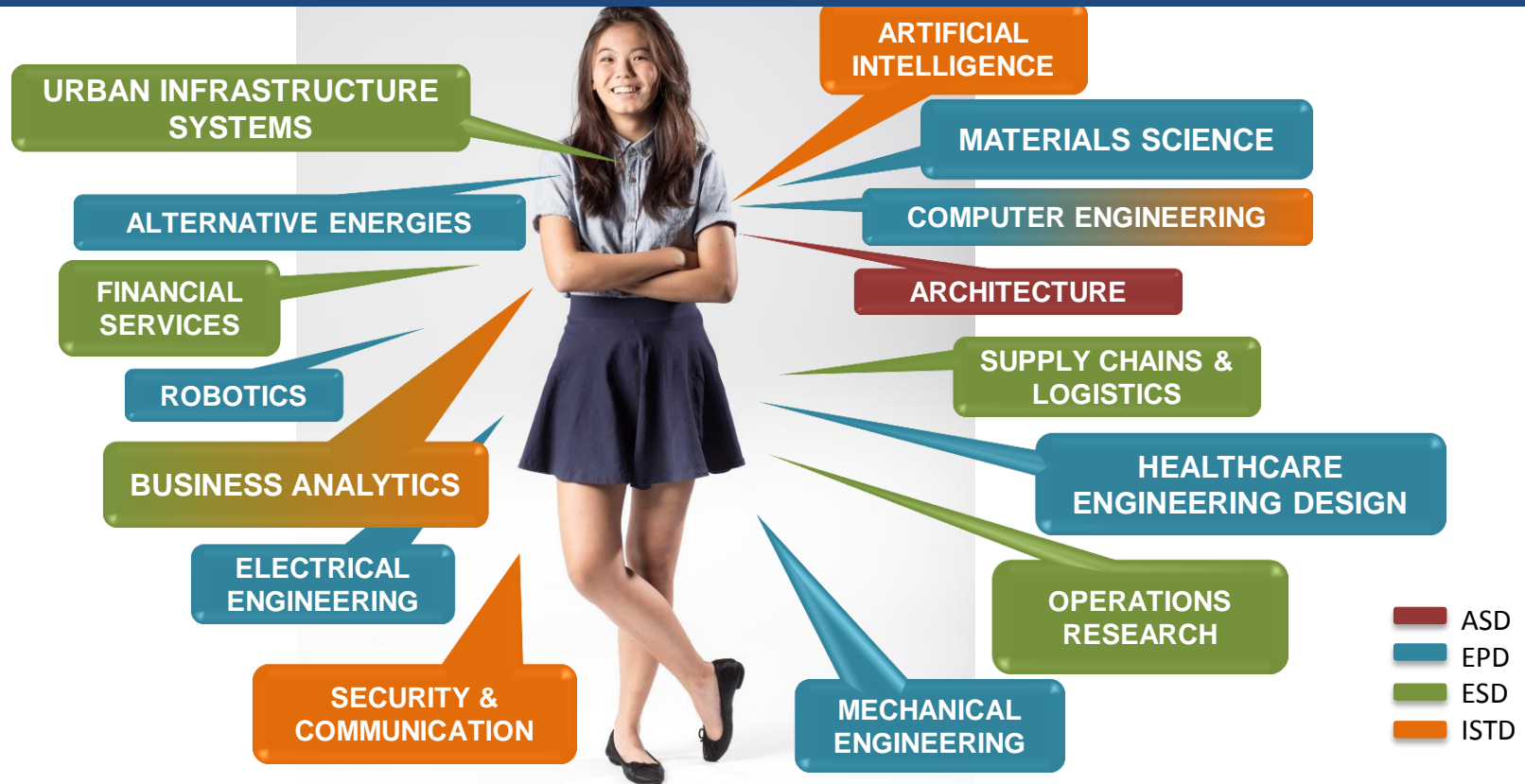


Humanities, Arts & Social Sciences

Common Freshmore before declaring Pillar (guaranteed)

PILLAR TRACKS AND MINORS

Many Options Catering to Different Interests



ALL Engineering students will have the option to pursue a **Minor** on top of the pillar major **(new!)**

Design,
Technology &
Society



Design Innovation
Venture &
Entrepreneurship



Digital
Humanities



Artificial
Intelligence



Engineering
Systems



Engineering
Product



Information
Systems



SPECIAL PROGRAMMES

Technology +



ENTREPRENEURSHIP

SUTD Technology
Entrepreneurship Programme (STEP)



MEDICINE/HEALTHCARE

SUTD-Duke-NUS
Special Track



RESEARCH *(new!)*

SUTD Honours and Research Programme
(SHARP)

GOOD JOBS AND TOP SALARIES

3 Years in a Row – Class of 2017

| University | Overall Employment Rate | | Full-Time Permanent Employment Rate | | Mean Gross Monthly Salary | | Median Gross Monthly Salary | |
|---|-------------------------|-----------------------|-------------------------------------|-----------------------|---------------------------|-------------------------|-----------------------------|-------------------------|
| Comparison of 3 AUs Combined Data with SUTD | | | | | | | | |
| | 2016 | 2017 | 2016 | 2017 | 2016 | 2017 | 2016 | 2017 |
| NTU, NUS & SMU | 89.5% | 88.9% | 79.9% | 78.4% | \$3,509 | \$3,613 | \$3,300 | \$3,400 |
| SUTD | 91.0% | 91.4% ⬆️ | 84.0% | 86.2% ⬆️ | \$3,853 | \$3,859 ⬆️ | \$3,650 | \$3,700 ⬆️ |

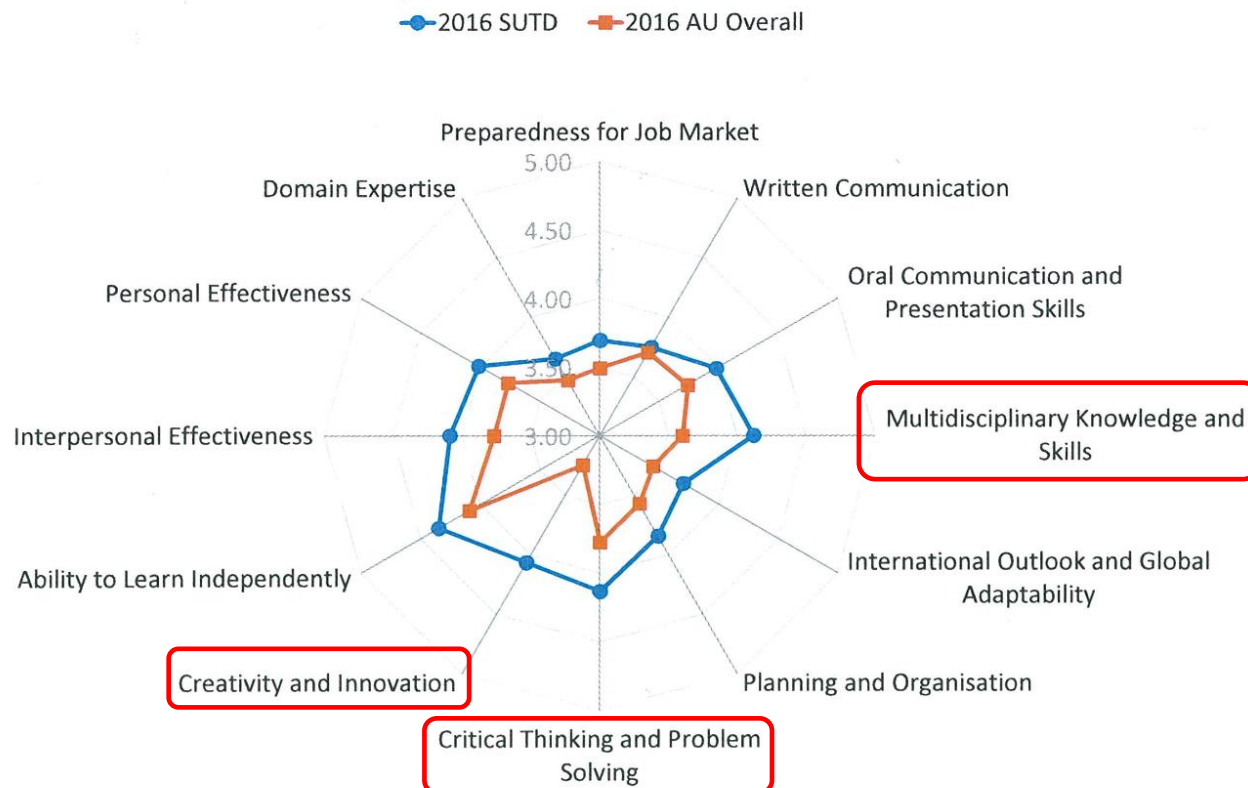
Source: Graduate Employment Survey 2017 jointly conducted by NTU, NUS, SIT, SMU and SUTD

100% overall & full time permanent employment rate for ISTD

Our graduates secured jobs in **70%** of Singapore's key industries. Top hiring sectors include Information & Communication, Scientific Research & Development and Financial & Insurance

HOW OUR GRADUATES PERCEIVE THEMSELVES

Graduates' Education and School Experience, GES 2016



SUTD's 2016 performance was **significantly above the AU sector average**, particularly for SUTD graduates' perception of having been equipped with **multidisciplinary knowledge and skills**, and having had their **creativity and innovation** fostered.

"I recruit from the best schools across US like MIT and University of Chicago. The SUTD students are as good as any I have seen and hired."

Dwight Hutchins, MD Asia Pacific, Accenture

SINGLE APPLICATION

for Admission and Scholarship

Comprehensive assessment based on ...

- Academic results
 - A Level / IB Diploma / NUSH Diploma / Polytechnic Diploma (emphasis on Math and Sciences)
 - SAT (optional)
- Non-academic aspects
 - Personal statement
 - Teacher recommendations
 - CCA
 - Portfolio (optional)

Indicative Profile

| Subjects taken at H2 | Those who took the subject | Those who scored an A or B |
|----------------------|----------------------------|----------------------------|
| Mathematics | 99% | >85% |
| Physics | 79% | >75% |
| Chemistry | 85% | >75% |

Apply for Special Programmes as part of admission application.

Shortlisted students will be interviewed



RECOGNIZING OUTSTANDING STUDENTS

About 200 scholarships awarded yearly

Scholarship for STEP:

**SUTD Technology Entrepreneurship
Programme Scholarship**

Scholarships for all other SUTD programmes:

**SUTD Global Distinguished
Scholarship**

SUTD Global Merit Scholarship



**Guarantees and funds Global Leadership
Programme (GLP):** 8-12 weeks summer
programme at our partner institutions

And many more attractive donor scholarships ...

Nurturing **Industry-**, **Region-**, **Future-** ready graduates

Our Key Focus Areas over next 5 years:
SMART NATION

Cities



Aviation



Healthcare



Artificial Intelligence/
Data Science



Industry projects, courses, internships, overseas exchanges for students in all pillars



COME BE INSPIRED
FROM **MORNING**



TILL **NIGHT**

23 & 24 FEB

SUTD OPEN HOUSE 2019

23 Feb (Saturday)

11AM TO 10PM

/ NIGHT FIESTA STARTS AT 6PM

24 Feb (Sunday)

11AM TO 6.30PM

A BETTER WORLD BY DESIGN.

GIVEAWAY



**Register
online
for an
exclusive
SUTD
tote bag**

REGISTER NOW
openhouse.sutd.edu.sg

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TECHNOLOGY AND DESIGN