Inbound PG SUSEP GUIDE
Jan 2026 Trimester (Jan - Apr)

SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN (SUTD)

Singapore University of Technology and Design (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 Massachusetts Institute of Technology (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!

Human-Centric Approach to Technology and Design

How does SUTD compare with the world's best engineering schools?

A study* by MIT recognises SUTD as "the foremost emerging leader in engineering education".

Our unique approach nurtures you to be future-ready and tackle multi-faceted issues of the 21st century with interdisciplinary solutions, powered by emerging technologies, and developed from the user's perspective.

*According to 'The global state of the art in engineering education', a study commissioned by MIT.

Changi Airport

Tampines

SUTD

Simei

Bedok

East Coast Park

Campus Location

Located in the East of Singapore, the campus metro station connects you to anywhere in Singapore! The nearby towns of Bedok, Simei and Tampines are treasure troves of local cuisines. You can also head over to East Coast Park or Changi Beach to enjoy cycling along the coast.

sutd.edu.sg/About/Contact-Us

35 MINUTES
to City Centre

10 MINUTES
from Singapore Changi Airport

METRO STATION
right at SUTD's doorstep

SINGAPORE UNIVERSITIES STUDENT EXCHANGE PROGRAMME (SUSEP)

ACADEMIC EXCHANGE

SUSEP students take a minimum of 1 subject (equivalent to 12 credits) at SUTD and the remaining subjects at their home university.

Note.

All classes and exams at SUTD are conducted physically. SUSEP students are to ensure that the class and exam schedules do not clash between SUTD and those of the home university, if any.

ELIGIBILITY

• Nominated by SUTD partner universities to enjoy tuition fee waivers for exchange at SUTD.

• Ensure you are capable of going through an academic term with subjects delivered in English.

SUBJECTS OFFERED

• SUSEP students can take subjects across different pillars and clusters during exchange application.

• All subjects are delivered in English.
• As allocation of subjects is subjected to availability and fulfillment of pre-requisites.

WHAT SUBJECTS CAN I TAKE?

Refer to the
List of Subjects (Spring term) offered to SUSEP exchange students

EXCHANGE TIMELINE

SPRING ACADEMIC (14-WKS)

01 Nomination for Exchange	02 Application for Exchange	03 Offer and Acceptance	04 Online Matriculation
You must be nominated by your home university first before applying to SUTD.	Ensure that all supporting documents are submitted when completing your application.	If successful, you will be informed via email. Login to accept the offer and view the list of approved subjects.	Matriculation is a formal process where you register for study at SUTD. You will be informed on the procedures via email.
Early Oct	**Mid-Oct**	**Mid-Nov**	**End Nov**

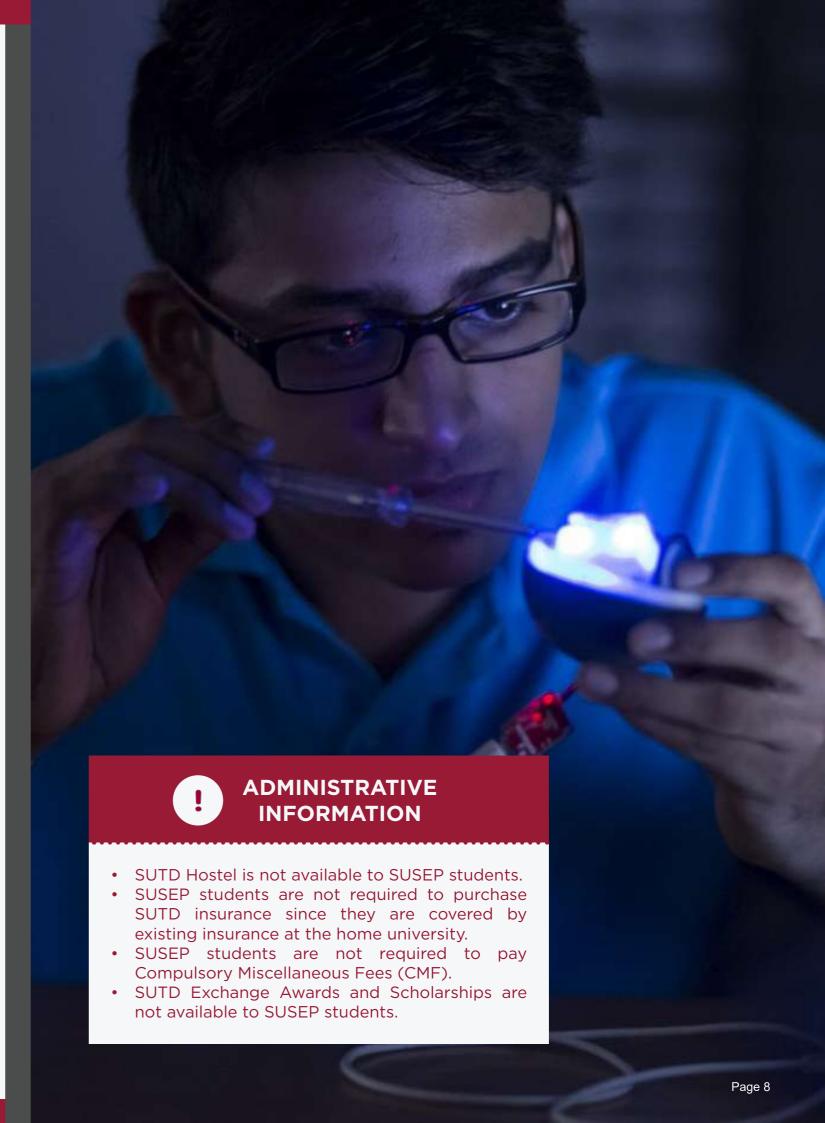| 05 Subject Enrollment	06 Orientation	07 Start of Exchange	08 End of Exchange
You will be informed via email when the finalized timetable is available.	A 1-day Orientation is held on the Thursday before the first week of your exchange. You can meet your fellow SUTD friends!		Ensure that you have completed all the assignments for all the subjects/projects you take.
End December	**Mid-January**	**End January** (Week 1 of Term)	**Early May** (Week 14 of Term)

Dates may be subjected to change.

! ADMINISTRATIVE INFORMATION

- SUTD Hostel is not available to SUSEP students.
- SUSEP students are not required to purchase SUTD insurance since they are covered by existing insurance at the home university.
- SUSEP students are not required to pay Compulsory Miscellaneous Fees (CMF).
- SUTD Exchange Awards and Scholarships are not available to SUSEP students.

ANNEXES

KEY EXCHANGE
DATES

EXCHANGE PERIOD - 2026 Jan Trimester	
Spring 2026 (14-weeks)	
Orientation	21 Jan 2026, Wed
Start of Exchange	26 Jan 2026, Mon
Recess Week	8 - 15 Mar 2026
Final Examinations	28 Apr - 2 May 2026
End of Exchange	2 May 2026. Sat

🔗 *Dates are subject to change.
You may refer to: **sutd.edu.sg/academic-calendar**

SUTD **CREDIT & GRADING SYSTEM**

USER GUIDE FOR **EXCHANGE APPLICATION**

DOCUMENTS REQUIRED

1	**Front and Back of NRIC** (for Singaporeans and PRs) **OR Passport Particulars Page** (for International Students) *Colour scanned copy, in pdf format, max 5 MB*	
2	**Latest Official Academic Transcript (s)** *Colour scanned copy, in pdf format, max 5 MB*	• Issued by your home university with an explanation of the grading system.
3	**TOEFL/IELTS Score** *Colour scanned copy, in pdf format, max 5 MB*	• Optional, if there are applicable results
4	A copy of your CV	

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

> ! Please check with your home university on the credit transfer matters.
>
> Email phd@sutd.edu.sg if you require more information on the assessment and syllabus of respective subjects.

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
D+	0.00	Fail

PROCEDURES

STEP 1

Create an Application Account

Visit **admission.sutd.edu.sg** and create an application account.

Enter your own User ID, Full Name **(as per your NRIC/passport)** and your Email Address. You will receive an email with User ID and Password at the email address you have entered upon successful account registration.

You will be required to change your password upon the first login.

STEP 2

Start Application

1. Select Application Type (Inbound Exchange PG SUSEP) and Period of Study

2. Select the correct Application Programme: Non-graduating Post-Grad

STEP 3

Submit Application

There are 6 sections in the application.
- Account Holder's Declaration
- Personal Information – Personal Particulars, Contact Information etc.
- Academic Qualifications
- Supplementary Results
- Pillar and Subject Selection

Please read the instructions carefully at each stage of the application. Ensure that all supporting documents are submitted to avoid delay in processing of your application. Remember to click "Save" after you have completed each section.

SUTD
SINGAPORE UNIVERSITY OF
TECHNOLOGY AND DESIGN

Courses offered by Singapore University of Technology and Design (SUTD) for PhD Students Exchange Programme AY2025/26 (January 2026 intake) as of 11 Oct 2025
Note: List of courses may be subject to changes without prior notice.

No.	Pillar/Cluster	Course Code	Course Title	Course Description	Credits	Grading Scheme	Remarks
1	ESD	40.230	Design for Sustainability	Design for Sustainability is the integration of social, environmental, and economic considerations in the design of products, processes, and engineered systems. This course introduces the concept of sustainability – both theory and applications – to engineers and designers. Students will apply tools to perform life cycle environmental impact assessment, which provide decision guidance on the design, maintenance, and operations of products and systems.	12	Graded	Subject to review/ approval by SUTD
2	ESD	40.520	Stochastic Models	A good knowledge of uncertainty is a key tool in analyzing environmental systems, telecommunication systems, financial systems and overall large scale complex systems. The aim of this course is to acquaint students with the basic tools for modeling stochastic phenomena. The course does not require knowledge of measure theoretic probability, but knowledge of elementary probability and advanced calculus will be assumed	12	Graded	Subject to review/ approval by SUTD
3	ASD	20.802	Methods in the Study of Architecture	Introduces Architecure and Urban Design Research Design Methods and provides a Forum for Dialog	12	Graded	Subject to review/ approval by SUTD
4	SMT	99.501	Science of Sound: Acoustics, Audio & Music	Through this course, students will first understand the physical basis of sound (acoustics), its production and propagation, as well as models with which to evaluate and predict its interaction with physical (and digital) systems. Next, we will recognize psychoacoustic processes and human perception of hearing. Combining these two insights, we will then examine the "applications" of sound in various contexts: music and speech, room acoustics, audio signal processing, and environmental noise control. We will also look at current research frontiers in selected topics. This course draws on what students have already learnt earlier in physics, mathematics, and design science, and will prepare students with the necessary foundation for subsequent acoustic, audio and music related implementations of design, engineering and technological applications both in industry and at postgraduate level.	12	Graded	Subject to review/ approval by SUTD
5	SMT	99.507	Reliability Engineering and Failure Analysis of Advanced CMOS Devices	This course provides knowledge and skills on reliability and failure issues in CMOS devices, including topics on reliability physics, models, accelerated stress testing for the performance degradation, interpretation statistical data and statistical methods for reliability improvement. This course is also designed to address the challenges posed by continuous technological advancements in the field. Students will gain hands-on experience through practical activities and exposure to reliability and failure analysis tools used in the semiconductor industry. Additionally, the course explores emerging trends in reliability engineering, ensuring participants are well-versed in the latest advancements and challenges in this field.	12	Graded	Subject to review/ approval by SUTD
6	SMT	99.500	Applied Mathematics For Engineering	The Applied Mathematics course will provide students with an introduction to several advanced mathematical topics related to practical problems. The course will familiarize students with important mathematical tools that are often used for modeling and solution of engineering problems. The topics which we plan to cover in 2025 include complex functions, complex integration, complex series, residue method, conformal mapping, ordinary differential equations, special functions, Laplace transform, Fourier transform, and partial differential equations. The course will emphasize on problem solving skills through worked examples in class and regular assignments. A midterm project and a final exam will be given.	12	Graded	Subject to review/ approval by SUTD
7	LYKCIC	02.522	Urban Data & Methods II: Interpreting Urban Trends	This course is Part 2 of the Urban Data & Methods module. The course seeks to develop students' hands-on experience in analysing, interpreting, and developing a research proposal to study an urban issue or phenomenon. Using urban inequity as a focal point, the course introduces and contextualises how different methodologies – quantitative, qualitative and mixed methods – can be used to analyse urban inequities within and across cities. It develops understanding and skill in the collection, analysis and interpretation of information relevant to inequity and how it affects urban societies from different points of view such as transportation, housing, and employment. Students will also learn how to develop research proposal and address research ethics requirements.	12	Graded	Subject to review/ approval by SUTD
8	LYKCIC	02.542	Urban Planning and Policy II: Urban Symposium: Leadership and Planning in Singapore	Singapore has been recognized as a successful and well-managed global city in numerous international rankings of cities. In particular, it is often used to illustrate the importance of good leadershjp and planning in urban development. This course will help students understand how Singapore approaches its urban challenges, such as housing, transport, environmental degradation, job creation and the management of diversity. Through the careful examination of these empirical, Singapore-specific issues including visits to relevant agencies and organizations, broader questions that will have direct relevance to the development processes of other cities will be raised.	12	Graded	Subject to review/ approval by SUTD
9	LYKCIC	02.546	Creating the Frontiers of the No-Code Smart City	For far too long, the smart city has emphasized smart technology over smart people. With Gen AI, especially no-code Gen AI, we can finally move the emphasis back to smart citizens creating the future of the smart city. This course is thus a hands-on course in turning insights into creations. Every class will start with a discussion around the theory for and practice of leaders to design, build, and manage an economically competitive, socially inclusive, and technologically astute city and citizenry. These discussions span topics from strategy to stories, resilience to reskilling, and infrastructure to industrial revolution. Following the discussion, students will apply what they learned, to hands-on work with the instructor(s) to push the frontiers of what citizens can create for the smart city using no-code Gen AI (and AI and other tech in general). We go beyond the simplistic – sometimes gimmicky – generation of text, code, images etc to embedding this task of generation into the process and system of designing solutions for people. Where available, these solutions will be tested against users and stakeholders with real needs, and a substantial portion of the grades will be based on how well those needs are met. By the end of the course, we want to make possible what was once impossible (e.g. see Six Impossibles), and develop a sublime sophisticated new understanding of where smart cities are limited and/or limitless (e.g. Limit and Limitless).	12	Graded	Subject to review/ approval by SUTD

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No.	Pillar/Cluster	Course Code	Course Title	Course Description	Credits	Grading Scheme	Remarks
10	LYKCIC	02.548	Advanced Urban Analysis - Environmental Sustainability	This course introduces graduate students to the emerging field of urban sustainability from a combined academic-practical perspective. The course provides students with the theoretical and methodological tools with which to explore the potential for a sustainable urbanism. Approaches to foster more sustainable and resilient forms of urbanization and urban life in different sectors of urban operation (i.e. building, energy, transportation, water, waste, food, etc.) will be introduced and evaluated.	12	Graded	Subject to review/ approval by SUTD
11	LKYCIC	02.502	Imagining Resilient Cities	The term "resilience" has been applied in various fields, including ecology, biology, psychology, urban planning, and international politics. This course examines the theoretical framework and practical application of resilience building within the dimension of urban planning and policy. The course can be divided into two main sections: introductions to climate change, disaster, and adaptation; and thematic topics of vulnerability, adaptation, and resilience. Topics include climate change, vulnerability, justice, governance, participatory planning, local knowledge, and community resilience. In addition to discussing concepts, techniques, and tools, case studies with a reflective focus will be used to describe a variety of opportunities and challenges in the face of uncertainty. As a research seminar, students in this course will be active participants through photography presentations, oral discussions, fieldwork, and analytical essays to reflect and present the depth and breadth of knowledge and insights to the class on resilient cities.	12	Graded	Subject to review/ approval by SUTD
12	EPD	30.505	Design Science	Introduction of participants through pre-sen-ta-tion of their projects; the nature of de-sign and de-sign re-search; con-cepts and models and schools of de-sign and de-sign-ing; Design Research Meth-od-ol-o-gy (DRM); defining own project; iden-tifying areas of re-le-vance and own con--tri-bu-tion; formulation of research questions/hy-po-the-ses; establishing reference mod-els; re-search ty-pes; descriptive de-sign research (data col-lec-tion, ana-ly--sis, interpreta-tion, drawing conclusions); re-lating data collection methods to research ques-tions/hypotheses; the nature and use of theo-ries in de---sign; prescriptive phase of design re-search – de-vel-oping knowl-edge, meth-ods, models, tools; vi-sua-li-sing main research ob-ject(s) of own pro-ject; eval-ua-ting re-search re-sults; writing a thesis or other pub-li-ca--tion; research ethics. https://epd.sutd.edu.sg/graduate-courses/30505-design-science/	12	Graded	Subject to review/ approval by SUTD
13	ISTD	51.502	Systems Security - Professional	This course covers the design and implementation of secure computer systems. The course covers modern topics of computer security, including threat modeling, memory safety, network security, mobile security, privacy, security engineering, hardware security, and Bitcoin. It also discusses common frauds on the Internet and the related ecosystem, security of widely used computer platforms and user authentication.	12	Graded	Subject to review/ approval by SUTD
14	ISTD	51.503	Secure Software Engineering - Professional	This course is an introduction to a variety of topics related to secure software engineering, from secure requirement engineering, secure software design, secure coding to secure testing. Students will be exposed to advanced techniques and tools on tackling these problems and through project work learn how to develop research ideas on solving real-world problems of software systems.	12	Graded	Subject to review/ approval by SUTD
15	ISTD	51.508	Secure Cyber Physical Systems - Professional	This graduate level course develops a foundation for research on Cyber Physical Systems. The topics covered include architecture and types of CPS, programming CPS, modelling CPS, attacker models and attack types, attack detection methods, common industrial communication protocols, resilience assessment, tools for CPS design and assessment, and group project.	12	Graded	Subject to review/ approval by SUTD