



SINGAPORE UNIVERSITY OF
TECHNOLOGY AND DESIGN

INBOUND EXCHANGE GUIDE

SPRING / SUMMER / FALL / SUMMER & FALL iUROP TERMS



ADVISORY ON COVID-19

ENTRY INTO SINGAPORE

Entry into Singapore is subjected to approval by Immigration and Checkpoints Authority (ICA).

SUTD requires all exchange students to be **fully vaccinated for COVID-19** according to the Singapore Government's prevailing definition before arrival into Singapore.

Please go through the information on the ICA website carefully and comply to all required measures and procedures.

Find out more at <https://www.ica.gov.sg>

COVID-19 MEASURES

SUTD: All physical classes, labs and projects in SUTD have resumed.

Singapore in general: Mask wearing is optional, but still required in healthcare facilities and residential care settings.

As the COVID-19 situation remains fluid, measures are subjected to changes according to prevailing regulations.

Find out more at <https://www.moh.gov.sg>



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**ENGLISH
SPEAKING**

**GLOBAL
EDUCATION**



**CLEAN, GREEN
AND SAFE**

**CULTURAL
MELTING POT**



SINGAPORE

YOUR IDEAL EXCHANGE DESTINATION



**GATEWAY
TO SOUTH
EAST ASIA**

**FOOD
PARADISE**



**CONVENIENT
TRANSPORTATION**



**ROBUST
ECONOMY**



WHY SUTD?



**>90% CURRICULUM
DEVELOPED BY MIT**



**11:1 STUDENT
TO FACULTY RATIO**



**UNDERGRADUATE
RESEARCH
OPPORTUNITIES**



**INTERDISCIPLINARY
CURRICULUM**



**DESIGN-CENTRIC
EDUCATION**



**ENTREPRENEURSHIP
CULTURE**



**HANDS-ON &
COLLABORATIVE
LEARNING**



**STATE-OF-THE-ART
CAMPUS &
FABRICATION LAB**



**VIBRANT CAMPUS
LIFE: >80 STUDENT
ORGANISATIONS**

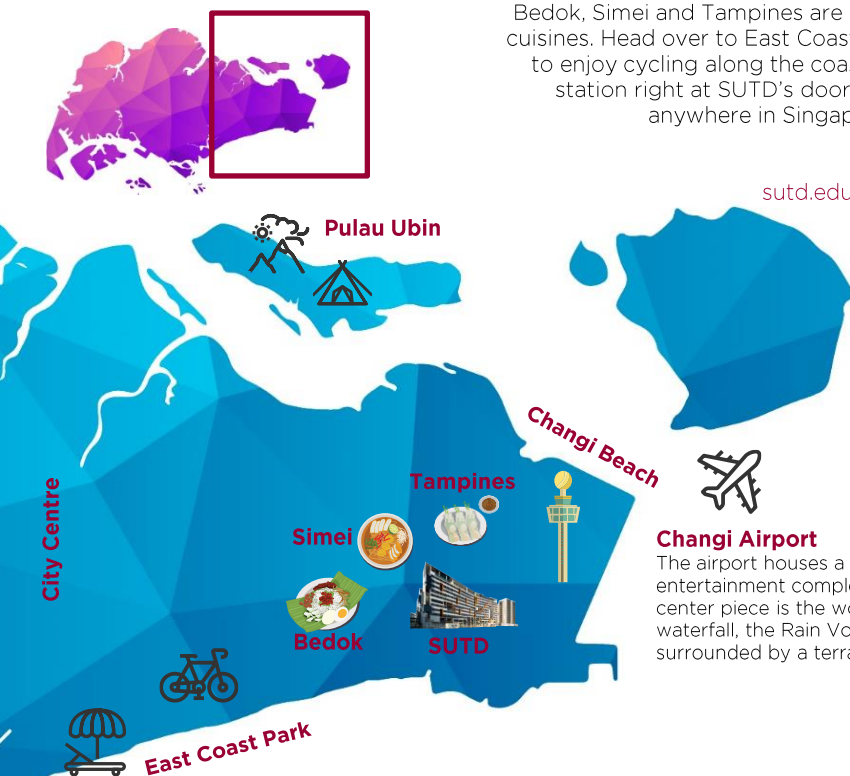
SUTD is Singapore's 4th public university and one of the world's first university to incorporate the art and science of design and technology into its interdisciplinary curriculum and research. SUTD was established in collaboration with MIT and incorporates elements of entrepreneurship, management and design thinking in its unique programmes. We welcome students from partner universities to join us for a term of exchange and be part of this unique and dynamic culture and environment!



CAMPUS LOCATION

Located in the eastern part of Singapore, SUTD's campus is only 10 minutes from the Changi International Airport and 35 minutes to the city centre. The nearby towns of Bedok, Simei and Tampines are treasure troves of local cuisines. Head over to East Coast Park or Changi Beach to enjoy cycling along the coast. There is even a train station right at SUTD's doorstep that brings you to anywhere in Singapore! It's so convenient!

Find out more at
sutd.edu.sg/About/Contact-Us



Changi Airport

The airport houses a mega retail and entertainment complex named Jewel. Its center piece is the world's tallest indoor waterfall, the Rain Vortex, which is surrounded by a terraced forest setting.

FULL ACCREDITATION, INTERNATIONALLY RECOGNISED

Our Bachelor of Engineering and Master of Architecture degree programmes have received full accreditation from the Engineering Accreditation Board (EAB) and the Board of Architects (BOA).

Find out more at
sutd.edu.sg/About/Overview/Accreditation



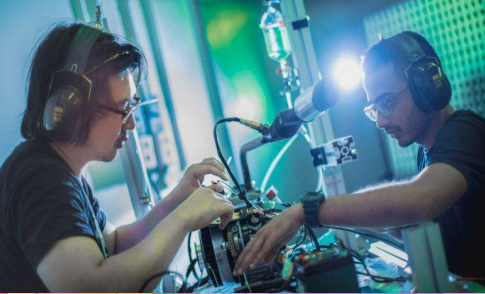
ARCHITECTURE ✓



ENGINEERING ✓

01 MOUNT SUTD

8 daredevil climbers from SUTD Mountaineering Club claimed a 6056m virgin peak in Indian Himalayas (in comparison, Mount Everest stands 8848m tall). This makes SUTD the only university in Singapore to officially 'have a mountain to our name'!



02 THE FAB LAB

Fab is both Fabrication (officially) and Fabulous (unofficially). Students have full access to this makerspace and its world-class arsenal of 3D printers, CNC milling machines, waterjets, metal and woodwork machines, and many more. Here you will find students creating virtually anything and realising their ideas!

5 COOL FACTS ABOUT SUTD

03 CNY LIGHT-UP

Since 2012, SUTD students have brightened up the streets of Chinatown with their light installations, ranging from a 108m-long dragon to a 10m-tall, 400kg horse and a rooster designed with more than 5,500 lanterns.



04 MASTERPIECES IN SUTD

As you walk the campus grounds, try locating the four antique Chinese buildings donated by Jackie Chan! Bonus points if you find the 2.7m bronze Beethoven sculpture cast by German artist Markus Lüpertz and the 8-metre Pioneer Wall by Japanese artist Tomoyuki Kambe.



05 START-UP CULTURE

SUTD alumni have been busy making their mark in the local start-up scene! Some success stories include (these)abilities, a company designing everyday products for Persons with Disabilities; Codomo, an education start-up imparting design innovation know-how to aspiring youth; and Team Homage, an online platform delivering certified care to meet growing in-house care needs.



HEAR FROM OUR EXCHANGE STUDENTS



The university environment is really nice and the way the course are thought is really innovative and up-to-date. If you're looking for a warm temperature all year long, definitely consider doing an exchange here.

Zaccaria Di Giorgio,
University of Twente, The Netherlands

Besides the academic works, we also explored Singapore and other countries in South-east Asia together. It was an interesting and memorable experiences for me to have a trip with lots of friends from different countries. I never knew I would be able to meet so many friends from all over the world!

Yang Tzu-Hsuan, National Taiwan University



SUTD is unique due to the interactive atmosphere and the many project work to test our application of the subject. These hands-on experience strengthen our problem-solving skills and better prepare us for challenges in workplace.

Ronald Shek, Hong Kong University of Science and Technology

I was able to get involved with a group of futurist thinkers whom I learned the importance of pursuing technological innovation with knowledge of social, economic and political issues that plague the world.

Ganesh Chandrasekaran, University of Maryland, USA



I am emerging from this summer with a clear goal and tangible career path that I am passionate about and want to actively pursue. For the first time, I feel like I have a decisive direction for my life, and this exchange was like the compass showing me the way.

Rachael Boyle, UC Berkeley, USA



One of the best thing about SUTD is that they have a lot of projects throughout the term, which is great as I get to implement the theories I've learnt during the lessons.

Madeleine Berner, KTH Royal Institute of Technology, Sweden



PILLARS / CLUSTER / PROGRAMMES

EPD

ENGINEERING PRODUCT DEVELOPMENT

EPD prepares you for the leadership in conception, design, implementation and operation of innovative technology-intensive products.

ESD

ENGINEERING SYSTEMS AND DESIGN

ESD prepares you for the design, analysis, optimisation and management of large-scale complex systems.

ISTD

INFORMATION SYSTEMS TECHNOLOGY AND DESIGN

ISTD prepares you to design integrated software / hardware systems that interact with humans and machines.

ASD

ARCHITECTURE AND SUSTAINABLE DESIGN

ASD prepares you for future needs of architecture in a digital era – ecological urban architecture, designing smart cities with big data, advanced design computation, digital fabrication etc.

DAI

DESIGN AND ARTIFICIAL INTELLIGENCE

DAI prepares you to harness the power of AI to tackle both present and future challenges, improving design using AI across products, systems, services and the built environment.

HASS

HUMANITIES, ARTS AND SOCIAL SCIENCES

HASS helps you acquire capacity for self-reflection and critical thinking in order to nurture leaders deeply aware of the social role and impacts of innovation in the fields of technology and design.

SMT

SCIENCE, MATHEMATICS AND TECHNOLOGY

SMT provides you with an engaging and hands-on learning experience to build a strong foundation in sciences and mathematics that cut across disciplines.





INTERNATIONAL UNDERGRADUATE RESEARCH OPPORTUNITIES PROGRAMME (iUROP)

iUROP provides exchange students the opportunity to work together with SUTD faculty and students on cutting edge and innovative research projects. Exchange students will be able to participate in the different phases of research activity which include, developing research plans, writing proposals, conducting research, analyzing data and presenting research results in oral and written form. Besides immersing in SUTD's rich research culture, exchange students also get the chance to gain multicultural and interdisciplinary design perspectives.

Each exchange student is allowed to take one iUROP project per term. The exact number of hours depends on the project duration, project nature, students' progress and arrangement with project supervisor, as well as students' own time management.

Find out more at sutd.edu.sg/iUROP

Note: iUROP is currently not open to exchange students from Texas A&M University (iUROP Max only), Cardiff University and The Hong Kong University of Science and Technology. 8-weeks Summer iUROP Meta is only open to exchange students from University of California (UCEAP).

Nature	iUROP	Credits	Term Offered	Min workload	Remarks
Part-time research (to be taken with other course-work)	iUROP Lite (14 wks)	No	Spring, Summer and Fall	12 hours per week	A certificate of iUROP participation subject to supervisor's recommendation
	iUROP Mezzo (14wks)	Yes (12 credits)	Spring, Summer and Fall	12 hours per week	12 credits upon successful completion of the project with a Pass grade
	iUROP Meta (14 wks)	Yes (24 credits)	Spring, Summer and Fall	24 hours per week	24 credits upon successful completion of the project with a Pass grade
Full-time research	iUROP Max (10 or 14 wks)	Yes (48 credits)	Summer and Fall only	48 hours per week	48 credits upon successful completion of the project with a Pass grade
	iUROP Meta (8 wks)	Yes (24 credits)	Summer for UCEAP only	38 hours per week	24 credits upon successful completion of the project with a Pass grade

MORE THAN 80 FIFTH ROW STUDENT ORGANISATIONS TO JOIN!

Fifth row is what we call co-curricular activities at SUTD because it is the fifth activity students do every term in addition to their four academic subjects.

Find out more at
sutd.edu.sg/campus-life/student-life/student-organisations

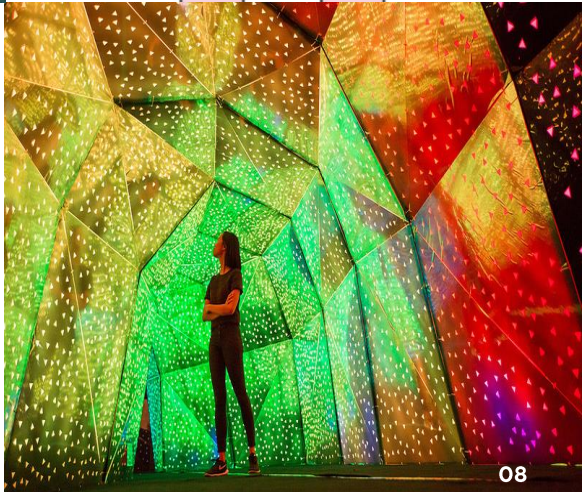


DEDICATED TIME TO PURSUE YOUR INTERESTS



There are no classes every Wednesday and Friday afternoon.

Find out what SUTD students do during their free time!
wearesutd.sutd.edu.sg





STATE OF THE ART CAMPUS & FACILITIES



Campus Centre



Library & Materials Collection



Library Discussion Booth



Sports & Recreational Centre



Olympic-Sized Swimming Pool



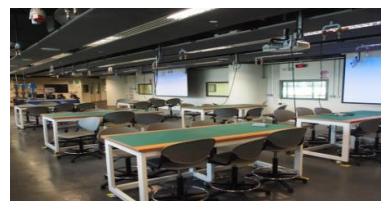
Multi-Purpose Court



Cafeteria



Interactive Cohort Classroom



Fabrication Laboratory

Find out
more at
[virtualtour.
sutd.edu.sg](http://virtualtour.sutd.edu.sg)

[mylibrary.
sutd.edu.sg](http://mylibrary.sutd.edu.sg)

sutd.edu.sg/Campus-Life/Sports-and-Recreation-Centre

[sutd.edu.sg/
Campus-Life/F-B](http://sutd.edu.sg/Campus-Life/F-B)

[sutd.edu.sg/
Education/
Academic-
Facilities](http://sutd.edu.sg/Education/Academic-Facilities)



SPECIAL NEEDS SUPPORT & WELLBEING SERVICES

Barrier-free Facilities

- Barrier-free access within buildings
- Access to lifts for persons with disabilities
- Interconnectivity areas between buildings that allow for seamless movement
- Ramps with tactile indicators at road crossings

Examination Support

- Bigger font and paper size (A3 size) of examination question papers for visually impaired students
- Physically-impaired students allowed to enter examination hall earlier or given access to customized tables at the front or back of examination hall
- Extra writing time during examinations, for students with certain medical conditions could be accommodated, with endorsement from medical doctors
- Laptop and printer can be issued to students with writing difficulties

Education Support

- Additional support, such as module consultations or extra tutorials, might be provided based on individual condition(s)

Enabling Students (ES) Fund

- Supports students with physical, hearing or visual impairment who require Assistive Technology devices and support services

Wellbeing Service

- Provide professional counselling service at no charge for students
- Self-help psycho-educational resources
- Talks, workshops and training for the University community to promote development of personal growth, life skills and mental health and wellbeing
- Support to critical incidents involving students who may need immediate psychological or medical care

Find out more at sutd.edu.sg/Student-Development/Well-being-Services



UNDERGRADUATE ACADEMIC CALENDAR

SPRING TERM	SUMMER TERM	FALL TERM
End January to End April	Mid-May to Mid-August	Early-September to Mid-December
		TERM 1*
TERM 2*	SUMMER BREAK	TERM 3*
TERM 4	TERM 5	FALL BREAK
TERM 6	SUMMER BREAK	TERM 7
TERM 8		

* Subjects in Term 1, 2 and 3 are not available to exchange students.

Find out more at sutd.edu.sg/academic-calendar

CREDIT SYSTEM

1 SUTD Subject Credit (SCs) is equivalent to 1 hour of workload per week. The subject workload in terms of hours and SCs is represented by a series of 3 numbers. All of the 3 numbers add together to represent the total SCs for the subject.

For example:
3-5-4 (Total SCs is 12)

3 First number represents actual contact hours for lectures or cohort-based learning per week

5 Second number represents hours for laboratory, design or fieldwork per week

4 Third number refers to hours a student is expected to spend on preparation per week

GRADING SYSTEM

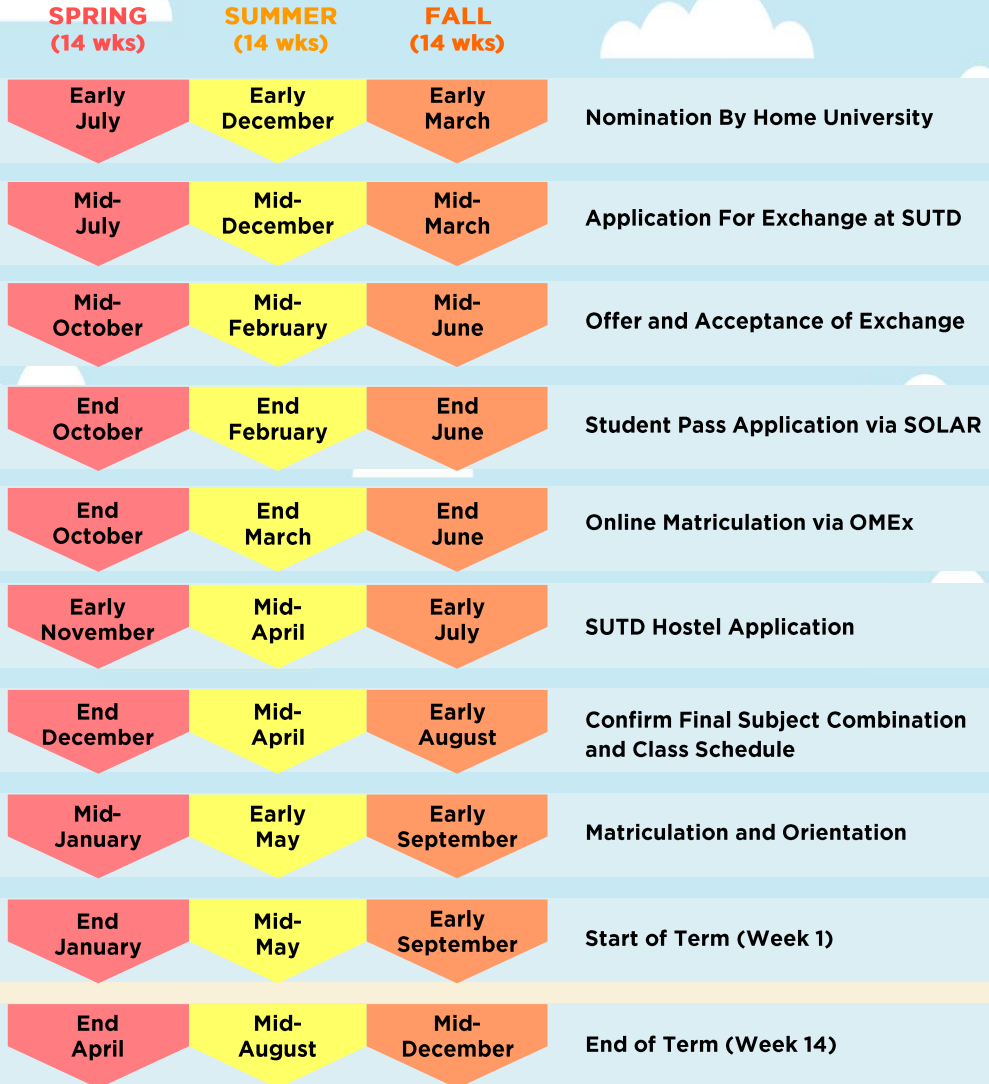
SUTD uses a 5-point grading system as follows:

Grade	Point	Remarks
A+	5.30	Exceptional performance
A	5.00	Excellent performance
A-	4.50	Excellent performance in most aspects
B+	4.00	Very good performance
B	3.50	Very good performance in most aspects
B-	3.00	Good performance
C+	2.50	Fairly good performance
C	2.00	Satisfactory performance
D+	1.50	Improvement needed
D	1.00	Minimally acceptable performance with much improvement needed
F	0.00	Fail



ACADEMIC EXCHANGE TIMELINE

SUTD offers academic exchange in Spring, Summer and Fall. Dates may be subjected to change.

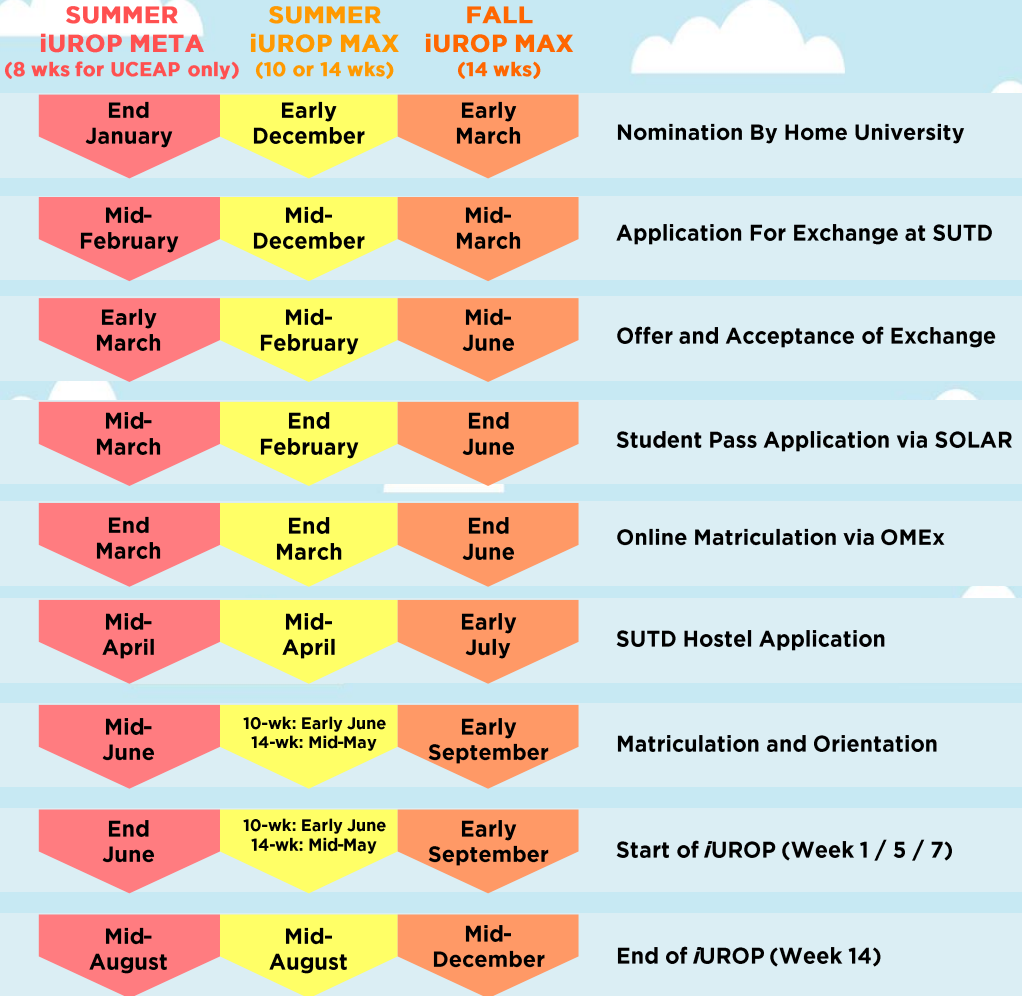


Students are to arrive 1 week before start of term for compulsory orientation. Students will be informed via email on the procedures when student pass / SUTD hostel / OMEx is open for application.



RESEARCH EXCHANGE TIMELINE (iUROP)

SUTD offers full-time research exchange in Summer and Fall. Dates may be subjected to change.



Students are to arrive 1 week before start of iUROP for compulsory orientation. Students will be informed via email on the procedures when student pass / SUTD hostel / OMEx is open for application.

8-weeks Summer iUROP Meta is only open to exchange students from University of California (UCEAP).



COST OF EXCHANGE

COMPULSORY MISCELLANEOUS FEES (CMF)*

(Payable to SUTD)

ITEMS	SGD
Health & Insurance	
Student Activities & Services	
IT Facilities and Academic Related Services	
Sport Facilities	
TOTAL	\$211.00

OTHER COST OF LIVING

(Estimated monthly expenses, varies according to personal needs and lifestyle)

ITEMS	SGD
Accommodation	\$500 to \$1,200
Meals	\$500 to \$800
Personal Expenses	\$200 to \$400
Transportation within Singapore	\$100 to \$300
TOTAL	\$1,300 to \$2,700

STUDENT PASS FEES*

(Payable to Immigration & Checkpoints Authority of Singapore)

ITEMS	SGD
Processing Fee for Student Pass Application	\$30.00
Issuance Fee for Student Pass Collection	\$60.00
Multiple-Entry Visa Fee for Visa Required Nationals	\$30.00
TOTAL	\$90 to \$120

* Fees and rates are subjected to change, please refer to the website for updated information.



SUTD STUDENT INSURANCE

During your stay in SUTD (from Matriculation Day to end of Term), you will be covered by the SUTD Student Insurance Scheme (policy under NTUC Income).

Please refer to mycg.com.sg/sutd (recommended to use Google Chrome for optimised viewing) for more details on insurance coverage, the list of Panel Clinics you can visit if you feel unwell, and the procedures you need to complete if you require hospitalisation.

We highly recommend students to purchase travel insurance with additional cover for COVID-19 to augment the coverage of the SUTD insurance. You would need to make your own arrangement for travel insurance coverage should you intend to extend your stay in Singapore beyond the end of Term.

* Exchange students holding Student's Pass are not allowed to work in Singapore.

EXCHANGE SCHOLARSHIPS



ASEM DUO-SINGAPORE EXCHANGE FELLOWSHIP AWARD

- Open to European Partner Universities
- Available for Fall Academic Exchange
- Award Quantum of EURO 4,000
- Find out more at sutd.edu.sg/Global/Exchange-Scholarships-and-Awards/ASEM-DUO-Singapore-Exchange-Fellowship



US-SINGAPORE SUMMER EXCHANGE SCHOLARSHIP

- Open to US Partner Universities
- Available for Summer Research Exchange
- Award Quantum of up to SGD 10,000
- Find out more at sutd.edu.sg/Global/Exchange-Scholarships-and-Awards/US-Singapore-Summer-Exchange-Scholarship

ELIGIBILITY

- SUTD only accepts application from students nominated by SUTD's partner universities.
- Nominated students are eligible to enjoy tuition fee waivers for exchange at SUTD.
- Students need to ensure that they are capable of going through an academic / research term with subjects / projects delivered in English.

SUBJECT CREDITS

- Academic exchange students are required to take a minimum of 24 subject credits (to be issued with a Student Pass in Singapore) or a maximum of 48 subject credits.
- If necessary, EU students may take 3 subjects (36 credits) + iUROP Meta (24 credits) to make up 60 credits (equivalent to 30 ECTS) for credit transfer.
- Alternatively in Summer / Fall, EU students may take 1 subject (12 credits) + iUROP Max (48 credits) to make up 60 credits.
- Research exchange students will be awarded credits upon successful completion with a Pass grade accordingly.

HOST PILLAR

- Academic exchange students are required to choose a Host Pillar (EPD, ESD, ISTD, ASD or HASS) during exchange application.
- Research exchange students will undertake one iUROP project under the supervision of SUTD faculty.
- As allocation of subject(s) / project is subjected to availability and fulfilment of pre-requisites, you may not be given your preferred choice. Hence, you are required to select additional subjects / projects in your order of preference during exchange application.



OFFERED SUBJECTS / PROJECTS

- DAI, EPD, ESD, ISTD and HASS subjects are open to all exchange students.
- ASD subjects are only open to exchange students from Zhejiang University, Aalto University, Chulalongkorn University, Feng Chia University, IE University, University of Seoul and Czech Technical University in Prague.
- Subjects in Term 1, 2 and 3 are not available to exchange students.
- iUROP is currently not open to exchange students from Texas A&M University (iUROP Max only), Cardiff University and The Hong Kong University of Science and Technology. 8-weeks Summer iUROP Meta is only open to exchange students from University of California (UCEAP).
- All subjects / projects are delivered in English.
- Refer to the Annexes for subjects offered in Spring, Summer and Fall Terms.
- The list of iUROP projects differ from year to year, and will be ready 1 month before application. Refer to the Annexes for past year's projects.

ACCOMMODATION

ON-CAMPUS ACCOMMODATION AT SUTD HOSTEL

Housing spaces at SUTD Hostel are limited and subject to availability. Application for SUTD Hostel (non-graduating) will be made through SUTD Housing Portal. SUTD will inform you on the procedures via email when the portal is open for application.

Find out more at sutd.edu.sg/Campus-Life/Housing/Non-graduating

OFF-CAMPUS ACCOMMODATION

Housing spaces are limited at SUTD Hostel, it is highly advisable for exchange students to source for off-campus accommodation. You may refer to the website below for a list of off-campus accommodation options.

Find out more at sutd.edu.sg/Campus-Life/Housing/Off-campus-Accommodation

DO YOU KNOW?

The Upper Changi MRT Station is located right at SUTD's doorstep, providing accessibility all over Singapore.



STUDENT PASS APPLICATION

STEP 1

Application through SOLAR system

All international students must hold a valid Student Pass issued by the Singapore Immigration & Checkpoints Authority (ICA) for their studies at SUTD. Generally, international students studying in SUTD are granted Student Pass for the full duration of the exchange period.

Application for Student Pass is to be made through the ICA Student Pass On-Line Application & Registration (SOLAR) system. SUTD will inform you via email when the SOLAR system is open for application. You are required to login to SOLAR to complete the application, submit eForm16 and make payment of SGD30.00 for the non-refundable processing fee for Student Pass application.

STEP 2

Issuance of In Principal Approval (IPA) Letter

After submitting your application, print out the electronic form eForm16 and bring it to Singapore, together with the In Principal Approval (IPA) Letter which will be emailed to you when your application is approved. For students who require a visa to enter Singapore, a visa will be incorporated in the IPA letter. Students need not apply for a separate visa and may enter Singapore by producing the IPA letter at the customs.



STEP 3

Making Appointment with ICA

After receiving your IPA letter, login to SOLAR system to make payment of SGD60.00 for issuance fee and SGD30.00 for multiple-journey visa (where applicable) and to make an appointment with ICA for completion of formalities for the issuance of your Student Pass.

STEP 4

Student Pass Collection Upon Arrival in Singapore

Upon arrival in Singapore, report to ICA on your appointment day for completion of formalities for the issuance of your Student Pass. More information will be provided in the SUTD Handbook emailed to you upon exchange offer.

STEP 5

Cancellation / Returning of Student Pass

International students are required to surrender their Student Passes for cancellation within 7 days from the date of cessation or termination of their study. SUTD will assist in the cancellation towards the end of your exchange and you will need to return your Student Pass to Office of International Relations. You will receive a cancellation letter to be presented to the Immigration Officer when you leave Singapore. Once the Student Pass has been cancelled, you will need to apply for the relevant pass/visa if you wish to re-enter Singapore.

EXCHANGE APPLICATION

1. Prepare the following supporting documents.
2. Submit online application at admission.sutd.edu.sg
3. Refer to Annex E on the User Guide For Online Application.

ITEMS	SPECIFICATION	REMARKS
<p>PASSPORT PARTICULARS PAGE</p> <p>Please ensure that your passport has a validity of at least 6 months - from the date of departure from Singapore back to your home country.</p>	<p>Colour scanned copy, in pdf format, max 5 MB</p>	<p>Mandatory</p>
<p>LATEST OFFICIAL ACADEMIC TRANSCRIPT(S)</p> <p>Issued by your home university with an explanation of the grading system. English translated transcript is required if your home university is a non-English medium university.</p>	<p>Colour scanned copy, in pdf format, max 5 MB</p>	<p>Mandatory</p>
<p>TOEFL/IELTS SCORE</p> <p>If there are applicable results</p> <p>Students from China Universities who do not have TOEFL/IELTS score, please provide your CET 4 or CET 6 score.</p>	<p>Colour scanned copy, in pdf format, max 5 MB</p>	<p>Optional</p>
<p>OFFICIAL NOMINATION LETTER</p> <p>For students from EU / US Universities. Issued by your home university with official university logo and signature.</p>	<p>In pdf format, max 5 MB</p>	<p>Mandatory only for students from EU / US universities</p>
<p>ARCHITECTURE PORTFOLIO</p> <p>For students who wish to read ASD subjects.</p>	<p>In pdf format, max 5 MB</p>	<p>Mandatory only for students selecting ASD subjects</p>
<p>UROP PROJECT SELECTION</p> <p>A link will be emailed to you separately. Select up to 5 projects in your order of preference.</p>	<p>In pdf format, max 5 MB</p>	<p>Mandatory only for students selecting UROP</p>



USEFUL WEBSITES

SUTD Global	sutd.edu.sg/Global
SUTD Curriculum	sutd.edu.sg/Education/Unique-Academic-Structure
Academic Calendar	sutd.edu.sg/academic-calendar
Engineering Product Development (EPD) Pillar	epd.sutd.edu.sg
Engineering Systems and Design (ESD) Pillar	esd.sutd.edu.sg
Information Systems Technology and Design (ISTD) Pillar	istd.sutd.edu.sg
Architecture and Sustainable and Design (ASD) Pillar	asd.sutd.edu.sg
Design and Artificial Intelligence (DAI) Programme	dai.sutd.edu.sg
Humanities, Arts and Social Sciences (HASS) Cluster	hass.sutd.edu.sg
Science, Mathematics and Technology (SMT) Cluster	smt.sutd.edu.sg
International Undergraduate Research Opportunities (IUROP)	sutd.edu.sg/iurop
SUTD Fifth Row	sutd.edu.sg/Campus-Life/Student-Life/Student-Organisations
SUTD Virtual Tour	virtualtour.sutd.edu.sg
SUTD Hostel	sutd.edu.sg/Campus-Life/Housing/Non-graduating
Off-Campus Accommodation	sutd.edu.sg/Campus-Life/Housing/Off-campus-Accommodation
SUTD Sports and Recreation Centre	sutd.edu.sg/Campus-Life/Sports-and-Recreation-Centre
SUTD Library	mylibrary.sutd.edu.sg
SUTD Wellbeing Services	sutd.edu.sg/Student-Development/Well-being-Services
SUTD Special Needs Support	sutd.edu.sg/Campus-Life/Diversity-and-Inclusion
SUTD Health & Insurance	mycg.com.sg/sutd
SUTD Blog	wearesutd.sutd.edu.sg
Immigration & Checkpoints Authority (ICA)	ica.gov.sg
Singapore Visitor's Guide	visitors.sg

ANNEX A: SPRING TERM 2023 SUBJECTS

ENGINEERING PRODUCT DEVELOPMENT PILLAR (EPD)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	30.007	Engineering Design Innovation	12	Pablo Valdivia y Alvarado; Subburaj Karupppasamy	4	03.007 Introduction to Design 10.008 Introduction to the Physical World 10.009 Introduction to the Digital World
UG	30.002	Circuits & Electronics	12	Lee Chee Huei; Joel Yang	4	10.005 Physics II 10.001 Advanced Mathematics I 10.004 Advanced Mathematics II
UG	30.001	Structures & Materials	12	Wu Ping; Soh Gim Song	4	10.013 Modelling and Analysis 10.015 Physical World
UG	30.104	Dynamics	12	Dario Poletti	6	10.004 Advanced Math II 10.002 Physics I 30.101 Systems & Control
UG	30.105	Machine Element Design	12	Soh Gim Song	6	30.001 Structures and Materials
UG	30.106	Microelectronics Circuits and Devices	12	Cheah Chin Wei	6	10.005 Physics II 30.002 Circuits & Electronics
UG	30.107	Power Electronics	12	Teo Tee Hui	6	10.001 Advanced Math I 10.004 Advanced Math II 10.002 Physics I 10.005 Physics II 30.002 Circuits & Electronics
UG	30.108	Material Science	12	Tan Mei Chee	6	10.006 Chemistry and Biology: Natural World 10.011 Introduction to Physical Chemistry 30.001 Structures and Materials
UG	30.109	Thermal Systems For Power & Environment	12	Apple Koh	6	10.002 Physics 1 10.008 Engineering in the Physical World
UG	30.110	Digital Systems Laboratory	12	Yuen Chau	6	30.002 Circuits & Electronics
UG	30.111	Entrepreneurship	12	Jianxi Luo	6	Nil
UG	30.203	Topics in Biomedical and Healthcare Engineering	12	Xiaojuan Khoo	6	30.001 Structures & Materials, although 10.019 Science and Technology for Healthcare is recommended.

The list is subjected to changes annually, and places in each subject might be limited.

For tentative subjects in Spring 2024, refer to Term 4, 6 and 8 subjects.

EPD UG Subject Description:

<https://epd.sutd.edu.sg/education/undergraduate/undergraduate-courses>

EPD PhD Subject Description:

<https://epd.sutd.edu.sg/education/graduate/courses/>

ANNEX A: SPRING TERM 2023 SUBJECTS

ENGINEERING SYSTEMS AND DESIGN PILLAR (ESD)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	40.002	Optimisation	12	Karthik Natarajan (Wk 1-6); Antonios Varvitsiotis (Wk 8-13)	4	10.018 Modelling Space and Systems
UG	40.017	Probability and Statistics	12	James Wan (Wk 1-13)	4	10.018 Modelling Space and Systems 10.022 Modelling Uncertainty
UG	40.015	Simulation Modelling and Analysis	12	Nuno Ribeiro (Wk 1-6); Karthik Murthy (Wk 8-13)	6	40.017 Probability and Statistics 40.012 Manufacturing Service and Operations
UG	40.260	Supply Chain Management	12	TBC	6	40.017 Probability and Statistics 40.012 Manufacturing Service and Operations
UG	40.319	Statistical and Machine Learning	12	Peter Jackson (Wk 1-6); Meixia Lin (Wk 8-13)	6	40.017 Probability and Statistics
UG	40.324	Fundamentals of Investing	12	Douglas Rolph (Wk 1-13)	6	10.013 Modelling and Analysis 10.018 Modelling Space and Systems

The list is subjected to changes annually, and places in each subject might be limited.

For tentative subjects in Spring 2024, refer to Term 4, 6 and 8 subjects.

ESD UG Subject Description:

<https://esd.sutd.edu.sg/academics/undergraduate-program/course-schedule>

ESD PhD Subject Description:

<https://esd.sutd.edu.sg/academics/phd-programme/courses/>

ANNEX A: SPRING TERM 2023 SUBJECTS

INFORMATION SYSTEMS AND TECHNOLOGY DESIGN PILLAR (ISTD)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	50.001	Information Systems & Programming	12	Cheung Ngai-Man; Norman Lee; Kenny Lu	4	10.014 Computational Thinking for Design
UG	50.002	Computation Structures	12	Oka Kurniawan; Natalie Agus; Wang Bo; Kenny Choo; Yeo Si Yong	4	10.014 Computational Thinking for Design
UG	50.004	Algorithms	12	Ernest Chong; Soh De Wen; Cyrille Jegourel	4	10.014 Computational Thinking for Design
UG	50.007	Machine Learning	12	Malika Meghjani	6	50.001 Information Systems & Programming and 50.004 Algorithms OR A working knowledge of programming in Python or Java and a strong foundation in probability and statistics, and optimization (topics such as dynamic programming)
UG	50.017	Graphics and Visualisation	12	Peng Song	6	50.003 Elements of Software Construction OR Knowledge of the following: C/C++: All assignments are in C/C++ Calculus, Linear Algebra: Solving equations, derivatives, integral; vectors, matrices, basis, solving systems of equations.
UG	50.021	Artificial Intelligence	12	Dorien Herremans; Lim Kwan Hui	6	50.007 Machine Learning / 40.319 Statistical & Machine Learning 10.022 Modelling Uncertainty 10.014 Computational Thinking for Design
UG	50.038	Computational Data Science	12	Dorien Herremans; Soujanya Poria	6	10.014 Computational Thinking for Design
UG	50.039	Theory and Practice of Deep Learning	12	Prof Matthieu De Mari Prof Berrak Sisman	6	50.007 Machine Learning and ability to code and debug in Python 3 40.319 Statistical & Machine Learning (ESD)
UG	50.051	Programming Language Concepts	12	Prof Simon Perrault Prof Matthieu De Mari	6	10.014 Computational Thinking for Design

The list is subjected to changes annually, and places in each subject might be limited.

For tentative subjects in Spring 2024, refer to Term 4, 6 and 8 subjects.

ISTD UG Subject Description:
<https://istd.sutd.edu.sg/undergraduate/course-schedule>

ISTD PhD Subject Description:
<https://istd.sutd.edu.sg/education/mssd/course-catalogue/>

ANNEX A: SPRING TERM 2023 SUBJECTS

ARCHITECTURE AND SUSTAINABLE DESIGN PILLAR (ASD)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	20.221	Traditions: World History Connections to Vernacular Architecture (HTC)	9	Daniel Joseph Whittaker	4	Nil
UG	20.211	Introduction to Design Computation	9	Jason Lim	4	3.007 Introduction to Design
UG	20.201	Architecture Science & Technology	9	Michael Budig	4	Nil
UG	20.101	Architecture Core Studio 1	21	Carlos Banon	4	Nil
UG	20.111	Sustainable Design Option Studio 1	21	Tai Lee Siang	6	20.101 Architectural Core Studio 1 20.102 Architectural Core Studio 2

ASD subjects are currently available only to students from Zhejiang University, Aalto University, Chulalongkorn University, Feng Chia University, IE University, University of Seoul and Czech Technical University in Prague.

The list is subjected to changes annually, and places in each subject might be limited.

For tentative subjects in Spring 2024, refer to Term 4, 6 and 8 subjects.

ASD UG Subject Description:

<https://asd.sutd.edu.sg/programme/undergraduate-courses/>

ANNEX A: SPRING TERM 2023 SUBJECTS

DESIGN AND ARTIFICIAL INTELLIGENCE (DAI)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	60.002	AI Applications in Design	12	Dr. Edwin Koh	4	Nil
UG	60.007	Interaction Design for Cyber-physical Artefacts	12	Prof. Wang Yixiao	6	60.005 HCI and AI OR 50.006 User Interface Design and Implementation

The list is subjected to changes annually, and places in each subject might be limited.

For tentative subjects in Spring 2024, refer to Term 4, 6 and 8 subjects.

DAI UG Subject Description:

<https://dai.sutd.edu.sg/education/undergraduate/course-schedule/>

ANNEX A: SPRING TERM 2023 SUBJECTS

HUMANITIES, ARTS AND SOCIAL SCIENCES CLUSTER (HASS)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	02.217	Gender, Sexuality and Society	12	Nilanjan Raghunath	4 & 6	Nil
UG	02.202	Organizational Processes	12	Grace Dixon	4 & 6	Nil
UG	02.226	Leaders and Followers	12	Grace Dixon	4 & 6	Nil
UG	02.218	Introduction to Psychology	12	Yow Wei Quin	4 & 6	Nil
UG	02.161HT	Equitable Tech: Reimagining Our Digital Infrastructure	12	Setsuko Yokoyama	4 & 6	Nil
UG	02.158DH	Kings, monks, and merchants: A history of Asia before 1750	12	Alastair Gornall	4 & 6	Nil
UG	02.147TS	Interventions in Design, Technology and Society	12	Lyle Fearnley; Gabriel Tusinski	4 & 6	Nil
UG	02.222TS	Unnatural Disasters	12	Lyle Fearnley	4 & 6	Nil
UG	02.162DH	Asian-American Literature: from the food memoir to the graphic novel	12	Rhema Hokama	4 & 6	Nil
UG	02.161DH	Practical Ethics and the Contemporary Novel	12	Rhema Hokama	4 & 6	Nil
UG	02.228TS	Design in the Anthropocene	12	Jeffrey Chan	4 & 6	Nil
UG	02.231TS	Transportation Policy and Technology in Urban Progress	12	Jin Murakami	4 & 6	Nil
UG	02.230HT	Health Communication and Behaviour Change	12	Andrew Yee	4 & 6	Nil

The list is subjected to changes annually, and places in each HASS subject are **very limited**.

For tentative subjects in Spring 2024, refer to Term 4, 6 and 8 subjects.

HASS Subject Description:

<https://hass.sutd.edu.sg/education/undergraduate-subjects/subjects-schedule/>

ANNEX B: SUMMER TERM 2023 SUBJECTS

ENGINEERING PRODUCT DEVELOPMENT PILLAR (EPD)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	30.100	Computational and Data-Driven Engineering	12	Nagarajan Raghavan	5	10.013 Modelling and Analysis 10.018 Modelling Space and Systems 10.022 Modelling Uncertainty
UG	30.101	Systems & Control	12	Tan U-Xuan Ye Ai	5	10.007 Modelling the Systems World 30.001 Circuits & Electronics
UG	30.102	Electromagnetics & Applications	12	Huang Shaoying	5	10.001 Advanced Mathematics I • 10.002 Physics I 10.004 Advanced Mathematics II • 10.005 Physics II
UG	30.103	Fluid Mechanics	12	Michinao Hashimoto	5	10.002 Physics I 10.004 Advanced Mathematics II 03.007 Introduction to Design 10.008 Engineering in the Physical World

The list is subjected to changes annually, and places in each subject might be limited.

For tentative subjects in Summer 2024, refer to Term 5 subjects.

EPD UG Subject Description:

<https://epd.sutd.edu.sg/education/undergraduate/undergraduate-courses>

EPD PhD Subject Description:

<https://epd.sutd.edu.sg/education/graduate/courses>

ANNEX B: SUMMER TERM 2023 SUBJECTS

ENGINEERING SYSTEMS AND DESIGN PILLAR (ESD)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	40.012	Manufacturing and Service Operations	12	Peter Jackson Duan Lingjie	5	40.002 Optimization 40.017 Probability & Statistics
UG	40.014	Engineering Systems Architecture	12	Francisco Benita	5	40.002 Optimization 40.011 Data and Business Analytics
UG	40.016	The Analytics Edge	12	Karthik Natarajan	5	40.017 Probability and Statistics

The list is subjected to changes annually, and places in each subject might be limited.

For tentative subjects in Summer 2024, refer to Term 5 subjects.

ESD UG Subject Description:

<https://esd.sutd.edu.sg/academics/undergraduate-program/course-schedule>

ESD PhD Subject Description:

<https://esd.sutd.edu.sg/academics/phd-programme/courses>

ANNEX B: SUMMER TERM 2023 SUBJECTS

INFORMATION SYSTEMS TECHNOLOGY AND DESIGN PILLAR (ISTD)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	50.003	Elements of Software Construction	12	Prof Zhang Shuhao TBC	5	50.001 Introduction to Information Systems & Programming
UG	50.005	Computer System Engineering	12	David Yau; Natalie Agus	5	50.002 Computation Structures
UG	50.050	Discrete Mathematics and Algorithm Design	12	Ernest Chong	5	10.018 Modelling Space and Systems 50.004 Algorithms

The list is subjected to changes annually, and places in each subject might be limited.

For tentative subjects in Summer 2024, refer to Term 5 subjects.

ISTD UG Subject Description:

<https://istd.sutd.edu.sg/undergraduate/course-schedule>

ISTD PhD Subject Description:

<https://istd.sutd.edu.sg/education/mssd/course-catalogue>

ANNEX B: SUMMER TERM 2023 SUBJECTS

ARCHITECTURE AND SUSTAINABLE DESIGN PILLAR (ASD)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	20.102	Architecture Core Studio 2	21	Eva Castro	5	20.101 Architectural Core Studio 1
UG	20.202	Architectural Structure & Enclosure Design	9	Sam Conrad Joyce	5	20.201 Architecture Science and Technology
UG	20.212	Digital Design & Fabrication	9	Stylianios Dritsas	5	20.211 Introduction to Design Computation
UG	20.222	Modernism: Technology and Society in Architecture (HTC)	9	Yeo Kang Shua	5	20.221 Traditions (HTC)

ASD subjects are currently available only to students from Zhejiang University, Aalto University, Chulalongkorn University, Feng Chia University, IE University, University of Seoul and Czech Technical University in Prague.

The list is subjected to changes annually, and places in each subject might be limited.

For tentative subjects in Summer 2024, refer to Term 5 subjects.

ASD UG Subject Description:

<https://asd.sutd.edu.sg/programme/undergraduate-courses>

ANNEX B: SUMMER TERM 2023 SUBJECTS

DESIGN AND ARTIFICIAL INTELLIGENCE (DAI)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	60.005	HCI and AI	12	Kenny Choo	5	10.014 Computational Thinking for Design 60.004 Service Design Studio

The list is subjected to changes annually, and places in each subject might be limited.

For tentative subjects in Summer 2024, refer to Term 5 subjects.

DAI UG Subject Description:

<https://dai.sutd.edu.sg/education/undergraduate/course-schedule/>

ANNEX B: SUMMER TERM 2023 SUBJECTS

HUMANITIES, ARTS AND SOCIAL SCIENCES CLUSTER (HASS)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	02.102HT	The World Since 1400	12	Pang Yang Hwei	5	Nil
UG	02.120DH	History of Traditional Chinese Short Fiction	12	Zhao Zhenxing	5	Nil
UG	02.156DH	Games of Histories	12	Paolo Di Leo	5	Nil
UG	02.210TS	Who Gets Ahead? Sociology of Social Networks and Social Capital	12	Nilanjan Raghunath	5	Nil
UG	02.165TS	Urban Southeast Asia: Diversity, Sustainability and Change	12	Cheng Nien Yuan	5	Nil
UG	02.166TS	Special Topics: Empathy: An interdisciplinary concept	12	Evelyn Chew	5	Nil

The list is subjected to changes annually, and places in each HASS subject are **very limited**.

For tentative subjects in Summer 2024, refer to Term 5 subjects.

HASS Subject Description:

<https://hass.sutd.edu.sg/education/undergraduate-subjects/subjects-schedule>

ANNEX C: FALL TERM 2023 SUBJECTS

ENGINEERING PRODUCT DEVELOPMENT PILLAR (EPD)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	30.114	Advanced Feedback and Control	12	Foong Shaohui	7	30.101 Systems & Control
UG	30.119	Intelligent Robotics	12	Tan U-Xuan	7	10.009 Digital World 30.002 Circuits & Electronics 30.101 Systems & Control
UG	30.120	Design & Manufacturing	12	Tan U-Xuan	7	10.002 Physics I OR 10.015 Physical World
UG	30.123	Healthcare Product Design	12	Huang Shaoying	7	03.007 Introduction to Design 30.001 Structures & Materials 30.002 Circuits & Electronics 30.007 Engineering Design and Project Engineering 30.101 Systems and Control
UG	30.202	Design of Intelligent Digital Integrated Circuits and Systems	12	Teo Tee Hui	7	MATH 101, 201, 301 PHYS 101, 201, 301 30.002 Circuits & Electronics 30.101 Systems & Control Prerequisites will be strictly enforced with a grade of at least a Pass.
UG	30.303	Industry 4.0 & 3D Printing	12	Yang Hui Ying	7	Nil
MSc	01.505	Innovation by Design	12	Arlindo Silva	7	This subject is only offered to Shanghai Jiaotong University IIDE students.

The list is subjected to changes annually, and places in each subject might be limited.

For tentative subjects in Fall 2024, refer to Term 7 subjects.

EPD UG Subject Description:

<https://epd.sutd.edu.sg/education/undergraduate/undergraduate-courses>

EPD PhD Subject Description:

<https://epd.sutd.edu.sg/education/graduate/courses>

ANNEX C: FALL TERM 2023 SUBJECTS

ENGINEERING SYSTEMS AND DESIGN PILLAR (ESD)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	40.242	Derivative Pricing and Risk Management	12	Douglas Streeter Rolph	7	40.240 Investment Science OR 40.324 Fundamentals of Investing
UG	40.318	Supply Chain Digitalisation and Design	12	Ying Xu	7	40.260 Supply Chain Management
UG	40.321	Airport Systems Modelling and Simulation	12	Nuno Ribeiro	7	40.002 Optimisation 40.015 Simulation Modelling and Analysis
UG	40.323	Equity Valuation	12	Douglas Streeter Rolph	7	40.017 Probability and Statistics 40.240 Investment Science

The list is subjected to changes annually, and places in each subject might be limited.

For tentative subjects in Fall 2024, refer to Term 7 subjects.

ESD UG Subject Description:

<https://esd.sutd.edu.sg/academics/undergraduate-program/course-schedule>

ESD PhD Subject Description:

<https://esd.sutd.edu.sg/academics/phd-programme/courses>

ANNEX C: FALL TERM 2023 SUBJECTS

INFORMATION SYSTEMS TECHNOLOGY AND DESIGN PILLAR (ISTD)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	50.006	User Interface Design and Implementation	12	Simon Perrault	7	10.014 Computational Thinking for Design
UG	50.020	Network Security	12	Felix	7	50.042 Foundations of Cybersecurity
UG	50.037	Blockchain Technology	12	Xiong Zehui	7	The course assumes a basic familiarity with computer programming and knowledge of the Python language. 50.004 Algorithms 50.005 Computer System Engineering 50.012 Networks, 50.020 Security, and 50.043 Database Systems are helpful but not required. Needed concepts will be introduced during the class
UG	50.040	Natural Language Processing	12	Lu Wei	7	50.007 Machine Learning/40.319 Statistical & Machine Learning AND A good foundation in: 1) programming, 2) design and analysis of algorithms, 3) mathematics including linear algebra, calculus, optimization, probability, and statistics.
UG	50.041	Distributed Systems and Computing	12	Sudipta Chattopadhyay	7	50.004 Algorithms
UG	50.045	Information Retrieval	12	Soujanya Poria	7	Programming knowledge preferably in Python Object-orientated programming Data structure Prior knowledge of elementary linear algebra would be helpful but is not required for this course
UG	50.046	Cloud Computing and Internet of Things	12	Jiang Wenchao Chen Binbin	7	50.005 Computer System Engineering (recommended) OR A strong foundation in computer systems

The list is subjected to changes annually, and places in each subject might be limited.

For tentative subjects in Fall 2024, refer to Term 7 subjects.

ISTD UG Subject Description:

<https://istd.sutd.edu.sg/undergraduate/course-schedule>

ISTD PhD Subject Description:

<https://istd.sutd.edu.sg/education/mssd/course-catalogue>

ANNEX C: FALL TERM 2023 SUBJECTS

ARCHITECTURE AND SUSTAINABLE DESIGN PILLAR (ASD)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	20.203	Architectural Energy Systems	9	Zheng Kai	7	20.201 Architecture Science and Technology 20.202 Architectural Structure and Enclosure Design
UG	20.103	Architecture Core Studio 3	18	Christine Yogiaman	7	20.101 Architecture Core Studio 1 20.102 Architecture Core Studio 2
UG	20.213	Building Information Modeling	9	Jason Lim	7	20.211 Introduction to Design Computation 20.212 Digital Design and Fabrication

The list is subjected to changes annually, and places in each subject might be limited.

For tentative subjects in Fall 2024, refer to Term 7 subjects.

ASD UG Subject Description:

<https://asd.sutd.edu.sg/programme/undergraduate-courses>

ANNEX C: FALL TERM 2023 SUBJECTS

HUMANITIES, ARTS AND SOCIAL SCIENCES CLUSTER (HASS)

UG / PhD	Subject Code	Subject Title	Subject Credits	Subject Instructor	Term	Subject Pre-requisites
UG	02.110DH	The Chinese Lyrical Tradition: Arts, Literature and Landscape Design	12	Zhao Zhenxing	7	Nil
UG	02.146	Financing Cities of the Future: Theory and Practice	12	Jin Murakami	7	Nil
UG	02.151TS	Digital Worlds, Space and Spatiality	12	Gordon Tan	7	Nil
UG	02.152TS	Urban Theory	12	Jeffrey Chan	7	Nil
UG	02.156DH	Game of Histories	12	Paolo Di Leo	7	Nil
UG	02.164DH	Performance: Design, Dramaturgy, Interpretation	12	Cheng Nien Yuan	7	Nil
UG	02.211	Critical Management Studies	12	Grace Dixon	7	Nil
UG	02.230HT	Health Communication and Behaviour Change	12	Andrew Yee	7	Nil

The list is subjected to changes annually, and places in each HASS subject are **very limited**.

For tentative subjects in Fall 2024, refer to Term 7 subjects.

HASS Subject Description:

<https://hass.sutd.edu.sg/education/undergraduate-subjects/subjects-schedule>

ANNEX D: IUROP PROJECTS

IUROP LITE / MEZZO / META / MAX PROJECTS

S/N	Project Title	Project Instructor
1	Walkable Southeast Asia: A Repository Of Urban Liveability Features	Francisco Benita
2	Human Action Analysis Using Computer Vision And Deep Learning	Liu Jun
3	Exploring Telepresence Robot With 360 Degree View Camera For Remote Learning And Collaborative Activities	Sri Shubhakar
4	A User Platform For The Data Analysis Of Urban Growth And Its Performance	Ricky Ang
5	Energy-efficient, Scalable, And Reliable Distributed Green Streaming Machine Learning For Edges	Zhang Shuhao
6	A Stream Processing Based NFV Platform For 5G On Modern Multicore Processors	Zhang Shuhao
7	Parallelizing Stream Processing On Asymmetric Multicores For Minimum Energy Consumption	Zhang Shuhao
8	AI-based Wireless Communication MODEM	Jiang Wenchao
9	Development Of A Fumigation Robot	Mohan Rajesh Elara
10	Autonomy Improvement Of Glass Facade Cleaning Robots	Mohan Rajesh Elara
11	Robotics Soccer Using Tetris-inspired Reconfigurable Robots	Mohan Rajesh Elara
12	Electrification Policies And Outcomes In Southeast Asia	Neo Choong Tiong Harvey
13	Future of Work – Democratising The Power Of Tasks, AI, And Disruptive Technologies	Poon King Wang
14	MARVL Buoys	Malika Mehdi Mohmed Meghjani
15	MARVL Duckie Town	Malika Mehdi Mohmed Meghjani
16	MARVL Boat	Malika Mehdi Mohmed Meghjani

- The list is taken with reference to IUROP projects offered in **Summer and Fall 2023**.
- The list differs from year to year and will be ready 1 month before application.
- IUROP is currently not open to exchange students from Texas A&M University (IUROP Max only), Cardiff University and The Hong Kong University of Science and Technology. 8-weeks Summer IUROP Meta is only open to exchange students from University of California (UCEAP).
- Find out more at <https://sutd.edu.sg/iurop>

ANNEX D: IUROP PROJECTS

IUROP LITE / MEZZO / META / MAX PROJECTS

S/N	Project Title	Project Instructor
17	Studying Resource Flows For Electric Mobility	Cheah Wan Ting Lynette
18	Material And Energy Flows At City And Neighbourhood Levels In Singapore	Cheah Wan Ting Lynette
19	User Behaviour And Experience Analysis For Sustainable Air Travel	Cheah Wan Ting Lynette
20	Towards Directed And Automated Validation Of Large Language Models (LLMs)	Sudipta Chattopadhyay
21	Investigating The Effects Of New Wake Turbulence Separation Concepts For Improved Airport Operations	Nuno Antunes Ribeiro

- The list is taken with reference to IUROP projects offered in **Summer and Fall 2023**.
- The list differs from year to year and will be ready 1 month before application.
- IUROP is currently not open to exchange students from Texas A&M University (IUROP Max only), Cardiff University and The Hong Kong University of Science and Technology. 8-weeks Summer IUROP Meta is only open to exchange students from University of California (UCEAP).
- Find out more at <https://sutd.edu.sg/iurop>

LOGIN PROCEDURES

1. Login to admission.sutd.edu.sg
2. Register as a **new applicant**.
3. Enter your own **User ID**. This will be your login ID.
4. Enter your **Full Name** as per your passport.
5. Enter your **Email Address**. An email with the User ID and password will be sent to you. You are required to change your password upon your first login.
6. Click **“Start a New Application”**
7. Select **“Inbound”** under Application Type
8. Select the correct **“Period of Study”**

APPLICATION PROCEDURES

- For academic exchange student: Select **“Exchange Programme (Academic and Research)”** under Application Programme
- For research exchange student: Select **“Exchange Programme (Research)”** under Application Programme
- There are **6 sections** to fill up in the online portal.
 1. Account Holder’s Declaration
 2. Personal Information – Personal Particulars, Contact Information etc.
 3. Academic Qualifications
 4. Supplementary Results
 5. Pillar & Subject Selection (only for academic exchange students)
 6. Application Declaration
- Please read the instructions given at each section carefully.
- Click the **“Save”** button after you have completed each section.
- Please ensure that all required supporting documents are submitted with your application, in order to avoid any delay in processing your application.

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