SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN

DESIGNING WITH AI TO SERVE HUMAN NEEDS.

AI—A TOOL, PARTNER AND NEITHER.

The World's First Design • AI University

OTHERS TEACH AI AS A TOOLSET.
WE TEACH IT AS A MINDSET.

AI—A CREATIVE COLLABORATOR AND INNOVATION CATALYST.

TRAILBLAZING A BETTER WORLD BY DESIGN.

A NEW WORLD DEMANDS A NEW MINDSET



A NEW MINDSET DEFINES HOW SUTD STUDENTS LEARN, THINK AND CREATE

THE FIRST Design·AI UNIVERSITY FOR THE NEW WORLD

AI ALONE IS JUST DEEP TECH. Design·AI AT SUTD GOES FURTHER—

a bold integration of AI with a holistic view of design, embracing creativity, ethics, empathy, critical thinking, purposeful action, and a commitment to solve human and societal challenges.

Here, AI is both a creative partner that fuels imagination and an innovation partner that simplifies complexity and drives breakthroughs.

And in a world where AI is able to outthink, outcode and outperform even the brightest of individuals, the human element has never been more important. Our graduates will learn to employ human insight, empathy and ethical judgment for what they choose to build and for whom they build.

This is how SUTD sets a new standard for human-AI collaboration: designing a future not just with intelligence, but with intention.

DIVE DEEPER INTO SUTD'S Design·AI

Design·AI IS IN ALL SUTD PROGRAMMES —SPANNING EDUCATION, RESEARCH, AND ENTERPRISE.



AN INNOVATION-FOCUSED EDUCATION

Innovation is the hallmark of our education and SUTD is purpose-built for that from day one.

Competing head-on with AI solely based on mastery of knowledge will be impossible. DIVE (Design·AI **Innovation and Venture Exploration)**, our newest initiative in response to the rapidly changing global demands in the face of AI will arm you to **learn through doing and building, interdisciplinary collaboration and scaling ideas into real-world solutions**.

Through DIVE, you will be **working alongside not just likeminded peers and professors but with industry mentors and postgraduate innovators**. You will have **more opportunities** to experiment boldly, work across disciplines, learn domain knowledge, develop prototypes, build ventures and test ideas with real users and industry partners. Some will even get a chance to work with companies as Design·AI specialists to gain domain experience before you graduate.

DIVE includes **financial grants, global internships, a mentorship network and a residential college**. It is not just about innovating on your projects, but learning how to spot opportunities, look for funding (and get it) for your ideas.

At SUTD, **DIVE opportunities are for everyone, not just a select few**.

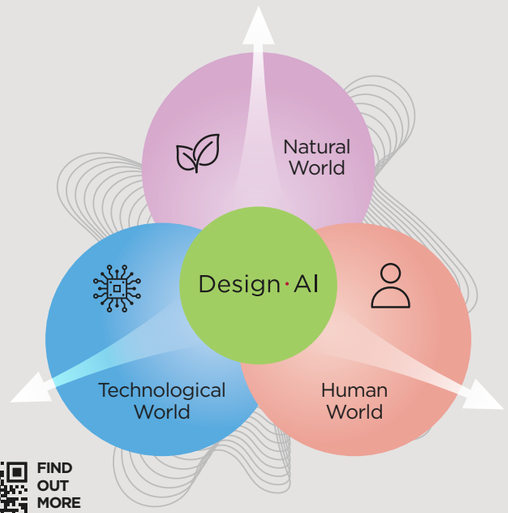
Learn more about DIVE.

YOUR FIRST STEP INTO Design·AI

Freshmore—your first three terms—marks the start of every SUTD journey. Our reimagined Freshmore curriculum equips you with the strong foundations and skills to thrive at the world's first Design·AI university.

Courses integrate Design with AI from day one, building both technical depth and human-centred skills to broaden your readiness and strengthen the capabilities you'll need for an excellent career.

YOU'LL DEEPEN YOUR UNDERSTANDING OF THE HUMAN, NATURAL, AND TECHNOLOGICAL WORLDS, WHILE BUILDING TRANSDISCIPLINARY FLUENCY IN Design·AI TO TACKLE COMPLEX REAL-WORLD CHALLENGES.



FIND OUT MORE

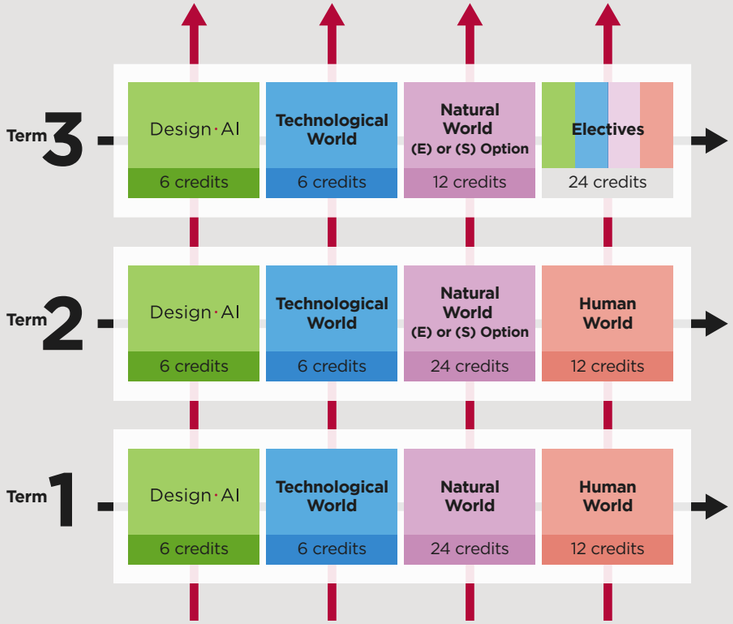
Across three terms, you will:

- Gain strong foundations in **Science, Mathematics and Technology (SMT) and Humanities, Arts and Social Sciences (HASS)**.
- Experience Design·AI **courses** in every term to hone your Design·AI **skills and competencies**.
- **Bring your learning to life with hands-on projects** in every course, where theory turns into action.
- **Choose either the (E) or (S) options of key courses:** the (E) option offers a stronger focus on engineering applications, while the (S) option emphasises social sciences applications —**giving you the flexibility to match your interests.**
- Empower yourself **with interdisciplinary 2D projects each term**, bringing together what you learn from each term's disciplines to tackle real-world challenges.

Our new Freshmore curriculum prepares you not only for your chosen major, but also for life well beyond graduation

—shaping you into a human-centred design innovator, ready to connect knowledge across disciplines and design a better future with Design·AI.

Build strong foundations in every discipline, across and within terms, while developing interdisciplinary fluency that links them together.



HUMAN-CENTRED DOMAIN INTELLIGENCE (HDI) SECOND MAJOR

All SUTD students across all five majors are eligible for the HDI second major.

For DAI students, HDI offers the opportunity to acquire further domain expertise in areas such as manufacturing and healthcare. For students from ASD, CSD, EPD and ESD, it provides more in-depth human-centred Design·AI expertise.

FIND OUT MORE

5 UNDERGRADUATE PROGRAMMES

ASD Architecture and Sustainable Design
BACHELOR OF SCIENCE

CSD Computer Science and Design
BACHELOR OF ENGINEERING

DAI Design and Artificial Intelligence
BACHELOR OF SCIENCE
SUPERCHARGED

EPD Engineering Product Development
BACHELOR OF ENGINEERING

ESD Engineering Systems and Design
BACHELOR OF ENGINEERING

FIND OUT MORE

SCHOLARSHIPS

Outstanding students can be considered for attractive, bond-free scholarships either by SUTD or supported by donors. These scholarships for undergraduates provide opportunities for overseas exposure as well as for the development of leadership skills as a University Ambassador.

FIND OUT MORE

GRADUATE PROGRAMMES**

MASTER'S PROGRAMMES

Master of Engineering

- Master of Engineering (Interdisciplinary)
- SUTD-CGU Dual Masters Programme in Nano-Electronics Engineering and Design

Master of Architecture

Master of Science (Coursework)

- Master of Science in Design and AI for Enterprise
- Master of Science in Security by Design
- Master of Science in Urban Science, Policy and Planning

Master of Science in Technology and Design (Coursework), offered in the following tracks:

- Advanced IC Design and Technology
- AI and Technology in Education (Bilingual Programme: English & Chinese)
- Architectural Design Computation
- Cybersecurity
- Data Science
- HealthTech Innovation
- Human-Centred Design
- IC Design, Failure Analysis and Reliability
- Robotics & Automation
- Sustainable Product Design
- Sustainable Urban Design

PHD PROGRAMMES

- SUTD PhD Programme
- SUTD-NUS Joint PhD Programme
- SUTD Engineering Doctorate (EngD) Programme

FIND OUT MORE

** Programmes offered are subject to change from year to year. Please scan QR code for latest updates.

SUTD ACADEMY (CONTINUING EDUCATION AND TRAINING)

Upskill and stay abreast of today's tech-driven economy with a comprehensive range of long and short-term programmes.

- Customised Corporate Training Programme
- Executive Programme
- ModularMaster Programme
- Professional Certificate Programme
- Short Courses
- SkillsFuture Career Transition Programme (SCTP)
- Stackable Programme

FIND OUT MORE

WHY SUTD?

The only Design·AI university in the world to offer a truly unconventional, interdisciplinary education.



Redefining innovation with transformative solutions:

Our drone-derived technologies have been applied in various instances, including viaduct and tree inspection, building and Supertree cleaning, weather-data collection, and even egg-retrieval operations.

Mustango:
First-of-its-kind AI model that generates music from text prompts.

THE SUTD DIFFERENCE

SUTD's Design·AI
As the pioneer of design education in Singapore, SUTD has built the strongest foundation in design—and now takes it further with Design·AI. Dive into the full spectrum, from ideation to implementation, where design is seamlessly integrated with AI. This unique, all-encompassing training fuels creativity, sharpens critical thinking, and nurtures innovation to create human-centric solutions in an AI-driven world.

ENGAGE WITH COMPANIES TO SOLVE REAL-WORLD CHALLENGES
Throughout their time with SUTD, undergraduates will have worked on over 20 different design projects spanning diverse, emerging real-world challenges. Our strong industry ties also ensure that all students can look forward to experiences such as consulting with Dyson engineer mentors in the Dyson-SUTD Innovation Studios.

GLOBAL EXPOSURE FOR ALL UNDERGRADUATES
Travel the world through field trips, exchange programmes and internships.

11:1 STUDENT TO FACULTY RATIO
Enjoy small classroom sizes for more effective, collaborative learning.

THEORIES BROUGHT TO LIFE
Learn through interactive, hands-on classroom experiences—from simulations and live demos to designettes and more. Bring your ideas to life at the SUTD Fabrication Lab and the new DAI Fab Lab, a dedicated facility for students and faculty to explore, experiment and shape the future of innovation.

DIVERSE PERSPECTIVES
Embrace diversity with a cohort that is approximately 40% female.

AN INTERDISCIPLINARY EDUCATION FOR A NEW AI FUTURE

SUTD is the only university in the world where Design·AI is seamlessly woven into every discipline and every stage of learning. Whether in architecture, engineering, computing, or product innovation, Design and AI are never taught in isolation—they are integrated with humanities, arts, and social sciences to provide both technical mastery and human-centred perspective.

In our classrooms, labs, and industry partnerships, Design·AI comes alive in team-based settings—not one-human-one-AI, but many humans and many AIs collaborating on real-world challenges. Students, researchers, and partners work side by side to discover problems, design and prototype solutions, test with users, and refine through feedback until they are robust, ethical, and impactful.

This hands-on pedagogy turns theory into practice and equips our community with the creativity, systems thinking, and ethical awareness to harness AI wisely and innovate responsibly. The outcome is a new generation of human-centric design innovators who are adaptable, entrepreneurial, and ready to co-create a future that is sustainable, ethical and transformative.

Do you know that SUTD students of different majors work together on their Capstone projects to design interdisciplinary solutions for our industry partners?

CHECK OUT SOME OF OUR CAPSTONE PROJECTS:

Seaforms
A sea city built out of modular, self-sustainable floating platforms to tackle land scarcity and rising sea levels.

UImagine
An AI-powered website builder that enables anyone to create a fully functional site in minutes—just describe it in plain English, no coding needed.

EmpathIQ
An AI-powered, web-based communication coach that trains medical students through a virtual patient simulator, providing real-time, personalised feedback on tone, expressions, and conversational skills.

TRILINGUAL DESIGN INNOVATORS

We aim to graduate **trilinguals** with domain expertise, AI mastery and **design skills** – all of which will **fundamentally transform how work is done to raise speed and quality of outcomes**.

PREPARE TO TAKE ON THE WORLD

KICK-START YOUR CAREER JOURNEY

AT SUTD, you'll complete at least one internship with our extensive network of over 1,400 industry partners. We achieved strong graduate employment results despite uncertainties in the global economy.

Discover our latest Graduate Employment Results.

$4,900
Median gross monthly salary.

$5,041
Mean gross monthly salary.

1 in 3
received two or more job offers.

8 in 10
Design and Artificial Intelligence graduates secured employment within six months of graduation.

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

+++ Yam Kum Weng
Chief Executive Officer (CEO) of Changi Airport Group

Source: 2025 Graduate Employment Survey, Ministry of Education, Singapore

Our graduates are highly sought after by top employers locally and internationally that include:

- A*STAR
- Accenture
- Advanced Micro Devices
- Changi Airport Group
- Citibank
- Cognizant Technology Solutions
- CPG Corporation
- DBS BANK
- Defence Science and Technology Agency
- DP Architects
- DSO National Laboratories
- Dyson
- EY
- Government Technology Agency (GovTech)
- Hewlett Packard Enterprise
- Home Team Science and Technology Agency
- Infineon Technologies
- JPMorgan Chase & Co
- Land Transport Authority
- LionsBot International
- Micron
- Ministry of Home Affairs
- NCS
- PricewaterhouseCoopers
- Schneider Electric
- Shopee
- Singtel
- SMRT Corporation
- ST Engineering
- Surbana Jurong
- Visa

THE SUTD ENTREPRENEURIAL DNA

Fuelled by the power of innovation and Design·AI, SUTD has nurtured a vibrant entrepreneurial culture, with more than 80 start-ups founded by our students and alumni. Discover some of them here.

BIFROST
The data platform for robotics.

ROLO ROBOTICS
Reimagining kitchens, powered by robotics and AI.

AIDX TECH
Delivering a fully automated platform for AI safety, reliability & compliance testing.

STICK'EM
Bringing quality STEAM education to every child.

- Global Champion of the 2025 Hult Prize
- Adam Huh Dam (Co-Founder), 2025 Forbes 30 Under 30 Asia



Learn about our SUTD faculty, alumni and students featured in Forbes 30 under 30 Asia Class of 2023.

CORNERSTONES OF THE SUTD EXPERIENCE

LEVERAGING THE WORLD AS YOUR CLASSROOM

Build a global perspective with opportunities to travel the world through exchange programmes, overseas innovation trips, summer and winter programmes, research programmes, internships and more.

ALL STUDENTS++

will have opportunities for global exposure and immersion.

78
partner universities in 25 countries.

> 360
student exchange opportunities.

> 30
summer and winter programmes.

DIVE GLOBAL IMMERSION

Overseas Innovation Trips

++ Includes trips, internships and collaborations with international companies.



WORLD-CLASS FACULTY

TOP 2%

One in four of SUTD's faculty are ranked among the top 2% of the world's best scientists^^, so you'll be learning and working alongside some of the best in the world!

^^Source: Database released by Stanford University and Elsevier BV that identifies the world's top scientists across 22 scientific fields and 174 sub-fields.

RESEARCH OPPORTUNITIES

Besides working on industry projects during class, you'll also have the chance to be part of groundbreaking research.

All undergraduates get to do research right from Day One, with ready access to funding and faculty mentors.

90 tenure-track faculty, **387** researchers, and **587** PhD and Masters students.

544 technology disclosures, **307** patents filed, and **51** patents granted.

Over **$717** million external research funding secured since 2010.

Category Normalised Citation Impact (three-year average) —**1.82**

11 research centres, conducting research in diverse areas from aviation, cities and future communications to design, AI, cybersecurity, and beyond.

Data accurate as of May 2026

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