DEGREE PROGRAMME HANDBOOK

AY2023/24

SINGAPORE INSTITUTE OF TECHNOLOGY

CONTENTS


IT ALL
STARTS
HERE

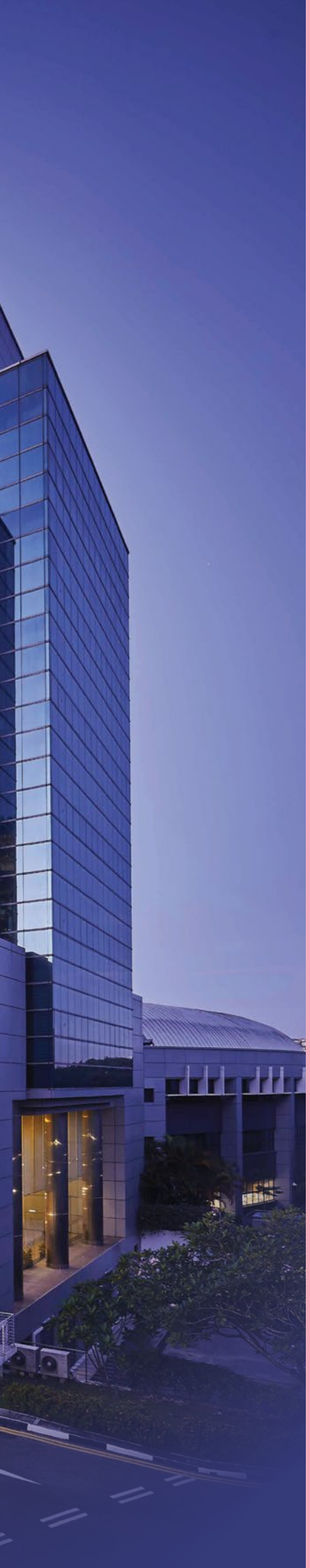
Starting university is a huge deal. You want an education that will allow you to be more than book smart and prepares you to be work ready.

SIT's focus on applied learning will strengthen your foundational knowledge by combining theory with practice. You will gain invaluable industry exposure through work-based learning, site visits, and industry-based capstone projects.

An interdisciplinary approach to learning is imbued in all our specialised degree programmes. You will acquire a broad suite of skills and knowledge through your majors and specialisations as well as adjacent disciplines that are highly sought after by the industry.

Our emphasis on integrative learning will help you gain in-depth knowledge and transferable skills that will give you a head start in your careers, as well as the tools to navigate disruptive change.

CREATE YOUR FUTURE WITH SIT, WHERE LEARNING COMES ALIVE!



5
PROGRAMME CLUSTERS

6
CAMPUSES

6
OVERSEAS UNIVERSITY PARTNERS

39
UNDERGRADUATE DEGREE OPTIONS

>140
STUDENT CLUBS, COMMITTEES, AND CHAPTERS

>200
STUDENT EVENTS AND ACTIVITIES

SIT AT A GLANCE

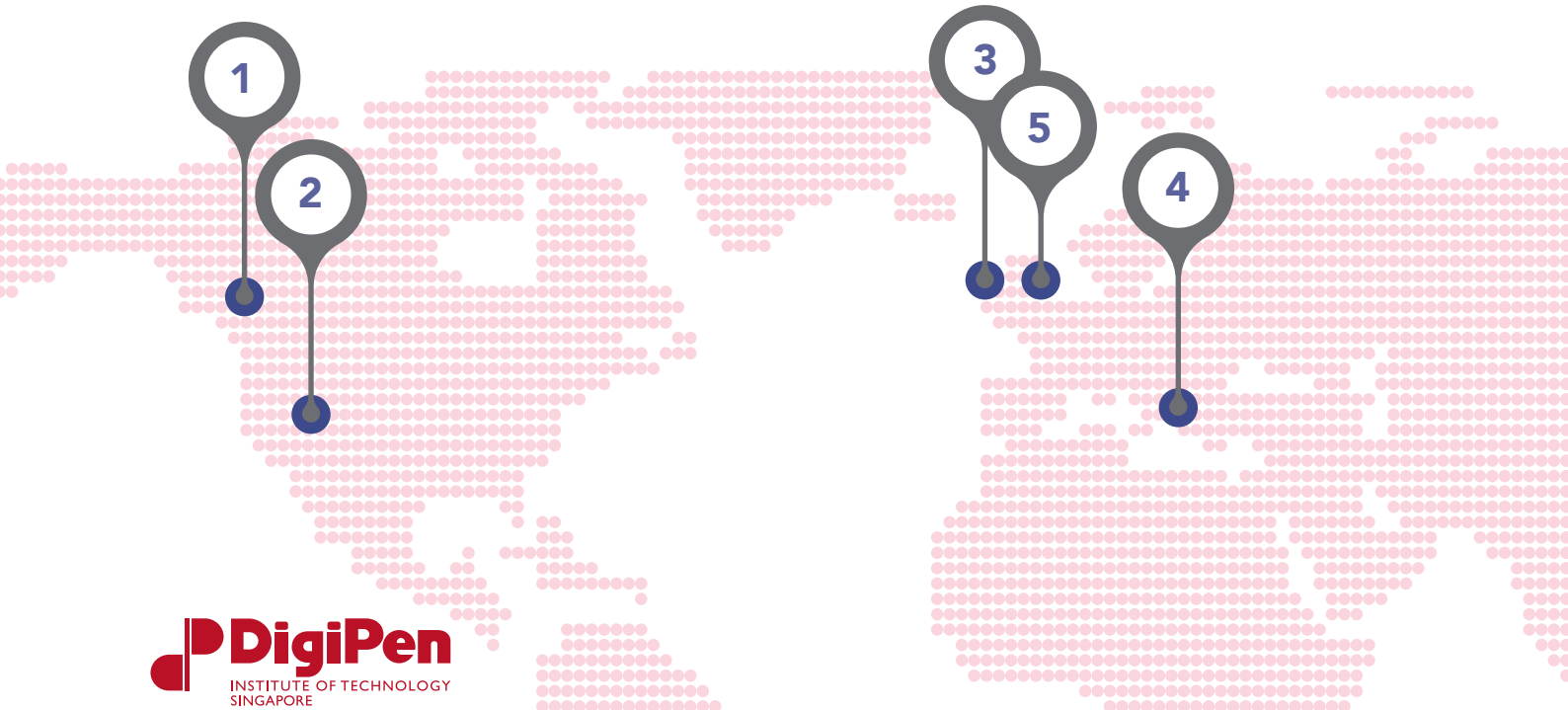
95.6%
OF STUDENTS SECURED A JOB WITHIN SIX MONTHS OF COMPLETING THEIR FINAL EXAM^

$3,755
AVERAGE STARTING SALARIES OF SIT GRADUATES^

^Source: 2021 Graduate Employment Survey

OVERSEAS UNIVERSITY PARTNERS

Pursue your aspirations at SIT. Our strong partnerships with distinguished overseas universities with specialisations across various disciplines, will enable you learn from experts in their field and expand your global perspectives.



DigiPen
INSTITUTE OF TECHNOLOGY SINGAPORE

1/ DigiPen Institute of Technology Singapore opened as the USA-headquartered college's first international campus in 2008, at the invitation of the Singapore Economic Development Board. As a renowned educator in the fields of computer science, embedded systems engineering, UI/UX design, and digital art and animation, DigiPen (Singapore) is committed to fostering academic growth and inspiring creativity in all its students. Today, the campus offers five bachelor's degree programmes, and graduates have gone on to work in a variety of sectors – including enterprise software, e-commerce, virtual reality, finance, digital entertainment, automotive technology, and engineering – to meet the demands of Singapore's growing digital economy.

www.digipen.edu.sg

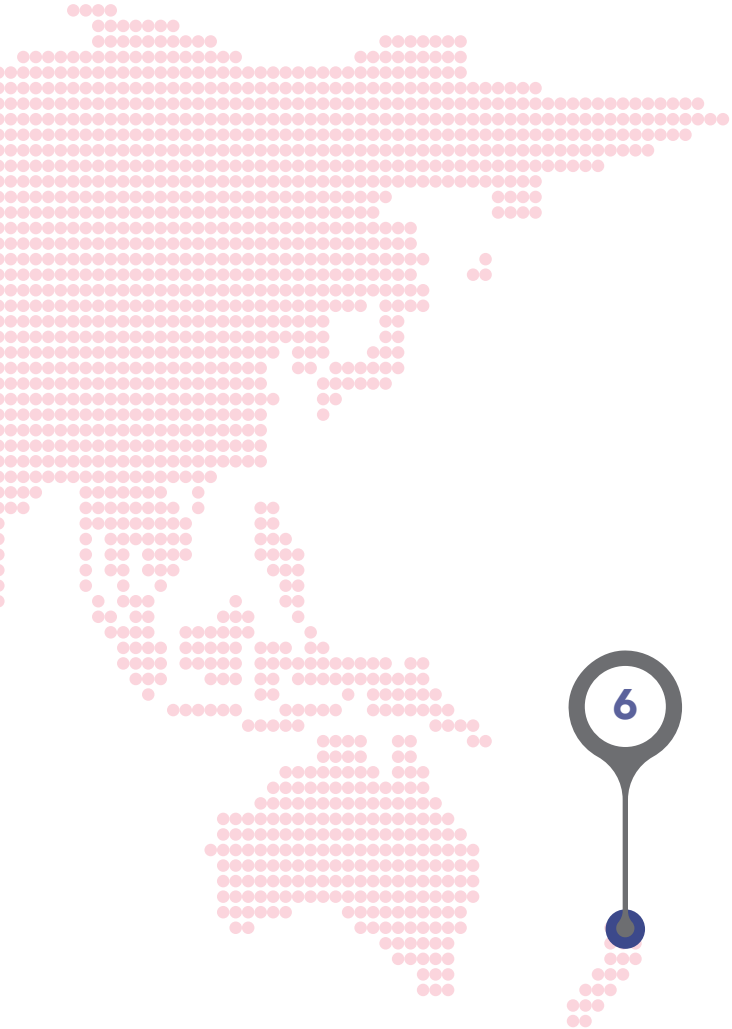
Culinary Institute of America

2/ Established in 1946, The Culinary Institute of America (CIA) is the world's premier culinary college. Dedicated to driving leadership development for the food service and hospitality industry, its proven programmes are the global benchmark for professional food education. Graduates go on to successful careers in all segments of the food world, and the college's 50,000+ alumni include prominent food professionals such as Cat Cora, Roy Yamaguchi, Charlie Palmer, Maneet Chauhan, and Grant Achatz.

www.ciachef.edu

3/ Founded in 1451, the University of Glasgow (UofG) is one of the UK's most prestigious seats of learning, and the fourth oldest university in the English-speaking world. A world top 100 university*, and consistently ranked among the top 10 in Nursing, Computing Science, and several Engineering disciplines in the UK, UofG is dedicated to inspiring people to change the world. We are proud to be a member of the distinguished Russell Group of leading UK research intensive universities, and also a founding member of Universitas 21 and The Guild of European Research Intensive Universities. We have been named Scottish University of the Year† in The Times and The Sunday Times Good University Guide 2022.

www.glasgow.ac.uk/singapore



*University of Glasgow is ranked joint 81st in the world in the QS World University Rankings 2023 and 19th THE World Impact Rankings.

†As ranked in the 2021 Global University Employability Ranking by Times Higher Education (THE) – Emerging.

^QS World University Rankings 2023.

#Times Higher Education World University Rankings 2023.

4/ Founded in 1868, the Technical University of Munich (TUM) is one of Europe's leading research universities. An entrepreneurial university that promotes talents and creates value for society, TUM has produced 18 Nobel Prize winners since 1927 and is the only university to have won recognition as a German 'Excellence University' in every round since 2006. TUM is consistently placed among the best universities in Germany in international rankings, and is currently ranked as the top university in Germany^, top 10 in Europe#, and 30th worldwide#. TUM is also ranked top 13 in employability, in the Global Employability Survey+.

www.tum-asia.edu.sg

5/ Newcastle University is a world-leading research-led university, advancing knowledge, providing creative solutions and solving global problems. It is recognised for its expertise in energy, data, and ageing research.

The University's Faculty of Science, Agriculture & Engineering is one of the biggest faculties in the UK. It is home to the £30mil National Innovation Centre for Data, which links leading academic talent from universities with industry and the public sector.

Being at the forefront of shipping, offshore, and marine renewables, the University has a significant track record and has a highly regarded reputation in marine and maritime study and research.

www.ncl.ac.uk/singapore

6/ Massey University is located across three major campuses in Auckland, Palmerston North, and Wellington. Massey is taking the best of New Zealand's creativity and innovation to every corner of the globe. Massey is ranked consistently in the top 300 universities worldwide^ and leads in Food Technology, Veterinary Science, Agriculture, Aviation, Sciences, Health, Social Sciences, Creative Arts, and Business.

www.massey.ac.nz

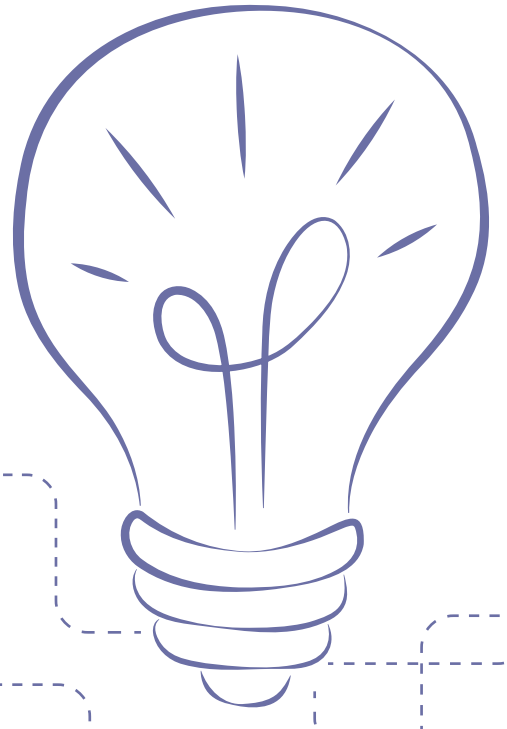
WHY SIT?

STRONG EMPLOYMENT OUTCOMES

Our graduates continue to be in demand, with high overall employment and starting salaries. More than 95%* of our graduates were employed within six months after graduation despite the current economic climate. SIT's uniquely structured Integrated Work Study Programme (IWSP), is an integral component of SIT-conferred and joint degrees. It provides students with valuable industry experience, so you can hit the ground running when you embark on your careers.

APPLIED LEARNING PATHWAY

Our unique education model embraces experiential and authentic learning to nurture active, lifelong learners. SIT incorporates applied research in the curriculum to enable you to contextualise your learning by working on real industry problems and creating solutions to meet industry needs.



SPECIALISED DEGREES COMPOSED OF MULTIDISCIPLINARY MODULES

To prepare you for future uncertainties, SIT incorporates interdisciplinary learning into the curriculum. You will be exposed to modules outside your discipline and collaborate on multidisciplinary projects to tackle industry or community problems. You will gain in-depth knowledge and mastery of interdisciplinary skills to help you meet the evolving needs of industry.

WORK-LEARN CONTINUUM

Benefit from an education that integrates work and study. As part of the university's advocacy for the work-learn continuum, we drive a culture of lifelong learning. We are the first university to pilot competency-based learning to upskill adult learners in the information and communications technology (ICT) and land transport sectors.

GAIN GLOBAL PERSPECTIVES

SIT's strong ties with reputable overseas universities and industry partners will provide you with a world-class education. Expand your global outlook when you study at the home campus of your overseas university through the Overseas Immersion Programme (OIP). Learn more about industry practices in foreign companies through the Overseas Exposure Programme (OEP), International Internship Programme (IIP), and Overseas Integrated Work Study Programme (OIWSP).

*Source: 2021 Graduate Employment Survey

SITizen-DNA

LIU QIUMEI

Graduate (2021)
Diagnostic Radiography

Radiographer
National University Health System Diagnostics

We aim to produce work-ready graduates armed with more than just paper qualifications, but who possess skills that can strengthen and energise industry and the wider community.

The four key traits of the SITizen-DNA serve as guiding principles for our curriculum design, pedagogical approach, and student interaction.

THINKING TINKERERS

- **Fundamentally Sound**
- **Practice-oriented**

ABLE TO LEARN, UNLEARN AND RELEARN

- **Embracing Change**
- **Learning Beyond University**

CATALYSTS FOR TRANSFORMATION

- **Improving Efficiency**
- **Creating Value Through Innovation**
- **Challenging Status Quo**

GROUNDED IN THE COMMUNITY

- **Serving the Community Through Knowledge and Skills**

TEY ZHI PENG GAIVIN

Graduate (2022)
Telematics (Intelligent Transportation Systems Engineering)*

**This programme has been renamed Computer Engineering*

About Myself
Aspiring software engineer with a heart for serving the community

My CCA
I am proud to be a part of the SIT Community Service Club, which was given the 'SIT-DNA – Catalyst for Transformation' award for bringing volunteering online during the pandemic to better connect SITizens to volunteering opportunities.

Key Projects
'Starts with the Heart' is a collaboration between the SIT Community Service Club, Silat Club, and Running Club to promote health and wellness, and volunteerism within the SIT community. We organised a 3km compassion run and conducted an online session with seniors from the Thye Hua Kwan Nursing Home.

One Myth About SIT
That there is no student life at SIT. Not true! You can choose from over 100 student management committees, special interests, sports, and art student organisations.

Scan here!

Gaivin shares '*5 Things You Should Know: Your First Year in University*'.


LEARN
BEYOND
BOOKS

LEARN BY DOING

We prepare you to be work-ready and embrace lifelong learning through our applied learning approach.
We interweave academic knowledge and skills with real-world applications in the industry, and community. To prepare you for the fast-evolving future of work, you will be exposed to interdisciplinary learning that will enable you to tackle complex and multifaceted problems in the industry.

FEATURES OF APPLIED LEARNING

SPECIALISED CURRICULUM

Customised to bridge academic and specialised knowledge

WORK-BASED LEARNING

Comprises experiential learning and comprehensive hands-on training

AUTHENTIC ASSESSMENT

Comprehensive assessment of skills relevant to real industry challenges

INDUSTRY COLLABORATION

Industry-relevant curriculum developed in consultation with key industry leaders and professional bodies

COLLABORATIVE ENVIRONMENT

Applying interactive tools to collaborate and learn, both online and offline

Scan here!

Hear what our SITizens have to say about their experience at Singapore's University of Applied Learning.

MUKESH BALU CHITIRAN

Graduate (2021)
Sustainable Infrastructure Engineering (Land)*

**This programme has been renamed Engineering Systems*

Lean Specialist
General Electric Aerospace (Singapore)

About Myself
I am ambitious and driven, always up for a challenge.

My Job
My role is to improve productivity in both operational and transactional functions by applying various tools and practices with a Lean disposition.

On Choosing SIT
SIT focuses on applied learning and lifelong learning. My prior working experience at ST Electronics was considered in the admissions assessment by SIT. Furthermore, SIT's industry-focused education appealed to me.

My IWSP Experience
I joined the Rolling Stock Department at SBS Transit North East Line (NEL), which manages the systems that keep the NEL trains moving. As an engineer, we regularly check the mechanical and electrical integrity of all subsystems to uphold the reliability of the NEL trains and ensure a safe ride for commuters.

Proud Moment During IWSP
Together with my teammates, we developed a new software tool that semi-automates data acquisition and visualisation for fault trend analysis. This saves man power hours and reduces overhead costs. This earned my team the Gold Award for the SBS Transit Productivity Scheme as a Lean Project.

Scan here!

Mukesh shares '*5 Things You Should Know: Applied Learning @SIT*'.


RESEARCH
MATTERS

APPLIED RESEARCH

We understand that the best way to teach is by giving students authentic experiences. We don't just impart theory. Instead, our faculty engage our students in applied research that drives industry innovation and transformation. We work with government agencies and industry players to innovate and develop solutions to meet the needs of Singapore and beyond.

SIT'S DO-IT-YOURSELF AUGMENTED REALITY (DIYAR) GOGGLES

To encourage young learners to learn about advanced technologies, SIT students and faculty invented an immersive educational tool, Do-it-Yourself Augmented Reality (DIYAR) goggles, which enables students to self-assemble them in a fun and cost-effective way. Through the process, students can learn fundamental knowledge about AR and 3D printing while appreciating their creations. The invention is one of the exhibits at X-Lab in Singapore Discovery Centre and has received positive responses from the public.

FIRST-IN-ASIA TESTBED PLATFORM TO ADVANCE RESEARCH ON PLANT-BASED PROTEINS

SIT collaborated with a team of specialists from A*STAR and NUS to develop a one-stop platform to provide high throughput protein profiling and functional characterisation tests to drive plant-based protein food innovation in Singapore. Through this initiative, the testbed will enable F&B companies interested in developing plant-based food products to identify unknown allergenicity, nutritional, and functionality information of plant-based protein ingredients and leverage the platform's research findings to spark innovation. This research platform will help accelerate Singapore's '30 by 30' food security goals.

SOAK IN THE HISTORY AND HERITAGE OF THE HEARTLANDS THROUGH AUGMENTED REALITY (AR)

SIT collaborated with the South-West Community Development Council, Corporate Alliance for Good Ltd, LDR Technology Pte Ltd, and SG Digital Office to launch the Heartland Gems @ South West Augmented Reality Trail in July 2022. SIT students were involved in developing the user experience concept and digital content for the trail and designing a heritage logo embedded with a QR code. Through the Locomole mobile app and QR codes placed along the trail, participants can listen to the stories of hawkers and merchants in the area and take photographs with 3D AR objects. Beyond learning about the heritage of the heartlands, they learnt new digital skills in support of the Digital for Life (DfL) movement.

HARNESSING TECHNOLOGY TO ADDRESS HEALTHCARE NEEDS

As part of their course work, a group of third-year Nursing students participated in an applied research project to uncover how older Singaporeans are coping with the digital push. The students developed a digital health teaching package for seniors and employed it at various Senior Activity Centres (SACs) under Methodist Welfare Services (MWS). The students conducted focus group discussions with the senior participants to discern existing levels of digital health literacy. In addition to offering the students a chance to better understand the group's concerns, it was an invaluable opportunity to get involved in real-world applied research, which is an important part of the curriculum.

REDUCING TRANSMISSION RISKS IN FUTURE AIRBORNE VIRAL OUTBREAKS

Although most of us live and work in buildings, how often do we think about the safety of the indoor air we breathe? In the wake of the COVID-19 pandemic, it has become imperative to rethink the design of ventilation systems and even buildings. SIT is studying SARS-CoV-2 transmission routes and their relative contribution to infection risks in both hospital and non-hospital environments. The results will be used to evaluate the existing effectiveness of different air-conditioning and mechanical ventilation (ACMV) systems.

YEO YUE HENG

Year 4
Information and Communications Technology (Software Engineering)

Vice President, SIT MindSports (2021)

About Myself
Always curious to find new ways to break the status quo.

My Applied Research Project
I am a student research assistant involved in an SIT Applied Learning and Innovation Grant (ALIGN) Project, which trains a chatbot to help SIT Physiotherapy students develop and practise their empathetical skills toward a patient. I am grateful for the opportunity to learn outside my domain knowledge.

Takeaways From My Applied Research Journey
Innovating new solutions incorporating modern ICT solutions to tackle real-life problems requires patience, determination, and collaboration across various stakeholders.

Aspirations After Graduation
I am interested in pursuing postgraduate studies because I want to be a part of the future. I would like to start my own company to harness artificial intelligence technology, and eventually, I would like to work on projects that will change how we see the world.

Scan here!

Yue Heng shares '*5 Things You Should Know: Embarking on Applied Research in SIT*'.


BE
FUTURE-
READY

INTEGRATED WORK STUDY PROGRAMME

Get the most out of your degree. Our distinctive Integrated Work Study Programme (IWSP) for SIT-conferred and joint degree programmes, will allow you to undertake 8 to 12 months of relevant work in the course of your study. You will be immersed in real work situations and projects that will enable you to develop professional competencies and be ready for the next step in your career.

INTEGRATING KNOWLEDGE AND PRACTICE

The knowledge and skills acquired through your programme will allow you to better analyse situations, and apply principles and theories to actual work performed on the job.

OPPORTUNITIES TO INNOVATE

Initiate innovative projects, under the guidance of SIT mentors and company-appointed supervisors, that give you opportunities to solve real issues in companies.

CAREER AND PROFESSIONAL SKILLS

Experience the entire process from submitting job applications to being fully trained in a job. Leverage the IWSP to develop competencies for the workplace and a keen understanding of the industry.

CHAN CHIN WEI

Graduate (2022)
Occupational Therapy

Occupational Therapist
Khoo Teck Puat Hospital

My clinical placements allowed me to see how theory is translated into practice, the experience also helped me understand my supervisors' real-world limitations and appreciate the creative solutions they devised to continue providing the best care for our clients. I was also privileged to witness the diverse populations that occupational therapists serve while upholding the core tenets of enabling meaningful participation for our clients.

MUHAMED JAUHAR S/O JABARULLAHAN

Graduate (2022)
Telematics (Intelligent Transportation Systems Engineering)*

I was attached to the innovations and corporate development department at YCH Group, where my role involved project management and finding technology to integrate into the processes within the company. Besides gaining valuable industry knowledge, I was able to develop myself personally and professionally with the mentorship given by my colleagues and superiors. The best part is that I received a job offer at the end of my IWSP!

**This programme has been renamed Computer Engineering.*

TAN HUI SHAN

Year 4
Systems Engineering (ElectroMechanical Systems)*

I worked as a UAV integration and test engineer at DSO National Laboratories where my job responsibilities included computer-aided designing, assisting in design integration, and conducting tests. I felt a sense of accomplishment when my supervisors recognised my contribution to the projects I was assigned. My IWSP experience has prepared me better for my capstone project and future employment.

**This programme has been renamed Mechatronics Systems.*

EVAN ANG SHAU-EN

Graduate (2022)
Air Transport Management

Ground Experience
Development Executive
Singapore Airlines

During my IWSP, my job at Changi Airport Group (CAG) was to analyse the data of existing enquiries received by the Changi Contact Centre and identify key trends for actionable insights and optimal deployment of agents. I was also part of the product owner squad for CAG's chatbot 2.0 revamp, where I curated and managed various content through regular stakeholder engagements. Although I learnt a lot from the projects I undertook, the most valuable experience was my interaction with supervisors and colleagues from various departments.

Scan here!

Watch Evan's Tik Tok on his IWSP experience!

MELVINDER SINGH

Year 4

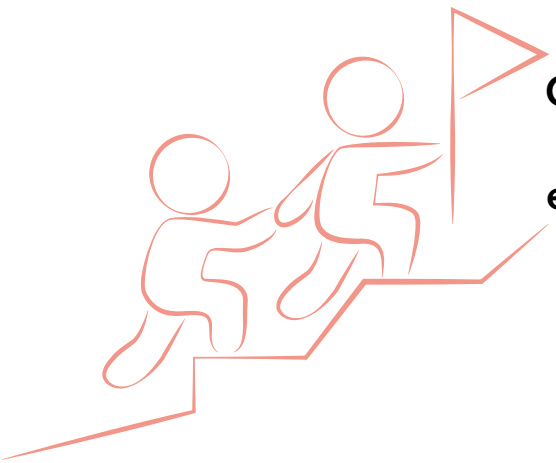
Pharmaceutical Engineering

My IWSP at Asia Pacific Breweries was a great way for me to gain hands-on experience with product manufacturing and engineering improvement projects. By studying new techniques and researching other approaches, I have a strong foundation and a robust understanding of the manufacturing environment. I am confident this experience will be helpful in my future endeavours in different industries, should I choose to venture into them.

Scan here!

Watch Melvinder's video on *'5 Things You Should Know: Student Life in SIT.'*

BE EMPOWERED IN YOUR FUTURE CAREER



Centre of Career Readiness (CCR) places your employability at the heart of your student experience. Through our dedicated initiatives and resources, you have opportunities to develop into a career-ready graduate at SIT.

CAREER COACHING

With a professionally-certified Career Coach assigned to your degree programme, you can explore career options with someone who understands the industry. They will help you identify your strengths and weaknesses, build an effective resume or cover letter, and perfect your 'elevator speech' to impress interviewers.

INDUSTRY EXPOSURE

Explore various career and industry opportunities from potential employers through industry and recruitment talks.

Meet potential employers in person at their premises through company visits. Gain first-hand insights into different working environments, culture, recruitment processes, and career opportunities.

NETWORKING EVENTS

Get a head start in your career by participating in our various networking events.

Connect with a strong network of professionals and find out which industries or companies are hiring in the new market conditions.

CAREER SUCCESS WORKSHOPS

Enhance your career skills with a series of Career Success Workshops, designed to help you stay ahead of the game in your job search.

INDUSTRY MENTORSHIP

Designed to prepare you for the workplace, the Industry Mentorship Programme connects you to experienced industry mentors who will guide and mentor you on a one-to-one basis and provide deeper insights into the industry and working life.

READYTALENT JOB PORTAL

Benefit from SIT's one-stop student job portal for all SIT work attachment positions, such as Integrated Work Study Programme (IWSP), Work-Study Degree, jobs under the SIT Student Work Scheme, as well as full-time and part-time job vacancies.

GO GLOBAL

We believe that learning should not be limited to the classroom. At SIT, we encourage you to venture out of your comfort zone and brave new challenges to deepen and broaden your learning journey.

For students pursuing SIT-conferred and joint degree programmes, you will get a chance to participate in carefully designed programmes such as the Overseas Exposure Programme (OEP)[1], International Internship Programme (IIP) and Overseas Integrated Work Study Programme (OIWSP).

For students pursuing joint or Overseas University (OU) undergraduate programmes, the compulsory[2] Overseas Immersion Programme (OIP) will provide greater learning experiences through international exposure. You will get to interact with your university professors and mentors while experiencing life abroad with fellow overseas counterparts.

[1]The Overseas Exposure Programme (OEP) is an optional programme that is available to selected SIT programmes and joint programmes.

[2]This excludes students in the joint Food Technology programme with Massey University. Subject to placement availability, students may complete their Final Year Project in the form of OIP in New Zealand. Students who do not attend the OIP will be required to complete an equivalent paper in Singapore.

OVERSEAS EXPOSURE PROGRAMME (OEP)

- Be exposed to industry best practices, gain cross-cultural awareness, and broaden your horizons.

OVERSEAS IMMERSION PROGRAMME (OIP)

- Includes lectures, hands-on project work, workshops, and industry visits.

OVERSEAS INTEGRATED WORK STUDY PROGRAMME (OIWSP)

- Gain work experience focusing on countries in the Greater China and ASEAN regions to deepen your international connections.
- Boost your career prospects back in Singapore as well as internationally.

INTERNATIONAL INTERNSHIP PROGRAMME (IIP)

- An industry induction initiative that offers international work exposure in Asia and beyond.
- Spend a few months working outside of Singapore to deepen your regional insights and widen your industry networks.

STUDENT EXCHANGE PROGRAMME (SEP)

- Study abroad at one of SIT's partner universities for one trimester, earning credits towards your SIT degree.
- Study and interact with students around the world, experience living abroad and learn about different cultures. This will help you develop into a global citizen.

NG ZHEN YI JANICE

Year 3
Hospitality Business

As a supervisor at Teaching Hotel Château Bethlehem, I manage the day-to-day operations in the front office and guide students along their hospitality journey towards success. I meet people from around the world and it warms my heart when they remember my name and thank me for my services!

Scan here!

Watch Janice's Tik Tok on her OIWSP experience!

JOAN CHARLOTTE TNG

Graduate (2022)
Hospitality Business
Semi-finalist at the Sustainability Hotel Challenge in Amsterdam

When I was given the opportunity to compete on an international stage and network with C-suite industry partners and students from different institutions, I knew that it would be a life-changing experience. My dream is to work for the United Nations one day. I want to fulfil my goal of helping young people around the world to obtain the necessities that a student needs while paving an education pathway for them.

Scan here!

Watch Joan's Instagram video on her global exchange experience!

RYAN LEE JI QUAN

Year 3
Civil Engineering

There's nothing like the experience of being a student at the home campus of the University of Glasgow to give you a new perspective on life. It's a place that will help you think outside the box and come up with 101 ways to solve any problem!

Scan here!

Watch Ryan's Tik Tok on his global exchange experience!

PANG ZHUO WEI

Graduate (2022)
Diagnostic Radiography

Diagnostic Radiographer
Tan Tock Seng Hospital

About Myself
An aspiring Magnetic Resonance Imaging (MRI) radiographer, with a love for sports!

My Job
Perform general radiography with appropriate patient care and produce images of diagnostic quality for radiological reports.

Global Experience
I participated in the Dosis Project – a collaboration between SIT and Metropolia University of Applied Sciences. The project provided opportunities for SIT students to work collaboratively with Finnish students on the project theme 'AI-based solutions in dose management' for X-ray or computed tomography (CT) images.

Takeaways from Global Experience
Dosis Project allowed me to appreciate the culture and education system in a foreign country. I had the chance to build on my interpersonal skills in a cross-cultural setting and improve my leadership and teamwork skills. This has truly been an eye-opening experience!

My Unforgettable Moment Overseas
It was a gruelling but worthwhile journey as my group managed to publish an article on reducing radiation exposure using AI technology in the Journal of Clinical Radiography and Radiotherapy.

Scan here!

Zhuo Wei shares '*5 Things You Should Know: Diagnostic Radiography*'.


FIND
YOUR
TRIBE

STUDENT LIFE

Life@SIT is yours to create, you get to design your own exciting, vibrant, and meaningful journey. We have more than 140 student organisations, recreational clubs and interest groups, from a wide range of categories and interests, just for you.

Together with your peers, we can nurture a vibrant, safe, and inclusive student community. Experience a campus that inspires an incredible student life like no other!

Check out some of the student clubs and groups you can join at Student Life, SIT!

SPORTS DEVELOPMENT

- Adventure
- Badminton
- Basketball
- Bowling
- Calisthenics
- Cue Sports/ 9-Ball Pool
- Dragon Boat
- Football
- Futsal
- Handball
- In-line Skating
- Motorcycle
- Silat
- Tchoukball
- Track & Field
- Ultimate Frisbee
- Volleyball

ARTS & CULTURE

- Audiowerks
- Ballroom
- Breakers
- Chinese Orchestra
- D'Streak Flo
- Dancesport
- Just Singers
- Muzeka
- Pianissimo
- Poco A Poco
- Soul Extreme
- Soundbox
- Symphonique
- Theatre
- Vocalist Insight

LEADERSHIP

- Diversity & Inclusion
- First Year Experience Executive Committees
- Inter Cluster Games Executive Committee
- Leaders for Special Projects
- Peer Supporters
- Performing Artistes
- SITizen Ambassadors
- Student Club Leaders
- Student Management Committees
- Vanguards
- Varsity Athletes

SPECIAL INTEREST & INDUSTRY CHAPTERS

- Astronomers
- Debate
- Geeks
- Indian Cultural Society
- Institute of Electrical and Electronics Engineers (IEEE)
- Japanese Culture
- Professional Convention Management Association
- Sign Language
- Society of Women Engineers (SWE@SIT)
- The Institution of Engineers, Singapore
- Wau! Malay Cultural Society
- Whiskurs

GLOBAL CITIZENSHIP

- Community Service
- Happinesscalls
- Magical Hearts
- Project IncluSGive
- Project YOUth
- Rotaract
- SITIntegrates
- Well-thy Minds

STUDENT WELFARE

- Counselling Service
- Laptop Support Scheme
- Special Education Needs
- Student Associates

With more than 140 student clubs to choose from, there's something for everyone! Scan here to find out more about life on campus.

BELLE SIM BEI-ER

Year 3
Information Communications and Technology (Software Engineering)

SITizen Ambassador
Vanguards (2022)
Creative Lead, SIT Geeks Club (2022)
President of ICT Student Management Committee (2021)

About Myself
I am an aspiring software engineer who enjoys bouldering in my free time.

My CCA
Exposing myself to CCAs is important to me. My involvement in the ICT student management committee, SIT Geeks Club, and as a SITizen Ambassador, packs my calendar but nourishes my mind and soul.

Key Projects
As part of the SIT Geeks Club, we are planning for SIT's first hackathon – HackRiftv – in collaboration with GovTech. This is an exciting event as the team wanted to showcase the abilities of our undergraduates and provide them with an opportunity to create impactful projects for our citizens.

Takeaways From My CCA
Being female in a male-dominated field and taking on a leadership role took me on an introspective journey of self-discovery. Some days were plain tough while other days brought great highs. I draw inspiration from my team because they keep me going!

Favourite Campus Moment
Late night dinners with my course mates after crunch periods. Nothing beats a nice bowl of Mala and bubble tea after a hard day's work.

Scan here!

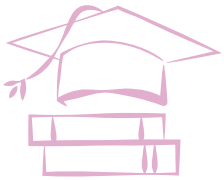
Belle shares '*5 Things You Should Know: Student Life in SIT*'.


TAKE THE
NEXT STEP

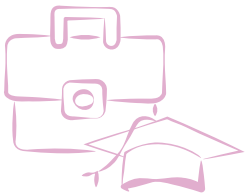
HOLISTIC ADMISSIONS

We adopt an aptitude-based approach in assessing applicants for admission. This means we look beyond your grades and see you as an individual with diverse qualities, talents, and life experiences. We are interested in who you are, and how you can contribute to the community and industry.

WHAT WE LOOK OUT FOR...



ACADEMIC PROFICIENCY AND PRIOR LEARNING



RELEVANT WORK EXPERIENCE

RELATED EXPOSURE AND ACHIEVEMENTS

PASSION AND APTITUDE

PERFORMANCE DURING INTERVIEWS

Submit and check your application status via **Admission.SingaporeTech.edu.sg**.
For application dates and deadlines, visit **SingaporeTech.edu.sg**.

ADMISSIONS TIMELINE

MID-JAN – MID-MAR

Application Opens

SIT Scholarship Application Opens

FEB – MAY

Shortlisted applicants will be jointly assessed for Scholarship eligibility as part of their admissions application. For specific degree programmes, you may have to submit portfolios or essays, and/or be assessed through written or technical tests.

APR – MAY

Check your Admissions Application Outcome. Students awarded Scholarships will receive their offers concurrently.

BY JOINT ACCEPTANCE DEADLINE

If your application is successful, accept our offer!

JUL

Financial Assistance Application Opens

When you have accepted our offer, you will receive a pre-matriculation package.

ACADEMIC REQUIREMENTS

We welcome applicants from different backgrounds and stages of life, including fresh school leavers pursuing higher education and adult learners seeking to reskill or upskill, particularly those who are reading their first degree. Check out the specific academic requirements here.

DIPLOMA FROM ANY LOCAL POLYTECHNIC

You may apply with a diploma from a local polytechnic. If you are a final-year polytechnic student, you may apply for admission using your first five semesters' results within the stipulated time frame. Upon receipt of your sixth semester's results and diploma certificate, you must then upload them as proof of graduation. Part-time diploma holders will be considered on a case-by-case basis.

DIPLOMA FROM OTHER INSTITUTIONS

If you are applying with a Diploma from BCA Academy, Institute of Technical Education, LASALLE College of the Arts, Nanyang Academy of Fine Arts, or other local institutions, you will be considered for selected programmes on a case-by-case basis.

GCE 'A' LEVEL

Obtained passes in at least two 'A'/H2 subjects, and offered either General Paper (GP) or Knowledge & Inquiry (KI) in the same sitting.

INTERNATIONAL BACCALAUREATE DIPLOMA (IB)

Obtained the IB Diploma.

Obtained a minimum grade five in at least two Higher Level (HL) and one Standard Level (SL) subjects. Forecasted results will not be accepted.

NUS HIGH SCHOOL DIPLOMA

Obtained the NUS High School Diploma.

OTHER YEAR 12/EQUIVALENT QUALIFICATIONS

You should have completed at least 12 years of formal education deemed as acceptable, equivalent qualifications to be considered for admission.

Forecasted results will not be accepted.

For GCE 'A' Level and NUS High School Applicants

Met one of the following Mother Tongue Language (MTL) requirements:

- Minimum 'S' grade for the H1 or H2 MTL paper, or General Studies in Chinese taken at the GCE 'A' Level examination
- Pass in the MTL 'B' Syllabus paper at the GCE 'A' Level examination
- Minimum D7 for the higher MTL paper taken at the GCE 'O' Level examination

For IB Applicants

Met one of the following Mother Tongue Language (MTL) requirements:

- Minimum pass grade for HL/SL MTL A: Literature
- Minimum pass grade for HL/SL MTL A: Language and Literature
- Minimum pass grade for HL/SL Language B
- Minimum D7 for the higher MTL paper taken at the GCE 'O' Level examination

Scan here for details of the relevant diplomas and programme specific requirements.

APPLICATION TIPS

LIST UP TO FIVE

programme choices in your application.

CHOOSE YOUR PROGRAMMES WISELY

in order of your preference and interest, as well as the competitiveness of the programmes.

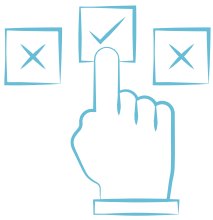
Highlight related

ACHIEVEMENTS AND SALIENT POINTS

in your Personal Statement to demonstrate your passion and aptitude.

Ensure that details of your academic qualifications are

ACCURATE AND COMPLETE



CHOICE ORDER IS TAKEN INTO CONSIDERATION

in the shortlisting for a specific programme. If you have been offered your first-choice programme, you will not be considered for subsequent programme choices.

Fill in your CCA participation and achievements, including noteworthy competitions (e.g., WorldSkills Competition, International Olympiad, RoboCup).

Ensure that details of your relevant work experience, including internships and Work-Study Post-Diplomas (related to programme choices) are

COMPREHENSIVE.

LIFELONG LEARNING

As an advocate of lifelong learning, SIT is committed to building greater resilience and upskilling manpower for Singapore's key sectors. Working adults can advance their capabilities and expertise through SIT's specialised degree programmes. Aspiring adult learners with work experience and records may be considered under SIT's aptitude-based admissions process.

GOH THIAM AIK, JONATHAN

Year 3
Information and Communications Technology (Information Security)*

Technical Manager
Ensign Infosecurity (Cybersecurity) Pte Ltd

My dream finally came true after 20 years in the IT industry. I was offered a chance to take up a degree in SIT majoring in Information Security through the Competency-Based Workplace Learning (CBWL) pathway with the support from my company. As a father of three, I want to be a role model and inspire my children to always continue learning and challenge themselves.

**This programme offers the competency-based workplace learning pathway with partner organisations.*

LIU QIUMEI

Radiographer

National University Health System Diagnostics

I had worked in finance for several years before deciding to make a career switch in an area that would allow me to contribute positively to society. I was interested in training to be a diagnostic radiographer, so I signed up for the Career Conversion Programme (CCP)^, which would allow me to pursue my interest in a new career. While it was challenging to balance studies and family, I had strong support from my husband, friends, and family.

^The Career Conversion Programme (CCP) helps and supports mid-career Singaporeans in acquiring relevant training to be Diagnostic Radiographers. CCP applicants must apply to both SIT as well as Workforce Singapore (WSG) during the application period to be considered.

Scan here!

Watch Qiu Mei's video on '*5 Things You Should Know: An Adult Learner in SIT.*'


SUPPORT
WHEN YOU
NEED IT

INVESTING IN YOUR FUTURE

We understand that a university degree is an investment for your future. That's why we are committed to providing students access to an excellent education, without letting financial challenges get in the way. Find out more about the financial assistance schemes available, so you will be empowered to take charge of your education journey.

TUITION FEES

SIT tuition fees are highly subsidised by the Ministry of Education through the Tuition Grant Scheme. Here are some financing options available to help you fund your tuition fees:

- MOE Tuition Grant[1]
- MENDAKI Tertiary Tuition Fee Subsidy
- Post-Secondary Education Account
- CPF Education Loan Scheme
- Tuition Fee Loan
- SIT Study Loan[2]
- Donor-Supported Bursaries

A combination of the schemes above can cover up to 100% of your subsidised tuition fees.

Scan here to view the Tuition Fees.

LIVING ALLOWANCE

As an undergraduate, you need daily essentials such as food, transport, and personal expenditure. These are some of the financial aid schemes that can be used to cover a portion of your living expenses.

- Higher Education Community Bursary
- Higher Education Bursary
- SIT Bursary
- Donor-Supported Bursaries

MISCELLANEOUS SUPPORT

For expenses incurred for the Overseas Immersion Programme (OIP)[3] or laptop.

- Laptop Support Scheme
- Overseas Student Programme Loan
- Emergency Funds and Grants

[1]The Tuition Grant Scheme is extended to Singapore Citizens (SC), Permanent Residents (SPR), and International Students (IS) enrolled in SIT. Eligible students who are awarded the Tuition Grant will pay subsidised tuition fees. The Tuition Grant is bond-free for Singapore Citizens. SPR and IS are required to sign a Tuition Grant agreement and work for a Singapore-based company for a period of three years upon graduation. SC, SPR, and IS who have received the tuition grant for studies in degree programmes at NUS, NTU, SMU, SUTD, SIT, SUSS, LASALLE, or NAFA, will be eligible for tuition grant of up to total credits required for graduation at SIT, less the percentage of semesters or trimesters of the tuition grant received at their previous university. Students who have fully utilised their tuition grant for degree programmes and were conferred degree qualifications will have to pay non-subsidised fees for the entire duration of their new programme.

[2]This includes the option for you to take up a repayable living allowance of $3,600 per Academic Year.

[3]The Overseas Immersion Programme (OIP) is offered to students pursuing joint or overseas university undergraduate programmes. The OIP provides greater learning experiences and includes lectures, hands-on project work, workshops, and industry visits. This enrichment cost is separate from the tuition fees. For more information, please visit **SingaporeTech.edu.sg/life-at-sit/global-experience**

Please note that applications for loan schemes, subsidies, bursaries, and grants must be submitted within the stipulated deadlines. Information is correct at the time of print. For more details, please visit **SingaporeTech.edu.sg/admissions/financial-aid**

SCHOLARSHIPS AT A GLANCE

We believe in creating opportunities for students to develop and achieve their goals, so we can cultivate future leaders for Singapore's growing industries. We invest substantially in our scholarships and recognise students for their academic excellence, robust co-curricular record, and strong leadership qualities. Our SIT scholars will contribute to the SIT community and be responsible global citizens.

	SIT Scholarship
Features	**Bond-Free** No bond is attached to the scholarship, enabling students to pursue their dream career without any worries. **Moulding Leaders of Tomorrow** Through various scholars' engagements, such as the induction camp, dialogue sessions, and specially-curated workshops, they will be equipped with valuable skills to stay ahead of the curve and remain relevant in the workforce.
Coverage	Full coverage of tuition fees (after MOE Tuition Grant) based on the prevailing cost of the degree programme for Singapore Citizens. Annual miscellaneous fees.
Undergraduate Programme	All programmes
Eligibility	• SC or SPR • Outstanding academic results • Strong leadership qualities • Good CCA record

KEY:
• SC = Singapore Citizen • SPR = Singapore Permanent Resident

Other types of scholarships, including donated and bond-free scholarships, are also available at SIT.

Donor-supported Bond-Free Scholarships

These scholarships have been made possible at SIT by generous donors who wish to nurture academic excellence among our students.

- AbbVie Scholarship
- Baker Tilly Scholarship
- BR Metals Scholarship
- CBJ Foundation Scholarship
- Choo-Lim Scholarship
- CrimsonLogic Scholarship
- DBS Scholarship
- EnGro Scholarship
- Foo Kon Tan Scholarship
- Henry HL Kwee Scholarship
- Ho Bee Scholarship
- IGG Scholarship
- Irene Tan Liang Kheng Scholarship
- iSparkle Scholarship
- John Abraham Rapid Physiocare Scholarship
- Kewalram Chanrai Group Scholarship
- KKH Scholarship
- KSF Beverage Singapore Scholarship Fund
- Lee Foundation Food Technology Scholarship
- Lim Doa Hin Scholarship
- Lim Siah Mong Scholarship
- Mighty Jaxx Scholarship
- Mr & Mrs Ko Seng Gie Scholarship
- Nexia TS Public Accounting Corporation Financial Scholarship
- OUE Scholarship
- P.L.A.Y. Lam Family Scholarship
- Peter Lim Scholarship
- Prima Group Scholarship
- Rotary Club of Bugis Junction Scholarship
- Rotary Club of Tanglin & Alvin Goh Scholarship
- Rotary Club of Tanglin & Tong Kok Chiang Scholarship
- RSM Singapore Financial Scholarship
- Sang Nila Utama Scholarship
- SBF Foundation – SIT Scholarship
- SCCCF Scholarship
- Seagift Scholarship
- Select Group Scholarship
- Shopee Scholarship
- Sing Lun Scholarship
- Singapore Chemical Industry Council Financial Scholarship
- Soon Family Digital Leadership Scholarship
- Sugiarta Foundation Scholarship
- Tan Sri (Dr) Tan Chin Tuan Scholarship
- Temasek Foundation Sunburst Scholarship
- The Ngee Ann Kongsi Scholarship
- Tseng Family Foundation Scholarship
- TUCSS Engineering Scholarship
- Wilmar Scholarship
- Yusof Ishak Scholarship

External Scholarships

SIT has a close symbiotic relationship with industry. Together with our industry partners, government agencies, and organisations, SIT has been providing opportunities to deserving undergraduates through scholarships and sponsorships. Our industry partners also benefit from our quality tertiary education when they send their employees to SIT to upgrade their skills and acquire new knowledge through our degree programmes.

Scholarships Administered by MOE-appointed Secretariat Office

- ASEAN Undergraduate Scholarship (AUS)
- LKY-STEP Award
- University Engineering Scholarship

DONOR-SUPPORTED AWARDS

Made possible by SIT's philanthropic partners, these awards await our very best talents:

AbbVie Outstanding Student Award in Pharmaceutical Engineering

Amazon Book Prize in Distributed Systems Programming

Amoy Street Dental Book Prize in Individual and Environmental Influences on Eating Behaviours

ARIS Integrated Medical Book Prize in Leadership and Change Management

AsiaCloud Solutions Book Prize in Change Management

Baker Tilly Outstanding Student Award in Accountancy

Blu5 Group Book Prize in Machine Learning

Chong Yook Yin Book Prize in Principles and Practice of Population Health

Choo Chiau Beng Outstanding Student Award in Naval Architecture

CPA Australia Book Prize in Fraud, Ethics and Forensic Accounting

CPA Australia Book Prize in Transfer Pricing

CSIT Book Prize in Secured Software Development

CSIT Outstanding Student Award in Information and Communications Technology (Software Engineering)

Cybersprout Book Prize in Network Security

Cybersprout Book Prize in Nutrition, Health and Disease

Cyclect Book Prize in Electrical Systems

Dell Book Prize in Cloud and Distributed Computing

Dell Yearly Performance Award

Deloitte & Touche Book Prize in Audit Process

Deloitte & Touche Book Prize in Financial Accounting

EPS Computer Systems Book Prize in Digital Innovations for Integrated Media

EPS Computer Systems Book Prize in Web Systems and Technologies

Foo Kon Tan Book Prize in Corporate Reporting and Financial Analysis

Hummingbird Health Pte Ltd Book Prize in Clinical Radiography Practice 1

IES-IStructE Joint Committee Book Prize

IMDA Gold Medal

ISCA Book Prize in Integrative Business Management

ITSEC Asia Book Prize in Ethical Hacking

Keppel Gold Medals

Kevin Liang Book Prize in Advanced Pastry

Kevin Liang Book Prize in Marketing Communications in the Digital World

Kevin Liang Book Prize in Web Systems and Technologies

Kimly Construction Best Final Year Student Award in Civil Engineering

Kitchen Haus Group Book Prize in Catering and Banquet Management

Kreston Ardent CAtrust PAC Book Prize in Accounting Information Systems

Kreston Ardent CAtrust PAC Book Prize in Business Valuation and Analysis

KRISfam Fund Outstanding Student Award for Entrepreneurship & Innovation

Land Transport Authority Best Final Year Sustainable Infrastructure Engineering (Land) Student Award

Lighthouse Club Singapore Book Prize in Engineering Mathematics 1

Mitsubishi Electric Asia Book Prize in Mechanical Design

Mount Alvernia Hospital Book Prize in Development in Nursing Practice

Nexia TS Public Accounting Corporation Book Prize in Auditing

NING Research Book Prize in Modelling and Simulation

PKF Book Prize in Change Management

Professor Wu Dao Quan (吴道全教授) Outstanding Engineering Student Award

Rotary Club of Bugis Junction Commendation Award

Rotary Club of Bugis Junction Outstanding Student Award

Rotary Club of Jurong Town Book Prize in Managing Long Term Conditions in Communities

Samwoh Corporation Outstanding Student Award in Civil Engineering

Security Systems Association of Singapore Book Prize in Web Security

Shirley Koh Book Prize in Digital Advertising, Branding, Campaigning

Shirley Koh Book Prize in Introduction to A La Carte Cooking

Singapore Chemical Industry Council Book Prize in Bachelor Thesis

Singapore Chemical Industry Council Book Prize in Process Safety

Singapore Concrete Institute Book Prize

Singapore Green Building Council Outstanding Student Award in Sustainable Infrastructure Engineering (Building Services)

Singapore Hotel Association Book Prize in Hospitality Data Analytics or Applied Data Analytics

SMRT Outstanding Student Award in Sustainable Infrastructure Engineering (Land)

SP Group Book Prize in Electrical Systems

Sport Singapore (SportSG) Book Prize in Enhancing Human Performance by Exercise

Sprinkler Fire Systems Book Prize in Fire Engineering Fundamentals

St Luke's ElderCare Book Prize in Community & Public Health Nutrition

St Luke's Eldercare Book Prize in Contemporary Occupational Therapy Practice with Older Adults

St Luke's ElderCare Book Prize in Healthcare Innovation and Productivity

St Luke's ElderCare Book Prize in Physiotherapy Across Lifespan (Older Adults)

steel.sg Book Prize in Civil Engineering Materials

Steelaris Book Prize in Design of Steel and Composite Structures

Talentsis Book Prize in Managing Human Resources

Taylor & Francis Asia Pacific Book Prize in Exercise Physiology

Terra Systems Book Prize in Computer Networks

Terra Systems Book Prize in Integrative Team Project

The Fullerton Hotel Book Prize in Strategic Management

The Ngee Ann Kongsi Gold Medal (For The Most Outstanding Graduating Student)

The Pan Pacific Brand Yearly Performance Award in Hospitality Business

The Pan Pacific Hotels Group Best Final Year Student Award in Hospitality Business

The PARKROYAL Brand Yearly Performance Award in Hospitality Business

X-Inc Book Prize in Foodservice Management

X-Inc Book Prize in Introduction to Collaborative Digital Media Production

YP Academy Book Prize in Business Information Technology

DONOR-SUPPORTED BURSARIES AND STUDY GRANTS

Made possible by donors, these bursaries and study grants level the playing field for financially disadvantaged students at SIT, enabling them to realise their fullest potential through a quality education.

Donor-Supported Bursaries/Study Grants	Residency Criterion	Quantum per Academic Year (SGD)
2020 Healthcare Heroes Bursary	SC	$5,000.00
Abwin Study Grant	SC	$5,000.00
Aeris Dynamics Bursary	SC/SPR	$5,000.00
Aero Inspection Bursary	ALL	$5,000.00
Aerospace Consultancy Bursary	SC	$5,000.00
AGI Freight Bursary	SC	$5,000.00
Ajit Prabhu Bursary	SC/SPR	$5,000.00
Alric Projects Bursary	SC	$5,000.00
Ascendas Real Estate Investment Trust ("A-REIT") Bursary	SC	$5,000.00
Ashland Bursary	SC/SPR	$5,000.00
Assure Singapore Pte Ltd Bursary	SC/SPR	$5,000.00
Bond Capital Bursary	SC/SPR	$5,000.00
Catalyst Bursary	SC/SPR (Malaysian)/MY	$5,000.00
CEI Bursary	SC/SPR	$5,000.00
Chen Sing Wu Memorial Bursary	SC	$3,000.00
Choo-Lim Bursary	SC	$5,000.00
Chua Thian Poh Bursary	SC/SPR	$5,000.00
Compass 8 Bursary Award	ALL	$5,000.00
Daniel Lin Bursary	SC	$5,000.00
Decision Science Agency Study Grant	SC	$5,000.00
Desiree Chua Bursary	SC	$5,000.00
DH RegSys Bursary	SC	$5,000.00
Dou Yee Enterprises Bursary	SC/SPR	$7,500.00
Dr Ang Poon Liat Bursary	SC/SPR	$5,000.00
Dr Clear Aligners Bursary	SC/SPR	$5,000.00
ELK Bursary	SC/SPR	$5,000.00
Enviro Gas Bursary	SC	$5,000.00
Er. Stephen Leong Bursary	SC	$5,000.00
finexis advisory Bursary	SC/SPR	$5,000.00
Fok Fook Cheong Bursary	SC	$5,000.00
Foong Hock Meng and Family Bursary	SC/SPR	$5,000.00
Geo Energy Bursary	SC/SPR	$5,000.00
GIC Sparks & Smiles Award	SC	$6,000.00
Goh Foundation Allowance	SC	$2,000.00
Goh Foundation Bursary	SC	$6,250.00
GSK-EDB-HRD Bursary	SC	$5,000.00
GSK-EDB-HRD Support Grant	SC	$2,000.00
Harrier Technology Bursary	SC	$5,000.00
Hifsah Begum Study Grant	SC/SPR (Malaysian)/MY	$5,625.00
Hj. Abdul Malek Mohamed Shah Study Grant	SC/SPR (Malaysian)/MY	$5,000.00
Ho Family Bursary	SC	$5,000.00
HSH Study Grant	SC	$5,000.00
ICH Group Bursary	SC	$5,000.00
James Teo Thuang Siu and Sim Choon Kieng Bursary	SPR(Malaysian)/MY	$5,000.00
Jeanette Wong Bursary	SC	$5,000.00
Jessie Thng Poh Choo Bursary	SC	$5,000.00
John Abraham Rapid Physiocare Bursary	SC/SPR	$5,000.00
JSP Study Grant	ALL	$5,000.00
Katong Catering Bursary	SC/SPR	$5,000.00
Kee Gen Heng Bursary	SC	$5,000.00
Keppel Study Grant	SC	$5,000.00
Khoo Chwee Neo Foundation Bursary	ALL	$5,000 – $10,000
Kimly Construction Bursary	SC/SPR	$5,000.00
Kleen-Pak Bursary	SC/SPR	$5,000.00
Kuang Yong Auto Bursary	SC/SPR	$5,000.00
Kwai Fong & Raymond Goh Study Grant	SC	$5,000.00
Kwee Poo Lien and Ong Kiem Kiok Bursary	ALL	$5,000.00

Donor-Supported Bursaries/Study Grants	Residency Criterion	Quantum per Academic Year (SGD)
Lee Foundation Bursary	SC/SPR	$6,220.00
Lee Foundation Emergency Grant	SC/SPR	Up to $5,000.00
Leo Infocomm Bursary	SC	$5,000.00
Lew Foundation Bursary	SC/SPR	$5,000.00
Li Ah Ngor Bursary	ALL	$5,000.00
Lien Shih Sheng Bursary	SC/SPR	$5,000.00
Lih Ming Construction Bursary	SC/SPR	$5,000.00
Lim Chew Swee Bursary	SC	$5,000.00
Lim Doa Hin Study Grant	SC	$5,000.00
Lim Family Bursary	SC	$5,000.00
Lim Leng Swan Study Grant	ALL	$5,000.00
Lim Pu Leh Bursary	SC/SPR (Malaysian)/MY	$8,000.00
Lions Community Service Foundation Bursary	SC	$5,000.00
Lo Chee Fei & Ng Choy Wah Bursary	SC	$7,500.00
Lo Hock Ling Bursary	SC	$5,000.00
Loo Shaw Chang & Tan Hooi Hong Bursary	SC	$5,000.00
Low Geok Cheng Bursary	SC/SPR	$5,000.00
LSK Engineering Bursary	SC	$5,000.00
M.Tech Bursary	SC/SPR	$5,000.00
Mapletree Bursary	SC	$5,000.00
Masonic Charitable Fund Endowment Bursary	SC	$5,000.00
Mdm Leow Sik Kee Bursary	SC	$6,000.00
MHC - Meek & Lowly - Ode to Art & Dr Ng Choon Hee Bursary	SC	$5,000.00
Mighty Jaxx Bursary	SC/SPR	$5,000.00
Mohamed Abdul Jaleel Bursary	SC	$5,000.00
Moses Sandra Ruth Bursary	SC/SPR	$5,000.00
Nebulas Tree Bursary	SC	$5,000.00
NetLink Trust Bursary	SC	$5,000.00
Ng Sheng Poh and Quek Siew Keow Bursary	SC	$5,000.00
Nippon Express Bursary	SC/SPR	$5,000.00
Octava Foundation Study Grant	SC	$5,000.00
Ohm Energy Bursary	SC/SPR	$5,000.00
P.L.A.Y. Lam Family Fund Bursary	SC/SPR	$5,000.00
Paul Tseng Study Grant	SC/SPR	$3,000.00
Pei Hwa Foundation Bursary	SC	$5,000.00
Peter Wong Tat Tak Bursary	SC/SPR	$5,000.00
PPC Building Services Bursary	SC	$5,000.00
Racks Central Bursary	SC/SPR	$5,000.00
Rotary Club of Bugis Junction Bursary	SC/SPR	$5,000.00
Rotary Club of Garden City Bursary	SC/SPR	$5,000.00
Rotary Club of Jurong Town Bursary	SC	$5,000.00
SC Mohan PAC Bursary	SC	$5,000.00
S.S. Jhunjhnuwala - Naumi Hotel Bursary	SC/SPR	$5,000.00
Samwoh Corporation Bursary	SC/SPR	$5,000.00
Samwoh Corporation Global Immersion Study Grant	SC/SPR	$5,000.00
Shen Yuan Pai and Julie Teo Lee Meng Bursary	SC/SPR	$5,000.00
Sheng Siong Group Bursary	ALL	$5,000.00
Silent Minority Bursary	SC (Malay, Indian, Eurasian descent)	$5,000.00
Sing Lun Bursary	SC	$5,000.00
Singapore Contractors Association Study Grant	SC/SPR	$5,000.00
Singapore Leong Khay Huay Kuan Bursary	SC	$3,000.00
Singh Family Study Grant	SC/SPR	$5,000.00
SIT Bursary	SC/SPR	$3,000.00
SIT Opportunity Bursary	SC/SPR	$5,000.00
SongHe Bursary	SC/SPR	$5,000.00
steel.sg Study Grant	SC	$5,000.00
Straits Bunkering Bursary	SC/SPR	$5,000.00
Straits Construction Bursary	SC/SPR	$5,000.00
Student Relief Fund @ SIT (COVID-19)	ALL	$2,000.00
SYNthesize Bursary	SC/SPR	$5,000.00
T T J Design and Engineering Overseas Immersion Programme Grant	SC/SPR	$4,000.00
T.E Engineering Bursary	SC	$5,000.00
TAK Bursary	SC	$5,000.00
Tan Mui Eng Bursary	SC	$5,000.00
TE Connectivity Bursary	SC/SPR	$5,000.00
Teo-Tan Family Study Grant	SC	$5,000.00
The 4 Angels and LU Kee Hong Bursary	SC	$5,000.00
The Ireland Funds (Singapore) Overseas Immersion Programme Grant	SC	$6,000.00
The Mohan Family Bursary	SC	$5,000.00
The Polyolefin Company Bursary	SC/SPR	$5,000.00
Thomson Shin Min Foundation Bursary	SC	$5,000.00
Thye Hong Study Grant	SC/MY	$5,000.00
Ti Sui Tsu Bursary	SC/SPR	$5,000.00
TiifinLabs Overseas Immersion Programme Grant	SC/SPR	$7,500.00
Tiong Seng Bursary	SC/SPR	$5,000.00
TL Whang Foundation Bursary	SC/SPR	$6,000.00
TL Whang Foundation Overseas Immersion Programme Grant	SC/SPR	$6,000.00
TME Bursary	ALL	$5,000.00
Tom Joe Hayes Bursary	SC	$5,000.00
VGC Technology Bursary	ALL	$5,000.00
Vidya D Jhunjhnuwala - Naumi Hotel Emergency Grant	ALL	$5,000.00
Woh Hup Bursary	SC/SPR	$5,000.00
Wong Kwok Leong (黄国量) Bursary	SC	$5,000.00
Wong SH Bursary	SC	$5,000.00
Wong Sooi Loon Bursary	SC	$5,000.00
Worldwide Hotels - Choo Chong Ngen Bursary	SC/SPR	$5,000.00
Wu Peihui Bursary	SC	$6,000.00
Xiao De (孝德) Bursary	SC/MY	$3,000.00
Xiao De (孝德) Emergency Fund	ALL	Up to $5,000.00
Yangzheng Foundation Bursary	SC	$6,250.00
Yeo Lik Kim Bursary	SC	$5,000.00
ZLC Bursary	SC/SPR	$5,000.00

KEY: • SC = Singapore Citizen • SPR = Singapore Permanent Resident • MY = Malaysian

OUR DEGREE PROGRAMMES

BUSINESS, COMMUNICATION AND DESIGN

JARROD CHUA JUN YUAN

Year 2
Digital Communications and Integrated Media

About Myself
I'm a space enthusiast and I would like to inspire people to look up at the stars and learn about the wonders of the cosmos!

Pursuing Digital Communications and Integrated Media
I want to learn more about communication on a deeper level, both in theory and application, to improve myself as a space communicator and alleviate my space communication brand to greater heights.

My Interests
I've always been interested in art. I started doodling on a sketchbook in primary school, and this interest soon developed into a skill when I learnt about graphic design in a module in my diploma.

Experience With NASA
During my national service, I combined my graphic design skills with my passion for space and created an art brand called 'Spaceytales'. It picked up traction after a few months and attracted the attention of NASA. They contacted me when I did a comic about their latest telescope. We worked together on public outreach for their telescope.

Aspirations After Graduation
I would like to build upon my space communication brand to become the hallmark of space edutainment.

Scan here!

Jarrod shares '*5 Things You Should Know: Digital Communications.*'

Accountancy

SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@Dover

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Chartered Accountant/Certified Practising Accountant
- Auditor and Forensic Accountant
- Management and Taxation Consultant
- Financial and Risk Analyst and Financial Controller

The Accountancy programme is a three-year, direct honours degree programme that will provide you with the requisite knowledge for a professional accounting career. You will undergo rigorous academic training and immerse yourself in the accounting industry through an eight-month Integrated Work Study Programme with government agencies and established accounting entities.

You will study Digital Accounting and Data Analytics core modules and be exposed to data visualisation and simulation skills, predictive modelling, machine learning, and blockchain technology. You will also be assessed on a final-year capstone project and apply your accounting knowledge using data analytic tools to analyse and solve applied industry problems.

The programme is accredited by local and internationally renowned professional bodies and admitted into the CFA Institute University Affiliation. SIT's unique curriculum also includes the Regional Exposure to Accounting Practice (REAP) programme, which familiarises students with the cultural, economic, and social nuances in the Asia-Pacific region.

Curriculum Highlights
- Applied Business Simulations and Data Analytics
- Blockchain Technology and Machine Learning
- Accredited by Local and International Professional Bodies
- A CFA Institute – University Affiliated Programme (Covers 70% of the CFA Programme Candidate Body of Knowledge)
- Regional Exposure to Accounting Practice (REAP)
- Eight-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

Air Transport Management

SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@RP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can look forward to careers with:
- Airlines
- Airports
- Freight Forwarders
- Aircraft Leasing Firms
- Ground Handling Agencies
- Aviation Regulator
- Aviation-related Business Units, Consultancy Firms, and Technology Firms

As the only Air Transport Management degree offered by an autonomous university in Singapore, this programme plays a vital role in developing talents for the civil aviation industry. This three-year, direct honours degree programme provides you with the opportunity to undertake an applied education in air transport, and to acquire the practical knowledge and skills in the areas of management and operations engineering in the air transport industry.

With a strong industry focus and rigorous curriculum, this programme will equip you with a practical academic foundation and applied knowledge of the aviation sector. These are critical attributes for lifelong learning.

Curriculum Highlights
- Air Cargo Operations and Management
- Airline Network and Fleet Planning
- Airline Operations and Management
- Airport Operations and Management
- Business Continuity Management
- Operations Research in Aviation
- Revenue Analysis and Management
- Capstone Project
- Eight-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

Digital Communications and Integrated Media

SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@TP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can look forward to careers with a focus in these areas:
- Digital Strategy
- Data Analytics
- Corporate Communications
- Public Relations
- Advertising

The Digital Communications and Integrated Media direct honours degree programme prepares you to excel in communication, media, and information work across a range of industries. You will have the skills to be managers and account executives. You will be able to work in a wide variety of fields, leveraging skills gained in three core areas – Digital Web Analytics, Integrated Media Management, and Digital Media Production.

Curriculum Highlights
- Digital Innovations for Integrated Media
- Marketing Communications in the Digital World
- Data Visualisation
- Social Media Analytics
- Strategic and Public Communications
- Digital Advertising, Branding, Campaigning
- Eight-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

Food Business Management (Baking and Pastry Arts)

Culinary Institute of America

Campus Location
Temasek Polytechnic

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Executive Pastry Chef
- Head Baker
- Head of Operations
- Business Development
- Sales and Marketing
- Entrepreneur
- Chocolatier
- Food Writer
- Caterer

Presented by the world leader in culinary education, this programme will provide you with an in-depth understanding of the baking and pastry world. You will gain valuable hands-on bakeshop experience. Expert pastry chefs and instructors will help you learn baking and cooking methods, gain leadership skills, and acquire valuable knowledge about the business that is relevant to a wide variety of food careers.

Offering the same proven curriculum that the college delivers at its United States campuses, the programme develops your understanding and knowledge in breadmaking, cake and pastry production, business skills, and the catering industry. It also covers advanced areas, such as revenue management and marketing for catering and hospitality businesses, preparing you fully to become a valuable, forward-thinking professional wherever you go in the food world.

Curriculum Highlights
- Café Menu Development
- Managerial Accounting
- Nutrition
- Baking and Pastry Development
- Individual and Production Pastries
- Beverage and Customer Service
- Confectionery Art
- Food Service Management
- Café Operations
- Confectionary Art and Specialisation Cakes
- Chocolate and Confectionery Technology and Techniques
- Principles of Menus and Managing for Profitability in Foodservice Operations
- Overseas Immersion Programme (OIP)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

Food Business Management (Culinary Arts)

Culinary Institute of America

Campus Location
Temasek Polytechnic

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Executive Chef
- Restaurateur
- Head of Operations
- Head Sommelier
- Business Development
- Hospitality and Service Manager
- Research and Development Specialist
- Food Writer or Critic
- Entrepreneur

Presented by the world leader in culinary education, this programme will provide students with an in-depth understanding of the food world and valuable hands-on kitchen experience. Expert chefs and instructors will help you learn cooking and baking methods, gain leadership skills, and acquire valuable knowledge about the business.

Developed from the same proven curriculum the college delivers at its United States campuses, the programme builds your understanding and command of global product knowledge and cuisines, business skills, and the catering industry. It also covers advanced topics, such as revenue management and marketing for catering and hospitality businesses, preparing you fully to become valuable, forward-thinking professionals wherever you go in the food world.

Curriculum Highlights
- Menu Development
- Managerial Accounting
- Nutrition
- Contemporary Hospitality and Service Management
- Global Cuisines and Culture
- Food Service Management
- Restaurant Operations
- Principles of Menus and Managing for Profitability in Foodservice Operations
- Overseas Immersion Programme (OIP)

Scan here to find out more.

Hospitality Business

SIT SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@RP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can look forward to careers in these areas:
- Hotels and Integrated Resorts
- MICE and Event Management Companies
- Tourism and Hospitality Consulting Firms
- Tourism Bureaus
- Airlines and Airports
- Tourist Attractions
- Tourism E-commerce Companies
- Food and Beverage Establishments

As the first and only Hospitality Business direct honours degree programme offered by an autonomous university in Singapore, the curriculum is developed in collaboration with the hospitality industry to give you the competencies needed for a management career in the industry. To develop the next generation of constructive, transformational leaders for the local and global hospitality markets, SIT will help you master the rigorous academic content based on practical insights.

Relevant applications, local contextualisation, and international elements will be embedded in all modules. Such purposefulness and consistency will help you develop mindfulness and become more astute as you learn about the different aspects of hospitality.

Curriculum Highlights
Expect a curriculum that combines theory and current industry practices against the backdrop of a Singapore-oriented context, with industry specialisations in:
- Hotels and Integrated Resorts
- Event and Entrepreneurship
- Travel and Tourism

Gain relevant work experience through:
- Eight-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

GWYNETH ANG YEE LYN

Graduate (2015)
Culinary Arts Management
The Culinary Institute of America

Co-founder and Director
One Prawn & Co

About Myself
An enterprising young chef who seeks to preserve local food heritage.

My Job
As co-founder and director, I have to wear many hats. I work closely with our marketing team to explore new markets, oversee the creation of our latest products, and ensure that we stay on top of day-to-day operations. I also ensure that we balance finances and keep an eye out for what's coming next.

Challenges as an Entrepreneur
The F&B industry in Singapore is highly competitive. Speaking for every business owner, we face a constant labour crunch, rental issues, and rising food prices. We must be quick to adapt.

On choosing SIT
In the F&B industry, experience often triumphs. Choosing SIT allowed me to acquire valuable industry experience even before graduation. The internships and exposure to various culinary disciplines gave me a head start in my career.

My Global Experience
The Overseas Immersion Programme to the US was eye-opening. We got to see the cultural differences and how businesses of varying scales plan, execute, and improve their operational capabilities.

Hidden Talent
I am also an avid potter. As chefs, we have trouble finding the proper serving vessels for our dishes. Someday, I would like to make all my serve ware myself.

Scan here!

Gwyneth shares '*5 Things You Should Know: Culinary Arts*'.

ENGINEERING

TAN ELLICE

Year 2
Robotics Systems

Vice President (Engagements), Robotics Systems Student Management Committee

About Myself
Positive, highly observant, and always eager to learn.

Pursuing Robotics Systems
I have a background in coding and wanted to learn more about the capabilities of robotics and how they can make our lives easier. Seeing that the curriculum has modules in Artificial Intelligence and AI Robotics, I was sold as I want to be a part of Industry 4.0!

On Choosing SIT
I wanted a university that would not only equip me with academic knowledge but also the technical skills that would get me industry ready.

Favourite Campus Moment
When I first started learning mechanical fabrication, my classmates gave me tips on how to do it correctly. It was my first time doing that and it was very fulfilling when everyone worked together and motivated one another.

Scan here!

Ellice shares '*5 Things You Should Know: Robotics*'.

Aerospace Engineering

Campus Location
SIT@NP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can look forward to careers with a focus in these areas:
- Unmanned Aerial Systems and Robotics
- Aircraft Engine Design and Servicing
- Production, Process and Test Engineer
- Engineering Design (Aerodynamic and Structural)
- Airworthiness and Quality Assurance
- Air Traffic Control

The Aerospace Engineering programme is a three-year direct honours degree, jointly offered by SIT and University of Glasgow. Through this programme, you will build a sound foundation in aerospace engineering through a curriculum that merges fundamental engineering knowledge with specialised unmanned aerial systems (UAS) topics. Practical project work in UAS will allow the application of the learnt material in the context of real engineering problems.

The programme has a strong industry focus, not only limited to UAS application, but also covers a wide range of other aerospace applications. You will develop relevant industry skills during an eight-month Integrated Work Study Programme with our industry partners and experience the aerospace sector in the UK during the three-week Overseas Immersion Programme.

With valuable industrial experience, technical expertise and transferable skills – such as oral and written communication, teamwork, analytical abilities, and time management – you will have a sound background for employment in the industry.

Curriculum Highlights
- Aircraft Performance and Propulsion
- Aerodynamics and Computational Fluid Dynamics (CFD)
- Aircraft Structures and Composite Materials
- UAS Design and Build Projects
- Flight Systems and Avionics
- Eight-month Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

Note: This undergraduate programme will be admitting its last intake in AY2023/24

Scan here to find out more.

Aircraft Systems Engineering

Campus Location
SIT@Dover

Eligibility*
- Relevant Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Licensed Aircraft Engineer
- Quality, Process, and Test Engineer
- Engine and Component Workshop Certifying Staff
- Engine MRO and Production Engineer
- Technical or Cabin Service Engineer
- Repair Development Engineer

The Aircraft Systems Engineering programme with honours is developed in collaboration with SIA Engineering Company (SIAEC), which provides extensive Maintenance, Repair, and Overhaul (MRO) services to more than 80 international airlines worldwide.

Built on an interdisciplinary curriculum with a practical hands-on approach that cuts across engineering and science, you will be trained to be theoretically-grounded and practice-oriented for the Aerospace and MRO industries. The curriculum incorporates an intensive eight-month Integrated Work Study Programme training at SIAEC's workshops and hangars.

In addition to a degree awarded by SIT, you are able to obtain a Certificate of Recognition (CoR) by SIAEC upon meeting their requirements. This CoR is recognised by the Civil Aviation Authority of Singapore (CAAS), and certifies that the holder has completed a SAR-147 Approved Basic Course.

Should you embark on a career as a Licensed Aircraft Engineer (LAE) with an MRO organisation in Singapore, you will acquire your Aircraft Maintenance License (AML) in a shorter time, compared to your peers. If you perform well in your second year, you may be awarded the SIAEC Trainee Aircraft Engineer (TAE) Scholarship, which includes a 28-month training programme (TAE Programme) upon graduation, to qualify as an LAE. TAE scholars will be required to serve a bond with the SIAEC Group.

Curriculum Highlights
- Aircraft Materials and Flight Mechanics
- Human Factors and Aviation Legislation
- Fixed Wing Systems
- Aircraft Electrical and Cabin Systems
- Capstone Project
- Eight-month Integrated Work Study Programme (IWSP) at SIAEC

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

Civil Engineering

Campus Location
SIT@Dover

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can look forward to careers with:
- Building and Construction
- Engineering Design Consultancy Firms
- Facility Operator
- Government Agencies
- Property Developer

With a strong industry-focused curriculum, the SIT and University of Glasgow joint degree with honours in Civil Engineering will equip you with practical knowledge and skills to plan, design, construct, maintain, and operate infrastructures, including roads, rails, bridges, buildings, canals, ports, and underground structures.

Upon successful completion of the BEng Civil Engineering programme, you may continue with the MSc Civil Engineering, which will qualify you to sit for the professional registration examinations, conducted by the Professional Engineers Board Singapore. You will also acquire deeper skill sets by specialising in structural engineering and geotechnical engineering at the graduate level.

The MSc Civil Engineering with BEng Civil Engineering has been granted Provisional Accreditation by the Engineering Accreditation Board. Strong emphasis is placed on the industrial relevance in the curriculum development of the Civil Engineering programmes, which are developed in consultation with government agencies and companies from the construction sector.

Curriculum Highlights
- Structural and Geotechnical Design
- Construction Technology
- Building Information Modelling (BIM) for Civil Engineers
- Hydraulics and Hydrology
- Capstone Project
- Eight-month Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

Scan here to find out more.

Computer Engineering

Campus Location
SIT@Dover

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Engineer (Design/Application/Network/ Telematics/Technology Integration)
- Software Engineer
- Engineer (Intelligent Transportation Systems)
- Project Manager/Officer/Engineer
- Technology Consultant

A first-of-its-kind direct honours degree offered in Singapore, the Computer Engineering programme was developed in partnership with various organisations in the land transport industry, including LTA, Singapore Technologies, National Computer Systems, and other companies in the automotive industry, such as Continental Automotive Singapore Pte Ltd.

You will be equipped with electrical engineering and computer science core skills, as well as intelligent transportation systems (ITS) knowledge, through rigorous academic training by highly qualified professors, while having work-study stints with established organisations. In line with Singapore's efforts to become a Smart Nation, you will train to become deep specialists in the relevant areas that are much needed in the industry to support this vision.

Curriculum Highlights
- Sensors and Control
- Embedded System Design
- Wireless Communication
- Transport Management
- Design Project
- Eight-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

Digital Supply Chain

SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@NYP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Supply Chain Solutions Engineer
- Supply Chain Analyst
- Data Scientist
- Software Engineer
- Business Process Analyst

The Digital Supply Chain (DSC) is a three-year direct honours, interdisciplinary supply chain degree programme that cuts across ICT, Engineering, and Supply Chain Management domains. Digital transformation, driven by Industry 4.0 and national digitalisation initiatives, has raised the demand for DSC graduates.

Supply chain and logistics companies are increasingly adopting new technologies and developing new capabilities in artificial intelligence (AI), internet of things (IoT), and robotics as part of transformation efforts. You will possess a competitive edge, given that supply chain and logistics business models and operations are quickly evolving with emerging digital technologies. You will acquire interdisciplinary knowledge in these areas:

- **Supply Chain Management**: Knowledge and skill sets in designing digital supply chain solutions.
- **ICT**: The bedrock of foundational computer science and software engineering is essential for mastery of digital skills.
- **System and Engineering**: Knowledge and skill sets in conducting systems modelling, simulation, and managing digital supply chain integration projects.

Upon graduation, you could take on technical roles in digital transformation, Industry 4.0, systems and solutions development, and systems and project management in the public or private sectors, or embark on further postgraduate study and join research institutions or academia.

Curriculum Highlights
- Supply Chain 4.0
- Supply Chain Solutions Design
- E-commerce Logistics
- Cyber-physical Digital Twins in Supply Chain
- Industrial Internet of Things and Data Analytics
- Introduction to Software Engineering
- Machine Learning
- Capstone Project
- Eight-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

Electrical Power Engineering

SINGAPORE INSTITUTE OF TECHNOLOGY | Newcastle University

Campus Location
SIT@NYP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can look forward to careers in these areas:
- Power Generation and Utilities
- Energy Market Management
- Transportation and Mobility
- Marine and Aerospace
- Sustainable and Renewable Energy
- Electronic Systems Design
- Electrical Services and Consultancy
- Research and Development

As the first dedicated Electrical Power Engineering programme with honours in Singapore, this joint degree offered by SIT and Newcastle University aims to produce a special breed of engineers who will be able to provide a substantial and lasting contribution to their profession.

The curriculum is customised to meet local industry demand aligned with Singapore's Energy Story. This degree will equip you with the necessary technical competence, tools, and personal skills, as well as develop your understanding, expertise, and professionalism as you progress through your career.

Graduates of this programme with good academic results and relevant working experience may also pursue the MSc Electrical and Electronic Engineering, with an Electrical Power Engineering specialisation. This provides further learning needed for Chartered Engineers or Professional Engineers registration.

Curriculum Highlights
- Individual Industry or Research Capstone Project
- Critical Thinking and Innovative Design
- Digital Transformation Skills
- Power & Energy Specialisation Track
- Transportation Electrification Specialisation Track
- Social and Community Grounding Modules
- Eight-month Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

Electronics and Data Engineering

Campus Location
- SIT@Dover
- SIT@SP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Electrical and Electronics Engineer
- Application Engineer
- Data Engineer
- Data Analyst
- Process Engineer
- Production and Test Engineer

The Electronics and Data Engineering programme is a four-year honours degree programme, jointly offered by SIT and Technical University of Munich. It combines electronics and data engineering, equipping you with the necessary skills and competencies for the emerging digital workforce.

This programme encompasses a broad-based curriculum, focusing on semiconductor technology, sensors, related electronics, practical applications of data science, as well as aspects of data collection and analytics.

You will learn the fundamentals necessary for the electronics industry, including the foundations of data engineering – both built over a structured and rigorous curriculum that involves mathematics, physics, electronics, circuits, programming, databases and algorithms, internet of things (IoT), automation and control, machine learning, data mining, and more.

Curriculum Highlights
- Bioelectronics
- Industrial Electronics
- Semiconductor Fabrication
- Internet of Things
- Data Analytics
- Machine Learning
- Automation and Robotics
- 12-month Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

Scan here to find out more.

Engineering Systems

Campus Location
- SIT@Dover
- SIT@SP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can look forward to careers in:
- Engineering Systems Integrators (e.g., ST Engineering)
- Engineering Systems Services and Consultancy
- Public Transport Operators (e.g., SMRT, SBS Transit)
- Public Sector (e.g., Land Transport Authority)
- Transport Systems Original Equipment Manufacturers (OEMs) and Suppliers
- Microelectronics and Semiconductor Manufacturing Companies (e.g., Infineon, Micron, STMicroelectronics)

The Engineering Systems is a three-year honours degree programme that will equip you with solid theoretical and practical skills in modern engineering systems, giving you a competitive advantage in your career. This unique multidisciplinary degree programme offers specialisations in land transport and microelectronics manufacturing.

You will undergo rigorous training provided by highly qualified professors and industry experts, while immersing yourself in the land transport or microelectronics manufacturing industry through work-study stints with established organisations.

This exclusive industry-oriented degree programme also allows you to earn a minor in Environmental Sustainability and/or professional certifications in Non-Destructive Testing and Lean Six Sigma.

If you perform well in the degree programme, you may pursue the MSc in Mechanical Engineering. This will provide eligibility for future registration as a Chartered Engineer (Singapore, UK, and Washington Accord Signatory countries) and/or Professional Engineer (Singapore).

Curriculum Highlights
- Rolling Stock and Permanent Way Systems
- Railway Signalling and Communications
- Intelligent and Sustainable Operation
- Process Control for Semiconductor Manufacturing
- Fabrication Engineering
- Maintenance Engineering
- Lean Management
- Non-Destructive Testing (NDT)
- Intelligent and Sustainable Operation, Maintenance, Repair, and Overhaul
- Capstone Project
- Eight-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

Mechanical Design and Manufacturing Engineering

Campus Location
SIT@NYP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Engineer in a diverse range of industries such as manufacturing, design, aerospace, marine, and energy sectors
- Project manager or consultant in engineering fields
- R&D in emerging areas such as artificial intelligence, additive manufacturing, alternative energy, robotics, and urban farming

The SIT and Newcastle University joint degree with honours in Mechanical Design and Manufacturing Engineering (MDME) will provide you with a multidisciplinary mix of core and specialised engineering skills sought after by the industry. The programme is accredited by the Institution of Mechanical Engineers (IMechE), UK.

The curriculum covers the foundational discipline of mechanical engineering that is enriched with the integration of innovative design, mechatronics, digitalisation, robotics, and automation technologies for smart manufacturing.

At the end of the programme, you will be well-equipped to perform in-depth analysis and solve engineering problems, as well as develop practical solutions for the manufacturing economy.

Curriculum Highlights
- Advanced Materials and Manufacturing Technologies
- Lean Manufacturing and Six Sigma
- Robotics and Industrial Automation
- Design of Mechanical Systems
- Digital Manufacturing
- Industrial Internet of Things
- Applications of Thermofluids
- Eight-month Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

Scan here to find out more.

Mechanical Engineering

Campus Location
SIT@NP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holder

Career Opportunities
- R&D Engineer
- Development Engineer
- Automation Engineer (CAD/ Automation/AI)
- Project Engineer
- Software Engineer
- Mechatronics Engineer
- Mechanical Design Engineer

The SIT and University of Glasgow joint degree in Mechanical Engineering is a three-year honours degree programme that provides a solid foundation in mechanical engineering and digital skill sets. You will have a choice of specialisation in either Design or Mechatronics.

In order to keep up with the industrial challenges of today, you must be equipped with the knowledge, understanding, and skills for mechanical engineering. You will acquire advanced knowledge in Industrial Internet of Things (IIoT), data analytics, and digital designs through project-based multidisciplinary learning and direct industrial immersion.

The degree aims to train graduates to meet the growing manpower demands in key industry sectors in Singapore, including healthcare engineering, automation/robotics, smart designs using 3D printing, and digital design tools for manufacturing and maritime.

Curriculum Highlights
- Smart Designs
- Industrial Internet of Things (IIoT)
- Healthcare Systems Engineering
- Automation and Robotics
- Co-bot Design and Build
- Data Analytics
- Eight-month Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

Mechatronics Systems

Campus Location
- SIT@Dover
- SIT@SP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Embedded Systems Engineer
- Systems Engineer
- Project Engineer
- Mechatronics Engineer
- Software Engineer

The Mechatronics Systems programme with honours, jointly offered by SIT and DigiPen Institute of Technology Singapore, encompasses two complementary fields of study, i.e. Mechatronics and Systems

Engineering. Mechatronics is a multidisciplinary branch of engineering that focuses on mechanical engineering, electronics, control and automation, and software technology, in order to design, develop, put into operation, and optimise systems.

Systems engineering is an interdisciplinary field of engineering and engineering management that focuses on how to design, integrate, and manage complex systems over their life cycles. You will acquire multidisciplinary engineering knowledge while grounded with systems-level engineering management know-how, giving you a competitive advantage and the flexibility to move across industries upon graduation.

Curriculum Highlights
- Foundation Studies in Computer Science Fundamentals
- Mechatronics and Software Engineering
- Robotics and Machine Learning
- Systems Engineering and Project Management
- Exposure to Real-world Engineering Scenarios through Hands-on Projects
- 12-month Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

Scan here to find out more.

Naval Architecture and Marine Engineering

Campus Location
- SIT@Dover
- SIT@NP Building
- SIT@SP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can look forward to careers with:
- Shipbuilding and Rigbuilding Yards
- Classification Societies
- Republic of Singapore Navy
- Oil and Gas Companies
- Maritime Port Authority
- Shipping and Ship Management Companies
- Engineering Consulting Companies

Engineers and naval architects in the marine and offshore industry need the right set of skills to perform effectively in a fast-changing environment. The ability to address development proactively and utilise a comprehensive knowledge of the industry is needed to retain a competitive edge.

The joint degree programme with honours in Naval Architecture and Marine Engineering, offered by SIT and Newcastle University, will equip you with the expertise and skills necessary for the highly competitive global maritime industry.

Curriculum Highlights
- Naval Architecture
- Marine Engineering
- Marine Structures
- Marine Electrical Engineering
- Dynamic Modelling and Simulation
- Ship Resistance and Propulsion
- Marine Transport Business
- Advanced Ship and Offshore Hydrodynamics
- Offshore Renewables
- Internal Combustion Engines
- Capstone Project
- Eight-month Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

Robotics Systems

SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@Dover

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Robotics Engineer
- Systems Engineer
- Software Engineer
- AI Engineer
- Mechatronics Engineer
- System Integrator

Robotics Systems is a specialised engineering programme that focuses on the design and development of robotic systems as well as the enterprise where these systems operate. The direct honours degree programme aims to fulfil the demand for robotics engineers, as automation moves out from the factory shop floor to service their human counterparts in various field applications.

The integration of multiple engineering disciplines, via systems engineering through its project-based pedagogy, is a unique feature of the programme. A strong emphasis is placed on software and artificial intelligence (AI) as integrative elements to connect multiple mechatronics elements together to form a complete system.

A significant amount of project-based learning that connects academic knowledge and skills with real-world applications has been incorporated into the programme. These projects will allow you to simultaneously experience systems and software engineering, project management, as well as systemic integration of knowledge from multiple disciplines. The 12-month Integrated Work Study Programme and the capstone project will serve as the culmination and integrative experience of the programme.

Curriculum Highlights
- Robotics Development
- Systems Engineering
- Software Engineering
- AI Robotics
- Artificial Intelligence and Machine Learning
- Project Management
- Mechatronics
- 12-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

Sustainable Built Environment

SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
- SIT@Dover
- SIT@SP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holder

Career Opportunities
- Design Engineer (with focus on HVAC and other relevant building mechanical engineering areas)
- BIM Manager
- Facility Manager (Mechanical)
- Sustainable Building Consultant

The Sustainable Built Environment programme is developed in the directive of industry transformation mapping of Building and Construction Authority (BCA), Singapore. The direct honours degree programme provides mechanical engineering training with specialisation electives in Integrated Facility Management and Green Building Design, preparing you to be a building mechanical engineer.

You will also develop lifelong skills to ensure you stay relevant in the Built Environment sector, focusing on decarbonisation, energy efficiency, and sustainable urban system. You will undergo rigorous academic training, by highly qualified professors and professional officers, and an eight-month Integrated Work Study Programme. As a graduate and practising engineer, you will be eligible to sit for the Professional Engineering (Mechanical) qualification.

You may pursue MSc in Mechanical Engineering with specialisation in Sustainable Building Technology if you do well in the programme. Additionally, you can get professionally certified in workplace safety and health as well as fire services safety management. You can independently pursue Green Mark certification using with the knowledge gained from the programme.

Curriculum Highlights
- Building Information Modelling (BIM)
- Sustainable Building Engineering
- Heating, Ventilation and Air-Conditioning (HVAC)
- Fire Engineering and Management
- Building Energy Simulation
- Eight-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

NUR ZAM ZAM SHAH BIN SUPARI

Graduate (2020)
Electrical Power Engineering

Executive Engineer
SP Group

About Myself
I'm an engineer by day and an amateur chef by night. Currently, I am doing my Master of Science in Electrical and Electronic Engineering with SIT.

My Job
As an electrical engineer, I replace and commission new electrical equipment such as switchgears, transformers, and cables in Singapore's power grid to ensure the sustainability and reliability of the supply.

Pursuing Electrical Power Engineering
I've always been fascinated by how things work. Since young, I would play with hand tools like screwdrivers and explore broken-down electronic devices to see their insides. During my poly days, I took a diploma in electrical engineering and realised that I enjoyed solving problems in a hands-on manner.

Favourite Module
I enjoyed 'High Voltage Technology' because it covered the fundamentals of power engineering, which is highly relevant to what I'm doing now at work.

My Aspirations
I see myself completing my Professional Engineer license.

Scan here!

Nur Zam Zam shares '*5 Things You Should Know: IWSP in SIT*'.

FOOD, CHEMICAL AND BIOTECHNOLOGY

AARON SIOW KAIREN

Year 4
Food Technology

Secretary, SIT-Massey Food Technology Student Management Committee (2020)
Head of Logistics, SIT Karate Club (2020)

About Myself
I love new adventures and exploring novel technologies or processes, particularly in food production or processing.

Favourite Module
'Food Formulation Technology'. It was a deep dive into our everyday foods, understanding the reasons behind formulations and how processing aids shape the foods we enjoy.

My IWSP Experience
I was a corporate strategy and business development intern at A*STAR Singapore Institute of Food and Biotechnology Innovation (SIFBI). I worked with SIFBI's scientific units to identify novel projects or engagement opportunities with relevant companies and developed scientific roadmaps that align with the research goals of SIFBI.

Aspirations After graduation
I aspire to create sustainable healthy foods for people to enjoy. I hope to work with experts throughout the food value chain and collectively contribute to society's food security and nutrition needs.

Hidden Talents
As an avid nature and animal lover, I've grown several edible plants and vegetables and bred fish and chickens in my free time.

Scan here!

Aaron shares '*5 Things You Should Know: Food Technology*'.

Chemical Engineering

Campus Location
SIT@Dover

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can look forward to careers in these areas:
- Fine and Specialty Chemicals
- Pharmaceutical
- Petrochemicals
- Sustainable Industries
- Additive Manufacturing
- Data Engineering
- Research

The joint degree programme in Chemical Engineering, offered by SIT and Technical University of Munich, is the first in Singapore to include Industry 4.0 topics, relevant to the current and future needs of the chemical industry.

This four-year direct honours degree programme will address the growing manpower demands of the local and global chemical industry by giving you deep skills in data engineering and additive manufacturing, through intensive laboratory experiments and analysis. You will have a choice of specialisation in the third year in either Data Engineering or Additive Manufacturing.

Curriculum Highlights
- Chemical Engineering with Industry 4.0 Specialisations
- Industrial Automation
- Industrial Software Engineering
- Data Processing and Analytics
- Polymer Engineering
- Polymer Technology
- Introduction to German Chemical Industry
- 3D Printing
- Material & Failure Analysis
- Bachelor Thesis
- 12-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

Food Technology

Campus Location
SIT@Dover

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can look forward to careers in these specialisations:
- Food Manufacturing
- Product Development
- Quality Control and Assurance
- Sensory, Nutrition and Regulatory

The joint degree programme in Food Technology with Honours, offered by SIT and Massey University, offers a curriculum focused on Food Product Technology, while combining food science, food engineering, and food business.

Aimed at educating and equipping students with the fundamentals of food science and applied food technology skills, the programme will expand your knowledge on how to apply scientific and engineering principles. You will also be able to recognise and create what is needed in the marketplace.

You will also gain entrepreneurial skills and be given various opportunities to approach real challenges through projects that focus on industry-relevant problems and solutions. Students can gain work experience in food companies through SIT's unique Integrated Work Study Programme.

Curriculum Highlights
- Food Microbiology and Safety
- Food Characterisation
- Food Packaging Engineering and Legislation
- Industrial Systems Improvement
- Food Technology Project
- Innovative Food Design and Development
- 12-month Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP) at Massey University, New Zealand (Optional)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

Pharmaceutical Engineering

SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@Dover

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
In addition to the pharmaceutical industry, you can look forward to careers in these areas:
- Chemicals
- Biotechnology and Life Sciences
- Nutraceuticals
- Flavours and Fragrances

As the first Pharmaceutical Engineering with Honours degree in Singapore, this programme is built on an interdisciplinary curriculum that integrates engineering, life science, and chemistry, with an industry focus. You will be trained to be theoretically-grounded and practice-oriented, for the knowledge-intensive pharmaceutical industry and related sectors.

Distinguished by a curriculum that is strongly focused on cutting-edge, industry-compliant concepts and know-how, you will gain core competencies in the development and manufacture of two of the largest classes of pharmaceutical drugs – biologics and small molecule drugs. Subsequently, you will be trained in the full spectrum of skills pertinent to drug manufacturing.

Curriculum Highlights
- Current Good Manufacturing Practice
- Operational Excellence
- Plant Design and Operation
- Pharmaceutical Analytical Techniques
- Process Automation, Monitoring and Control
- Process Safety
- Process Validation and Quality by Design
- 12-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

LIM XIAO HUI

Graduate (2020)
Pharmaceutical Engineering

Research Officer
Singapore Institute of Food and Biotechnology Innovation (SIFBI)

President, SIT Muzeka (2018)

About Myself

I am an aspiring scientist with a keen interest in biotechnology who enjoys jamming with my friends in my free time.

My Job

I am a research officer in SIFBI under the Strain Engineering group. We engineer strains to produce valuable bioproducts and upscale them with state-of-the-art fermentation to contribute towards Singapore's '30 by 30' food security goal, which is to produce 30% of our nutritional needs locally by 2030.

Pursuing Pharmaceutical Engineering

I wanted to further my studies in biologics, and I came across the SIT Pharmaceutical Engineering degree programme. I was attracted by the degree's unique curriculum encompassing science and engineering aspects with a strong industry focus.

One Myth About SIT

That SIT is less recognised as it is a young university. That's not true! Most of my cohort secured a job before graduating, and we are all doing well in our careers.

Other Pursuits

I am pursuing a Doctor of Engineering (EngD) at NUS, focusing on research in Synthetic Biology.

Scan here!

Xiao Hui shares '*5 Things You Should Know: Before Graduation*'.

HEALTH AND SOCIAL SCIENCES

FAYEZA D/O MOHAMED RAFI

Year 2
Dietetics and Nutrition

SITizen Ambassador

About Myself
I am an outgoing and cheerful individual who enjoys meeting new people. I am also up for trying new things.

Why SIT
SIT is the only autonomous university in Singapore offering a degree in Dietetics and Nutrition, which will allow me to become a practising dietitian. I also love the SIT community and spirit, especially how welcoming the SITizens are.

One Myth About SIT
That SIT is biased towards selecting students from polytechnics. This is not true! SIT adopts a holistic selection process that assesses each candidate's aptitude and passion for their chosen degree programme.

Favourite Campus Moment
I love using the kitchen during lab sessions to create healthy recipes with my course mates. Once, we had to make a meal and a snack that would be appropriate for pre-schoolers. This was very enjoyable as we had to create colourful, creative, and nutritious meals that would intrigue kids.

Aspirations After Graduation
I look forward to becoming a clinical dietitian and making a difference in the community through good nutrition. I hope to inspire others to practise healthier eating habits without forgoing flavourful meals.

Scan here!

Fayeza shares '*5 Things You Should Know: Acing Admissions Interview*'.

Diagnostic Radiography

SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@Dover

Eligibility*
- Relevant Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can be employed as a diagnostic radiographer in a variety of settings, such as:
- Public and Private Hospitals
- Private Clinics
- Medical Centres

The Diagnostic Radiography programme is a four-year, direct honours degree programme that prepares you for the role of a professional radiographer. It is the only diagnostic radiography programme offered by an autonomous university in Singapore.

The curriculum is developed in close consultation with the radiography industry to ensure relevance and graduates' employability. The programme is accredited by the Allied Health Professions Council (AHPC), thus enabling graduates to practise as professional radiographers in Singapore.

Curriculum Highlights
- Anatomy and Physiology
- Patient Care and Safety
- General Radiographic Practice
- CT and MRI
- Radiobiology and Radiation Protection
- Image Interpretation
- 32-week Clinical Practice Education

Scan here to find out more.

Dietetics and Nutrition

SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@Dover

Eligibility*
- Relevant Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can be employed as a dietitian in a variety of settings, such as:
- Public and Private Hospitals
- Community Hospitals and Polyclinics
- Intermediate and Long-Term Care Organisations, including Nursing Homes and Rehabilitation Centres
- Food Services
- Private Practice

The Dietetics and Nutrition programme is a four-year, direct honours degree programme that addresses the growing demand for dietetic manpower in hospitals and intermediate long- term care (ILTC) settings in Singapore.

As the first dietetics degree programme to be offered by an autonomous university in Singapore, this programme will provide you with evidence-based theoretical knowledge, research skills, and practical experience across all domains of dietetic practice (individual clinical case management, community and public health nutrition, and food service management).

The programme is designed to meet the academic requirements and clinical competencies for graduate entry-level professional dietitians, based on international educational standards for professional dietetic practice. The curriculum is developed in close consultation with the dietetics department from major healthcare clusters in Singapore to equip you with relevant knowledge and specialised skills in all domains of dietetic practice.

Curriculum Highlights
- Nutrition Throughout the Lifespan
- Nutritional Assessment
- Nutrition, Health, and Disease
- Community and Public Health Nutrition
- Medical Nutrition Therapy
- Communication Skills and Nutritional Counselling
- Honours Thesis
- 32-week Clinical Practice Education

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

Nursing

Campus Location
SIT@Dover

Eligibility*
- Relevant Polytechnic Diploma Holders
- Registered Nurse (SNB)

Career Opportunities
You can pursue further career advancements in clinical practice, education, and management, in positions such as:
- Nurse Clinician
- Nurse Educator
- Nurse Manager
- Nurse Researcher

The SIT and University of Glasgow joint degree in Nursing is a two-year post-registration honours programme, jointly developed by both universities and accredited by the Singapore Nursing Board. Co-created and designed in partnership with stakeholders from healthcare institutions, nursing education partners, and the Ministry of Health (MOH), you will build on the foundation you have established through your nursing diploma at Nanyang Polytechnic or Ngee Ann Polytechnic.

In line with MOH's Healthcare Industry Transformation Map, you will be equipped with critical, analytical and innovation skills, as well as leadership, research, teaching, and clinical competencies – much needed qualities for the new roles that you will be performing to meet the healthcare challenges Singapore faces.

Curriculum Highlights
- Health Assessment and Clinical Reasoning
- Design Innovation
- Principles and Practice of Population Health
- Research inquiry for Nursing Practice
- Professional development in Nursing Practice
- Managing Long Term Conditions in Communities
- Evidence-Based Practice
- Electives
- Honours Thesis
- Clinical and Community-Based Service Learning Activities
- Overseas Immersion Programme (OIP)

Scan here to find out more.

Occupational Therapy

Campus Location
SIT@Dover

Eligibility*
- Relevant Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can be employed as an occupational therapist in a variety of settings, such as:
- Public, Private, and Community Hospitals
- Intermediate and Long-Term Care Organisations, including Nursing Homes, and Rehabilitation Centres
- Private Practice Clinics and Consultancy
- Government Agencies
- Special Schools, Early Intervention, and Child Development Centres

The Occupational Therapy programme is a four-year, direct honours degree programme that is designed to provide an excellent educational experience in the theory and practice of occupational therapy. Upon successful completion of academic modules and clinical practice education, you will have the knowledge, skills, and understanding to support contemporary development and delivery of occupational therapy, to meet the evolving needs of Singapore's population.

The programme is accredited by the Allied Health Professions Council (AHPC) and World Federation of Occupational Therapists (WFOT). This will enable graduates to practise as occupational therapists in Singapore and internationally, subject to local laws.

Curriculum Highlights
- Occupational Therapy Reasoning and Interventions
- Occupational Therapy Practice Skills
- Occupational Therapy and Chronic Disease Management with Older Adults
- Play, School and Transition
- Application of Psychopathology in Occupational Therapy
- Occupational Therapy Entrustable Professional Activities
- 30-week Clinical Practice Education

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

Physiotherapy

SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@Dover

Eligibility*
- Relevant Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can be employed as a physiotherapist in a variety of settings, such as:
- Public and Private Hospitals
- Intermediate and Long-Term Care Organisations
- Polyclinics
- Private Practices
- Government Agencies
- Sports and Military Institutes
- Special Schools
- Non-Governmental Organisations

The Physiotherapy programme is a four-year, direct honours degree programme. The programme aims to train you to become a professional physiotherapist who is theoretically-grounded and clinically-oriented to practise autonomously in different specialities of physiotherapy.

You will have the opportunity to gain clinical experience through clinical attachments with various major hospitals and healthcare facilities in Singapore. Mid-career individuals with prior degree qualification in a science-related field may apply for the Physiotherapy programme under the Career Conversion Programme (CCP). The programme is accredited by the Allied Health Professions Council (AHPC), thus enabling graduates to obtain direct registration to practise as physiotherapists in Singapore.

Curriculum Highlights
- Neurological Physiotherapy
- Musculoskeletal Physiotherapy
- Cardiopulmonary Physiotherapy
- Exercise Physiology and Exercise Prescription
- Chronic Disease Rehabilitation
- Physiotherapy Across Lifespan
- Health Promotion and Population Health
- Simulated Practice Education
- Honours Thesis Project
- Opportunity to gain overseas exposure
- 25-week Clinical Practice Education

Scan here to find out more.

Radiation Therapy

SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@Dover

Eligibility*
- Relevant Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can be employed as a radiation therapist in both the public and private hospitals or join multinational companies as product and/or application specialists. There are also opportunities to embark on research and education tracks.
- Public and Private Hospitals
- Community Hospitals
- Intermediate and Long-Term Care Organisations, including Nursing Homes and Rehabilitation Centres
- Private Practice
- Polyclinics

The Radiation Therapy programme is a four-year, direct honours degree programme that prepares you for the role of a professional radiation therapist. As the only radiation therapy degree programme offered in Singapore, the curriculum is developed in close consultation with the radiation therapy industry to ensure relevance and graduates' employability.

The programme is accredited by the Allied Health Professions Council (AHPC), thus enabling graduates to obtain direct registration to practise as radiation therapists in Singapore.

Curriculum Highlights
- Patient Care and Safety
- Cancer Pathology
- Radiation Oncology
- Principles of Radiation Therapy
- Advances in Radiation Therapy
- 32-week Clinical Practice Education

Students admitted to the Radiation Therapy programme may be required to have secured a sponsorship from their employer at the point of enrolment.

Note: Please refer to **SingaporeTech.edu.sg** for details on the next admissions exercise.

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

Speech and Language Therapy

SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@Dover

Eligibility*
- Relevant Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can be employed as a speech and language therapist in a variety of settings, such as:
- Child Development Centres
- Special Schools
- Social Service Agencies
- Acute Hospitals
- Community Hospitals
- Intermediate and Long-Term Care Organisations, including Nursing Homes and Rehabilitation Centres
- Private Practice

The first Speech and Language Therapy undergraduate degree programme in Singapore has been carefully developed with input from senior speech and language therapy practitioners across the local public healthcare, community care, social services, and private sectors.

The four-year, direct honours degree programme serves to meet the national needs by training a new generation of highly-competent and market-ready speech and language therapists, who will help individuals with communication, feeding, and swallowing difficulties across lifespans. The programme will seek accreditation from the Allied Health Professions Council (AHPC), thus enabling graduates to practise as professional speech and language therapists in Singapore.

Curriculum Highlights
- Communication Development
- Communication Disorders in Children
- Dysphagia Management in Adults
- Fluency and Related Disorders
- Voice Sciences and Disorders
- Paediatric Feeding and Swallowing Disorders
- 30-week Clinical Practice Education

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

FAYE CHAN

Graduate (2020)
Physiotherapy

Physiotherapist
The Salvation Army Peacehaven Nursing Home

About Myself
I like looking for creative ways to explore new ideas and am always up for a challenge.

My Job
I work mainly with a range of older adults, from those in the chronic sick service to post-stroke and post-orthopaedic operations to people living with dementia. I also do hydrotherapy and conduct fall prevention group exercises.

Pursuing Physiotherapy
When I started learning dance at the age of three, I appreciated movements and their importance. As a dancer, I had numerous injuries, which is how I learned about physiotherapy. I was intrigued by the science, which opened my eyes to how meaningful this profession is.

My CCA
I founded a new CCA called SIT Poco, a Poco Contemporary Dance Club. It was a daunting but rewarding experience. Additionally, I was part of the Singapore Physiotherapy Association Student Council, which enabled me to serve and learn. Juggling CCAs and studies taught me time management.

In 10 Years' Time
I hope to be able to bridge the gap between rehabilitation and the arts, so I can strive to use creative ways to conduct engaging therapy sessions.

Scan here!

Faye shares '*5 Things You Should Know: Physiotherapy*'.

INFOCOMM TECHNOLOGY

TAN FU WEI

Year 4
Information and Communications Technology (Information Security)

Vice President of N0H4TS Chapter (2022)

About Myself
I get a thrill from exploring niche and up-and-coming cybersecurity domains.

On Choosing SIT
While researching on universities, I found that SIT's applied learning pedagogy suits me best for the degree I wanted to pursue. Throughout my education, I found hands-on assignments more effective for my learning than content-heavy lectures.

Favourite Module
My top pick is 'Web Security'. The module consists of many Capture The Flag (CTF) rounds, which is crafted based on real world incidents/vulnerabilities. I enjoy the essence of CTF's puzzle-solving!

My CCA
Together with my peers at N0H4TS, we organise events catered to the cybersecurity community. Recently, we organised an event, STANDCON where we invited cybersecurity experts from around the world to share about the niche and upcoming domains of the cybersecurity realm.

Aspirations After Graduation
I want to continue promoting the importance of cyber security to the public through my career and volunteering efforts.

My Takeaways From SIT
The key to improving yourself is to work hard and adapt to change.

Scan here!

Fu Wei shares '*5 Things You Should Know: Information Security*'.

Applied Artificial Intelligence

SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@NYP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- AI Engineer
- Machine Learning Engineer
- Data Engineer (Machine Learning Specialist)
- AI Application Engineer

The Bachelor of Science in Applied Artificial Intelligence is a three-year direct honours programme designed to nurture competent ICT professionals in developing, applying, and deploying Artificial Intelligence (AI) solutions.
AI has been identified as a key component in Singapore's Smart Nation Journey to transform the economy. With Singapore's plans to be a global leader in advancing AI solutions by 2030, the demand for machine learning engineers will surge. This programme specialises in implementing AI within software systems and provides in-depth coverage of three focus areas:

- **Core-Software Engineering** includes foundational software development, essential for mastery of machine learning skills. This includes topics such as cloud computing, big data, and DevOps.
- **Core-Machine Learning** equips you with skills in developing, applying, and deploying AI models.
- **Professional Skills** consists of soft skills to express your ideas clearly and confidently to different professional stakeholders.

Curriculum Highlights
- Machine Learning
- AI Cross-Domain (Industry) Projects
- Computer Vision and Deep Learning
- Natural Language Processing (NLP)
- Capstone Project
- Eight-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

Applied Computing (Fintech)

SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@NYP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Data Analyst
- Data Engineer
- Software Engineer
- DevOps Engineer

The Bachelor of Science with Honours in Applied Computing with a specialisation in Fintech is a three-year direct honours programme offered by SIT in partnership with Infocomm Media Development Authority (IMDA) and Monetary Authority of Singapore (MAS). It aims to grow Infocomm Technology (ICT) talents adept in financial technology (fintech) for the finance sector.

This programme will equip you with essential computing and finance knowledge, and enable you to develop practical skill sets required by the fintech sector. You will also receive training in software engineering, applied computing, and machine learning with domain knowledge for the financial industry, such as banking compliance, financial products, and investment management.

Based on the Work-Study Degree Term-In-Term-Out (TITO) model, this programme harnesses SIT's applied learning pedagogy by incorporating industry work attachments in each year of study. You will go through a total of 16 months of industry attachments over a three-year period. Hence, the TITO model allows you to gain substantial, hands-on experience working in the Fintech industry.

Curriculum Highlights
- Applied Computing combines the requisite software engineering, machine learning, and information security skills for the financial sector
- Curriculum closely aligned with Infocomm Media Development Authority (IMDA) and industry recommendations
- Term-In-Term-Out (TITO) model, allowing learning, working, and earning
- Capstone Project
- 16 months of paid work experience in the industry
- Eight-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

Computer Engineering

Campus Location
SIT@Dover

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Engineer (Design/Application/Network/ Telematics/Technology Integration)
- Software Engineer
- Engineer (Intelligent Transportation Systems)
- Project Manager/Officer/Engineer
- Technology Consultant

A first-of-its-kind direct honours degree offered in Singapore, the Computer Engineering programme was developed in partnership with various organisations in the land transport industry, including LTA, Singapore Technologies, National Computer Systems, and other companies in the automotive industry, such as Continental Automotive Singapore Pte Ltd.

You will be equipped with electrical engineering and computer science core skills, as well as intelligent transportation systems (ITS) knowledge, through rigorous academic training by highly qualified professors, while completing work-study stints with established organisations. In line with Singapore's efforts to become a Smart Nation, you will receive training to become deep specialists in the relevant industries that will support this vision.

Curriculum Highlights
- Sensors and Control
- Embedded System Design
- Wireless Communication
- Transport Management
- Design Project
- Eight-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

Computer Science in Interactive Media and Game Development

Campus Location
SIT@SP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Software Engineer
- Software Developer
- VR/AR Software Developer
- Tools Programmer
- Level Designer
- Gameplay Programmer
- Gameplay Designer

The Computer Science in Interactive Media and Game Development programme equips you with a strong foundation in mathematics, programming, and design theory. Building on this strong foundation, you will be well-versed in high-level and low-level programming, advanced C/C++, game logic interaction design, artificial intelligence, databases, design tools, and game design theory for digital and non-digital games, level design, system design, and UI/UX design.

This direct honours degree programme will address the growing need in the local industry for software engineers with deep design skills and understanding of user experience in this digital age.

Curriculum Highlights
- Software Engineering Projects
- Game Implementation Techniques
- Introduction to Game Design
- UI/UX Design
- Artificial Intelligence for Games
- 12-month Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

Computer Science in Real-Time Interactive Simulation

SINGAPORE INSTITUTE OF TECHNOLOGY | DigiPen INSTITUTE OF TECHNOLOGY SINGAPORE

Campus Location
SIT@SP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Computer Scientist
- Software Engineer
- Artificial Intelligence Developer
- VR/AR Software Developer
- Machine Learning Engineer
- Game Engine Developer
- Gameplay Programmer

The Computer Science in Real-Time Interactive Simulation degree programme with honours provides rigorous training in foundational STEM modules that underpin computer science and simulations, while focusing on high-level and low-level programming, advanced C/C++, data structures, algorithms analysis, and three progressive modules in computer graphics.

You will embark on substantial studio-based software engineering projects that span each trimester. This will allow you to continually apply module-based knowledge in large-scale projects while honing essential soft skills within multidisciplinary teams. You will be industry-ready and possess deep technical expertise in developing real-time interactive systems.

Curriculum Highlights
- Software Engineering Projects
- Game Implementation Techniques
- Advanced Computer Graphics
- Machine Learning
- Artificial Intelligence for Games
- 12-month Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

Scan here to find out more.

Computing Science

SINGAPORE INSTITUTE OF TECHNOLOGY | University of Glasgow

Campus Location
SIT@NYP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Software Engineer/Programmer/ Developer/Consultant
- IT Project Manager/Engineer/System Engineer/Administrator/Analyst
- Cloud Engineer/Consultant
- AI Data Engineer/Scientist
- Cybersecurity Analyst/Engineer
- Mobile Application Developer
- IoT Engineer/IoT Solution Architect

The Computing Science programme is jointly offered by SIT and the University of Glasgow. This three-year direct honours degree programme encompasses a broad-based computer science curriculum that combines essential knowledge from the internet of things (IoT), software engineering, data analytics, and machine learning.

The degree programme aims to meet the growing demand for computing graduates and software developers, and to support the manpower needs of the government's Smart Nation initiative. You will be equipped with a strong computing science foundation and learn to apply your software and hardware training to develop innovative IoT solutions in different IT related roles when you graduate.

Curriculum Highlights
- Professional Software Development
- Human Computer Interaction
- Cloud and Distributed Computing
- Embedded Systems and Sensor Programming
- Data Analytics
- Cybersecurity Fundamentals
- Internet of Things: Protocols and Networks
- Machine Learning
- Mobile Application Development
- Capstone Project
- Eight-month Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

Digital Art and Animation

DigiPen INSTITUTE OF TECHNOLOGY SINGAPORE

Campus Location
SIT@SP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Character Animator
- Concept Artist
- 2D/3D Artist
- Illustrator
- Storyboard Artist

The Digital Art and Animation programme offers a comprehensive education in the techniques, processes, and tools that professional artists use to create art assets for games, animated films, and other digital media. Rather than simply teaching you how to use current software, this programme focuses on developing foundational skills that remain valuable and useful, regardless of the technology or medium.

You will gain a solid grounding in the traditional arts, progress to computer animation techniques and technologies, and finally utilise your knowledge and skills in a series of projects that will allow you to experience all stages of the art production pipeline. You will develop the ability to produce powerful and affecting imagery in a professional studio environment.

Curriculum Highlights
- The Language of Drawing
- Storytelling
- Cinematography for Visual Effects
- 2D Animation Production
- 3D Environment and Level Design
- Conceptual Illustration and Visual Development
- Overseas Immersion Programme (OIP)

Scan here to find out more.

Digital Supply Chain

SIT SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@NYP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
You can look forward to careers in these areas:
- Supply Chain Solutions Engineer
- Supply Chain Analyst
- Data Scientist
- Software Engineer
- Business Process Analyst

The Digital Supply Chain (DSC) is a three-year direct honours, interdisciplinary supply chain degree programme that cuts across ICT, Engineering, and Supply Chain Management domains. Digital transformation, driven by Industry 4.0 and national digitalisation initiatives, has raised the demand for DSC graduates.

Supply chain and logistics companies are increasingly adopting new technologies and developing new capabilities in artificial intelligence (AI), internet of things (IoT), and robotics as part of the transformation efforts. You will possess a competitive edge, given that supply chain and logistics business models and operations are quickly evolving with emerging digital technologies. You will acquire interdisciplinary knowledge in these areas:
- **Supply Chain Management**: Knowledge and skill sets in designing digital supply chain solutions.
- **ICT**: The bedrock of foundational computer science and software engineering is essential for mastery of digital skills.
- **System and Engineering**: Knowledge and skill sets in conducting systems modelling, simulation, and managing digital supply chain integration projects.

Upon graduation, you could take on technical roles in digital transformation, Industry 4.0, systems and solutions development, and systems and project management in the public or private sectors, or embark on further postgraduate study and join research institutions or academia.

Curriculum Highlights
- Supply Chain 4.0
- Supply Chain Solutions Design
- E-commerce Logistics
- Cyber-physical Digital Twins in Supply Chain
- Industrial Internet of Things and Data Analytics
- Introduction to Software Engineering
- Machine Learning
- Capstone Project
- Eight-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

Information and Communications Technology (Information Security)

SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@NYP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Information Security Analyst/Professional
- Cybersecurity Specialist
- Pen-tester
- Information Security Consultant

This is the first direct honours Information Security degree programme offered amongst local autonomous universities that will provide you with industry-relevant knowledge and practical technical skills. The curriculum is based on three key attributes – highly-specialised, practice-oriented, and industry-focused.

Building on the fundamentals of computer science, in-depth knowledge and technical skills, the curriculum adopts a holistic approach towards information security, covering the offence, defence, prevention and protection, and the management and governance of Infocomm systems. You will have opportunities to work on real industry problems and embark on a 12-month Integrated Work Study Programme in your final year.

Curriculum Highlights
- Ethical Hacking
- Digital Forensics
- Applied Cryptography
- Mobile, Network and Web Security
- Governance, Risk Management and Compliance
- Malware Analysis and Defence
- Security Analytics
- Integrative Team Project with Industry
- 12-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

Information and Communications Technology (Software Engineering)

SINGAPORE INSTITUTE OF TECHNOLOGY

Campus Location
SIT@NYP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Software Engineer
- Software Systems Architect
- Information Technology Project Manager
- Mobile, Web, and Cloud Developer

With the prevalence of Infocomm Technology across all industry sectors, optimum software engineering is critical to enabling and supporting the daily operations of organisations. Adopting a highly-specialised, practice-oriented, and industry-focused approach, this direct honours degree programme will teach you to design, develop, operate, analyse, maintain, and manage software in a holistic and systematic manner.

The syllabus aims to cover all learning outcomes specified by the IEEE/ACM Joint Task Force on Computing Curriculum for Software Engineering. Through close industry links, you also have the opportunity to develop and architect enterprise-grade software across a range of devices and systems, from embedded systems and mobile devices to cloud-based solutions. You will also work on real industry problems and embark on a 12-month Integrated Work Study Programme in your final year.

Curriculum Highlights
- Secure Software Development
- Human Computer Interaction
- Mobile Application Development
- Software Design and Integration
- Software Verification, Validation, Testing and Optimisation
- Integrative Team Project with Industry
- 12-month Integrated Work Study Programme (IWSP)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

User Experience and Game Design

DigiPen INSTITUTE OF TECHNOLOGY SINGAPORE

Campus Location
SIT@SP Building

Eligibility*
- Polytechnic Diploma Holders
- GCE 'A' Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- VR/AR Developer
- Product Manager
- Technical Designer
- Software Developer
- Application Developer
- Game Designer
- User Experience/User Interface Designer

The User Experience and Game Design programme combines theory and practice of game design and user experience with coursework in the humanities, social sciences, art, and the fundamentals of mathematics and computer science.

This programme is for those who are deeply curious about understanding the behaviour and psychology behind the design application in games, software development, user experience, virtual reality, and augmented reality. It will suit you if you are eager to learn the skills and methods for designing fun and engaging interactive systems and experiences. You will become a skilled designer with deep knowledge on how writing, the arts, and the social sciences all come into play when creating games, interfaces, and other interactive experiences.

Curriculum Highlights
- User Experience Design
- Introduction to Applied Math and Physics
- Training and Simulation Design
- Introduction to 3D Production for Designers
- 2D Game Design
- 3D Game Design
- Cognitive Psychology Game Mechanics
- Overseas Immersion Programme (OIP)

Scan here to find out more.

*Visit **SingaporeTech.edu.sg** for the list of relevant qualifications.

HANNA AMANI BINTE MAHMUD

Graduate (2021)
Computer Science and Game Design*

Software Engineer
Continental AG

*This programme has been renamed User Experience and Game Design.

About Myself
A software engineer, who has loved playing video games since young!

My Job
As a software engineer, I develop widgets and animation for the instrument cluster for clients in the automotive industry. Widgets and animations form part of the vehicle dashboard and display indicators that enable a driver to operate a vehicle.

Pursuing User Experience and Game Design
I am intrigued by software applications and the development of video games – from the technical aspect and technologies used to the design features in terms of storytelling, level design, and user experience.

Advice to Prospective Students
Discipline and perseverance are crucial to pushing through during challenging projects. Having genuine curiosity in programming and game development motivates you to know more!

My Takeaways
Teamwork and communication are essential in any development project. With so many moving pieces and roles to play, it's crucial that everyone is on the same page and able to effectively work with each other – especially when everyone has different roles and backgrounds.

Scan here!

Hanna shares '*5 Things You Should Know: Surviving Life at SIT*'.

YOUR FUTURE CAMPUS

THE HEART OF PUNGGOL DIGITAL DISTRICT

Specially designed to integrate with industry and community in the north-east region of Singapore, our new campus will strengthen our ability to deliver an industry-focused, applied learning education for you.

- Campus-in-a-Park
- Smart and Sustainable University
- Companies can tap SIT's applied learning and research capabilities
- Closer Industry Partnership with Collaboration Loop linking SIT and JTC buildings
- Opportunities to work on real- world industry problems

Scan here to find out more about your future campus.

ONCE A SITIZEN ALWAYS A SITIZEN

As you embark on your life-long journey with SIT, a multitude of exciting opportunities await you — from Day Zero to your graduation and beyond!

AS A STUDENT: THE START OF YOUR SITIZENSHIP

LEARN FROM THE SIT ALUMNI MENTORING PROGRAMME

Do you feel lost or overwhelmed? Learn how to navigate university life and your future career by joining the SIT Alumni Mentoring Programme as a Student Mentee!

This six-month-long programme connects you with Alumni Mentors who will share their work and study experiences from SIT and life after graduation. Get advice on balancing work and studies as well as professional insights and industry knowledge! Upon graduation, SITizens can also give back by being Mentors to their juniors.

Scan the QR code for more information.

BUILD SKILLS, EXPERIENCE, AND FRIENDSHIPS AS A STUDENT HELPER

Want to earn an income when you are not studying? Come join us as a paid student helper under the SIT Student Work Scheme and gain access to a wide range of opportunities and experiences!

Scan the QR code for more information.

GET SUPPORT FOR STUDENT-ALUMNI ACTIVITIES

As future SIT alumni, students can receive funding from the Advancement & Alumni Division to support student-led projects and events – especially those involving alumni participation – organised by Student Clubs and Student Management Committees (SMCs).

Want to find out more? Contact us at Alumni@SingaporeTech.edu.sg or call 6592 2129 | 6592 3314.

AFTER GRADUATION: SITIZENSHIP FOR LIFE

EXCLUSIVE ACTIVITIES AND EVENTS FOR SIT ALUMNI

SIT alumni enjoy a variety of activities and enriching experiences through exclusive events organised under the three Alumni Networks – Career, Leisure, and Sports. Through these events, they can learn a new skill, pick up a new hobby or try out a new sport with fellow SITizens – and make friends outside their cohort.

PURSUE YOUR PASSIONS WITH ALUMNI GROUPS

After graduation, you may wish to join an Alumni Group or form your own interest groups. Alumni Groups are also eligible for funding support for group events and other activities.

As alumni, you can connect with SIT or with one another through the SIT Alumni Portal, Mobile App or Instagram (@sitalumni), while staying updated with your alma mater through SITizen Buzz (quarterly e-newsletter), and SITizen Bi-Annual (print publication).


ARE
YOU
READY?

CONTACT US/ LOCATE US

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