

Inbound PG SUSEP GUIDE
Jan 2027 Trimester (Jan - Apr)

ABOUT SUTD

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!

10 MINUTES
from Singapore Changi Airport

35 MINUTES
to City Centre

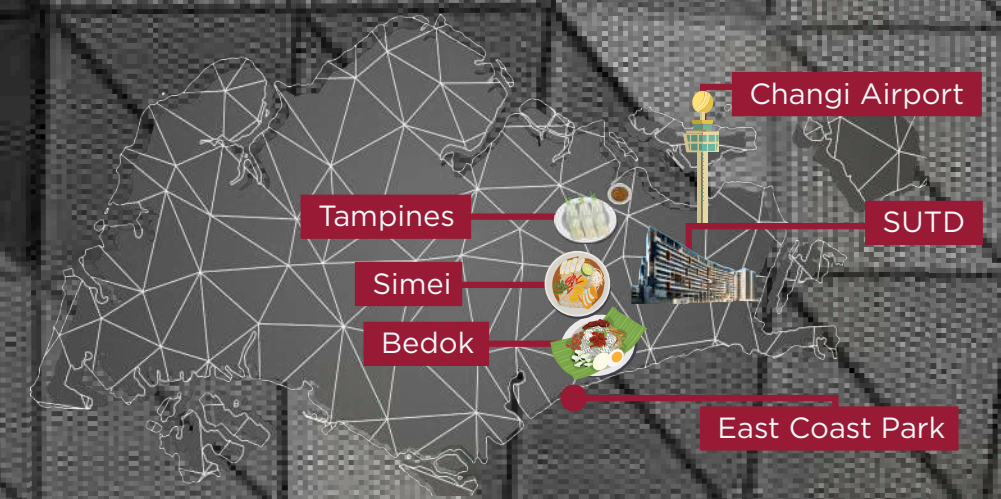
Human-Centric Approach to Technology and Design

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.



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

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.





SUSEP

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
(Fall term) offered to
SUSEP exchange
students

EXCHANGE TIMELINE

SPRING ACADEMIC (14-WKS)

01 Nomination for Exchange  You must be nominated by your home university first before applying to SUTD.	02 Application for Exchange  Ensure that all supporting documents are submitted when completing your application.	03 Offer and Acceptance  If successful, you will be informed via email. Login to accept the offer and view the list of approved subjects.	04 Online Matriculation  Matriculation is a formal process where you register for study at SUTD. You will be informed on the procedures via email.
Mid-Oct	Early-Nov	Mid-Nov	End-Dec
05 Subject Enrollment  You will be informed via email when the finalized timetable is available.	06 Orientation  A 2-day Orientation is held on the Wednesday and Thursday before the first week of your exchange. You can meet your fellow SUTD friends!	07 Start of Exchange  Ensure that you have completed all the assignments for all the subjects/projects you take.	08 End of Exchange  Ensure that you have completed all the assignments for all the subjects/projects you take.
Mid-Jan	End-Jan	25 Jan 2027 (Week 1 of Term)	30 Apr 2027 (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.



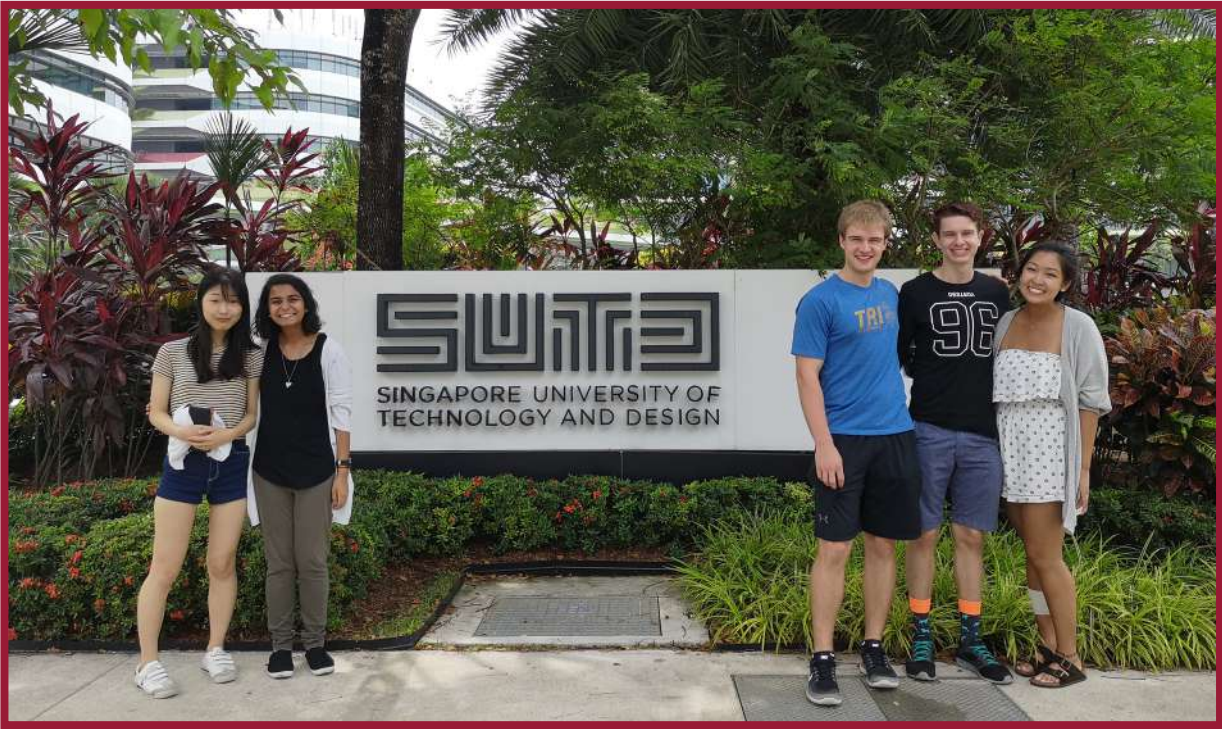
ANNEX

KEY EXCHANGE DATES



EXCHANGE PERIOD - 2027 Jan Trimester

Spring 2027 (14-weeks)	
Orientation	21 & 22 Jan 2027, Thu & Fri
Start of Exchange	25 Jan 2027, Mon
Recess Week	07 Mar - 14 Mar 2027
Final Examinations	15 Mar to 30 Apr 2027
End of Exchange	30 April 2027, Friday



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

SUTD CREDIT & GRADING SYSTEM



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

USER GUIDE FOR EXCHANGE APPLICATION



DOCUMENTS REQUIRED

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

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

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

CONNECT WITH US



<https://www.sutd.edu.sg/Admissions/Graduate>



phd@sutd.edu.sg

Courses offered by Singapore University of Technology and Design (SUTD) for PhD Students Exchange Programme AY2026/27 (January 2027 intake) as of 12 October 2026

Note: List of courses may be subject to changes without prior notice.

No.	Programme	Pillar/Cluster	Course Code	Course Title	Course Description	Grading/Credits	Remarks
1	PhD	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 public policy amid rapid digital transformation. The course can be divided into two main sections: introduction of resilience in the context of climate change and AI, and thematic topics of resilience, vulnerability, and adaptation. Topics include community resilience, participatory planning, social capital, and digital transformation. 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 facing precarity. As a research seminar, students in this course will be active participants through photography presentations, oral discussions, documentaries, and analytical essays to reflect and present the depth and breadth of knowledge and insights to the class on resilient cities.	Graded	
2	PhD	LKYCIC	02.542	Urban Policy and Planning in Practice: Singapore as a Living Laboratory	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 leadership 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.	Graded	
3	PhD	LKYCIC	02.546	Creating the Frontiers of the No-Code Smart City	For far too long, the smart city has emphasised 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. But first, students will need to grasp the power and perils of AI in the years to come. It is after all the technology of our times. They will need to grasp the power and perils of AI in the context of how and why leaders design, build, and manage an economically competitive, socially inclusive, and technologically astute city and citizenry. They will also need to grasp – literally – the power and perils of AI through hands-on designing with no-code AI. We call this Design AI. Design AI is creating and innovating with AI as a tool, teammate, and/or neither. AI is thus more than a tool. It means integrating AI – or consciously choosing not to – into every stage of the design process —understanding problems, generating possibilities, testing ideas, and creating solutions. The goal is to help citizens, planners, and leaders imagine and build solutions that fit real human needs. We will be building on our extensive research in Design AI as well as our experience in conducting workshops for over 1,000 C-suite leaders and industry professionals. The combination of research and practice have enabled decision makers to be more informed, human-centred decisions, and outcomes-centric. Interested students can choose to work on related research and industry projects for real-world impact of part of this class.	Graded	
4	PhD	LKYCIC	02.548	Advanced Urban Analysis: Urban Economics and City Systems	Implying that sustainable use of natural resources involves social justice and economic development as well as environmental concerns, the notion of sustainability has led away from narrower conceptions of urban environmentalism, toward more consideration for the future, greater integration of social and economic goals with environmental and ecological objectives, and hence a fundamental rethinking of how cities should be theorised, planned and managed.	Graded	
5	PhD	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.	Graded	
6	PhD	ESD	40.672	Foundations of Reinforcement Learning	This course provides an introduction to the foundations of reinforcement learning (RL), with a focus on understanding the fundamentals of RL and important RL algorithms. RL has become an important framework for various real-world applications such as robotics, post-training of large language models, and game playing. This course will introduce the mathematical formulation of Markov decision processes, value iteration, policy iteration, temporal difference learning, Q-learning, and important RL algorithms. Students will learn the fundamental concepts and principles of RL and core RL algorithms through mathematical derivation, programming exercises, and case studies. This course will include fundamental RL theory and programming using Python, standard RL environments such as Gymnasium (formerly called OpenAI Gym), and algorithm implementation packages such as CleanRL. This course is intended for graduate students interested in machine learning, AI, and sequential decision making.	Graded	
7	PhD	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.	Graded	
8	PhD	ISTD	51.519	Applied Data Science	This graduate level course introduces the end-to-end process of transforming data into actionable insights for real-world decision-making. The course covers the complete data science lifecycle, including data collection, preparation, exploratory analysis, feature engineering, experimental design, evaluation, and communication of results. Students will also learn techniques for analysing textual data and leverage modern generative AI tools, including multimodal large language models, to support data analysis.	Graded	
9	PhD	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 2027 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.	Graded	
10	PhD	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.	Graded	