SINGAPORE INSTITUTE OF TECHNOLOGY

AY 2018 2019

degree programme handbook

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PRESIDENT'S MESSAGE

Welcome to SIT!

Since our inception in 2009, SIT has been growing and evolving as Singapore's university of applied learning. With over 40 programmes spanning five clusters — Engineering, Chemical Engineering and Food Technology, Infocomm Technology, Health and Social Sciences as well as Design and Specialised Businesses, we offer niche, specialised degrees targeted at growth sectors of the economy.

SIT's curriculum is carefully designed, with input from industry experts, to equip you with the specialised skills needed to excel in your areas of interest.

In your course of study here, you will experience a learning journey that is very different from the other autonomous universities. SIT offers more than just learning in conventional classroom settings. You will gain industry exposure from day one, through site visits and working in our industry labs, where you will learn in a real work environment. Our Integrated Work Study Programme (IWSP) will also see you spend six to 12 months with an employer, as an entry-level employee tackling problems at work that industry practitioners face on a day-to-day basis.

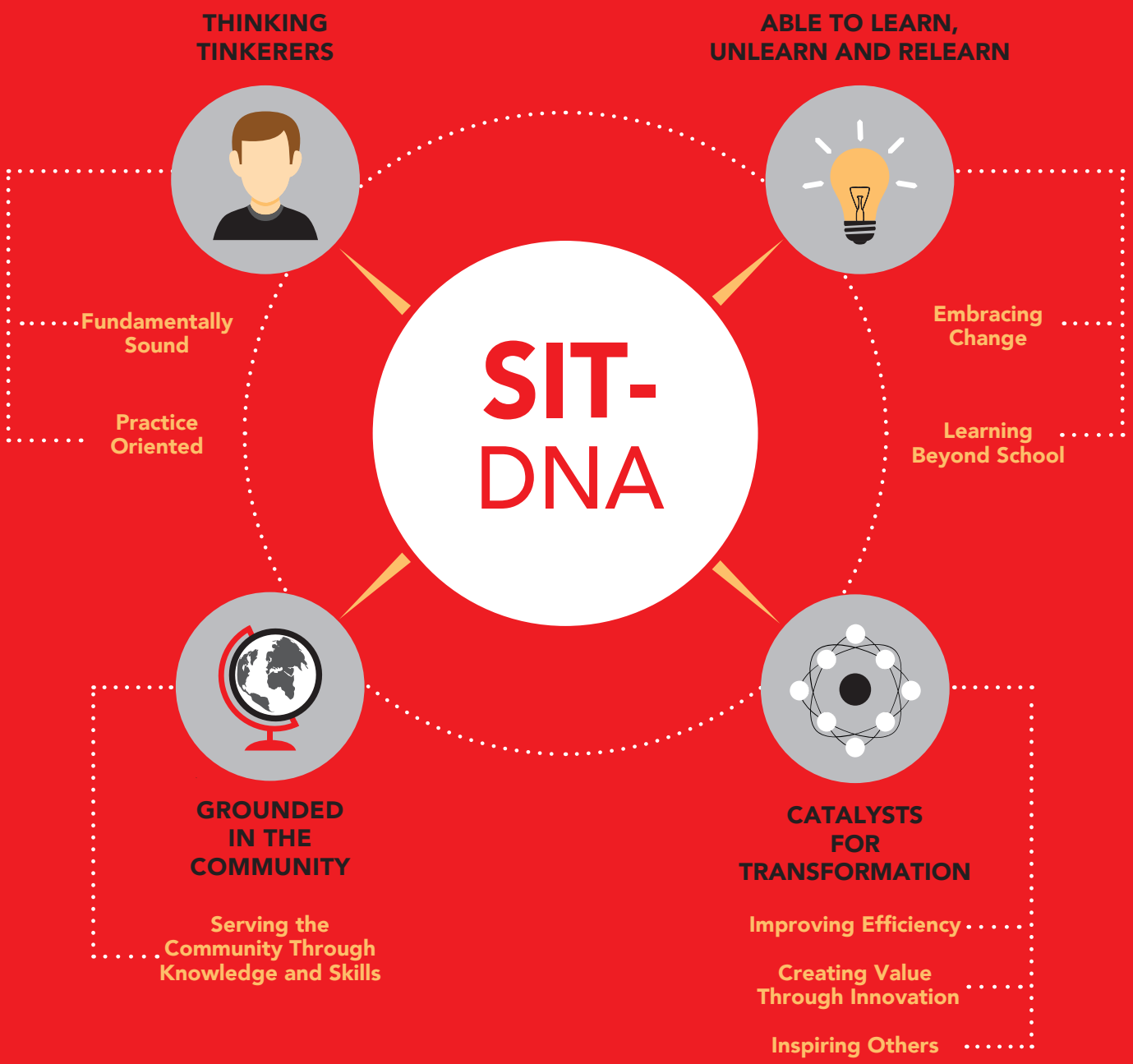
At SIT, our applied learning pedagogy takes you closer to industry and community challenges which become learning opportunities. In addition, you will also gain overseas exposure through various study trips as part of your curriculum.

As you read through this handbook, you will find many programmes designed to meet your educational needs. Take your time to go through the information to make your decision. And, if you have any questions, please feel free to contact us or visit **SingaporeTech.edu.sg**.

Thank you for considering SIT in your learning journey. We hope to have you join us and become a SITizen in the near future.

Professor Tan Thiam Soon
President

ABOUT SIT



Singapore Institute of Technology (SIT) is Singapore's university of applied learning. SIT upholds the vision of being a leader in innovative learning by integrating learning, industry and community.

Our mission is to nurture and develop individuals who build on their interests and talents to impact society in meaningful ways. The university also aims to cultivate in its students four distinctive traits, or the SIT-DNA, which will prepare them to be 'Thinking Tinkerers', 'Able to Learn, Unlearn and Relearn', 'Catalysts for Transformation' and 'Grounded in the Community'.

The university's applied degree programmes offer you a chance to experience a unique pedagogy that integrates work and study. SIT's degree programmes feature a six- to 12-month Integrated Work Study Programme (IWSP) which exemplifies the best of university-industry collaboration.

WHY SIT?

AS SINGAPORE'S UNIVERSITY OF APPLIED LEARNING, OUR EMPHASIS IS TO EQUIP YOU WITH INDUSTRY-RELEVANT SKILLS AND KNOWLEDGE THAT WILL HELP TRANSFORM YOUR DREAMS INTO REALITY. OUR PROGRAMMES ARE CAREFULLY DESIGNED IN CONSULTATION WITH INDUSTRY SO THAT YOU WILL HIT THE GROUND RUNNING AFTER GRADUATION.

FIVE REASONS TO JOIN US

APPLIED LEARNING PEDAGOGY
Learn to combine theory and practice with ease. You will become a professional with deep, specialised skills to help industry solve problems and find industry-related applications in your career.

READY FOR INDUSTRY
Be work-ready in today's competitive market. SIT's uniquely-structured Integrated Work Study Programme (IWSP), weaved into the SIT-conferred and joint degrees, gives you valuable industry experience for at least six to 12 months to develop deep, specialised skills.

A BRIGHTER FUTURE
Learn from experts who are leaders in their respective fields, ready to groom you through a curriculum tailored to your interests and learning style.

EXPLORE THE WORLD
SIT's strong ties with reputable overseas university partners provide you with a world-class education. Expand your global outlook when you study at the home campus of your overseas university during your Overseas Immersion Programme (OIP).

GROUNDED IN THE COMMUNITY
Harness your talents and passion to give back to the community. At SIT, we offer you opportunities to work collaboratively and impact society in a positive way.

SIT AT A GLANCE

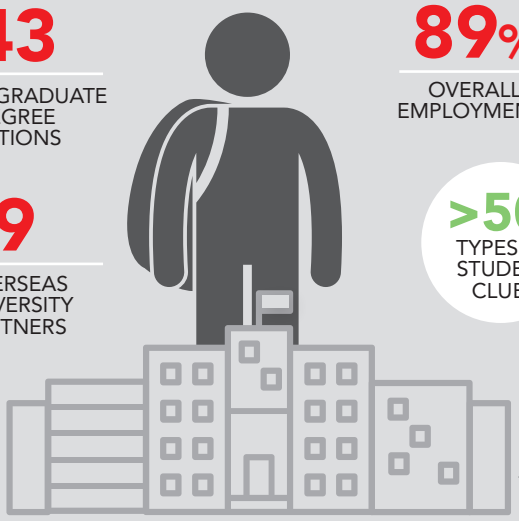
- APPLIED LEARNING PEDAGOGY
- HOLISTIC ADMISSION
- GLOBAL EXPOSURE
- PRESTIGIOUS SCHOLARSHIPS AND COMPREHENSIVE FINANCIAL AID AVAILABLE
- EXTENSIVE CAREER GUIDANCE VIA CAREER SERVICES
- STRONG INDUSTRY PARTNERSHIP
- IWSP OPPORTUNITIES*

5 CLUSTERS

43 UNDERGRADUATE DEGREE OPTIONS

6 CAMPUSES

9 OVERSEAS UNIVERSITY PARTNERS



89% OVERALL EMPLOYMENT^

85% WORK IN RELATED JOBS^

90% STUDENTS READ THEIR FIRST CHOICE DEGREE

>50 TYPES OF STUDENT CLUBS

>150 STUDENT ACTIVITIES PER YEAR

VIBRANT STUDENT LIFE

$3,200 MEDIAN SALARY OF OUR GRADUATES^

^Source: 2016 Graduate Employment Survey (GES)
* For students in SIT-conferred and joint degree programmes

WHY SIT?

At SIT, we celebrate the DO culture. We equip you from day one, with the essential skills in the classroom to be connected to the industry so that you have a competitive advantage over the rest. Hear from our alumni who embody the SIT-DNA, which has prepared them to be 'Thinking Tinkerers', who are 'Able to Learn, Unlearn and Relearn', while being 'Catalysts for Transformation' and staying 'Grounded in the Community'.

"The practical approach to learning in SIT was what made learning both relevant and exciting to me. What attracted me most was the eight-month long Integrated Work Study Programme (IWSP) as it exposed me to a real work environment and challenged me to learn the ropes very quickly. I took on real engagements and assignments where I interacted with clients and worked on real jobs unlike case studies you do in class. As a strong believer of applied learning, I regard industry knowledge to be more valuable than theoretical knowledge received from the classroom. My IWSP experience had made my transition to the workplace a lot easier as I was able to quickly adapt and approach the tasks I was assigned to when I joined the firm as an associate after graduation."

Sean Ooi Cheng'En
Audit Associate
PwC Singapore
Graduate (2017)
Accountancy, B (Hons)
Singapore Institute of Technology

"SIT is the only autonomous university in Singapore offering a degree in Occupational Therapy. I like how SIT prides itself on applied learning and integrates academia, industry and community. Our lessons were designed around problem-based learning (PBL), so it was always interactive and dynamic. I believe this is very reflective of the real world, where often there is an influx of vast knowledge and we constantly learn from the people we work with. The world will always be a changing landscape, and healthcare demands continuously change. That is why nothing we learn in classrooms can be 'enough'. The best thing that I have gained from my time in SIT is the attitude towards learning. The undergraduate experience has instilled in me, the values and skills required to be critical thinkers and agents of change. It has served me well, and will continue to do so down the road."

Nani Adilla Zailani
Senior Occupational Therapist
Tan Tock Seng Hospital
Graduate (2013)
Occupational Therapy, BSc (Hons)
Trinity College Dublin

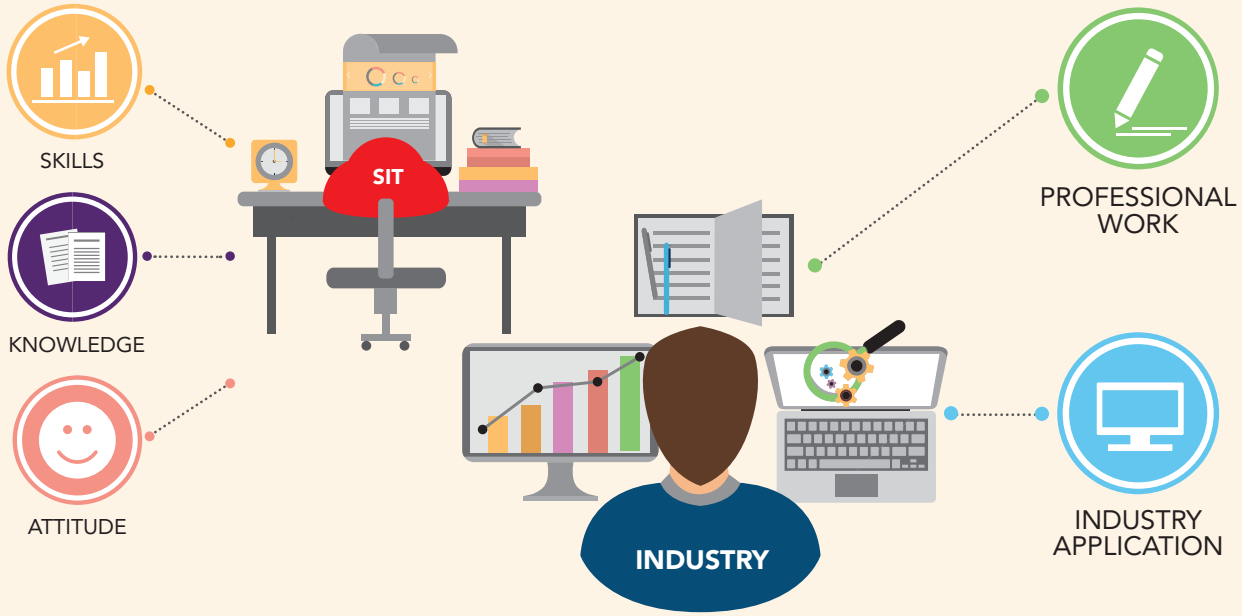
WHY SIT?

"I enrolled into SIT because of its partnership with reputable and world renowned overseas universities. The unique pedagogy incorporating work and study has provided students like me with relevant experience and eased my transition from school to work. Upon graduation, I also served as an industrial supervisor, creating a strategic partnership with my current company. I feel that my SIT experience has been beneficial to my professional growth. Furthermore, SIT graduates have one of the highest employment rates among Singapore universities, thus proving that the system is effective."

Koh Zhi Yong
Senior Analyst, Analytics and Insights (APAC)
Publicis Media
Graduate (2015)
Computing Science, BSc (Hons)
University of Glasgow

APPLIED LEARNING IN SIT

Today's world is a complex, fast-paced and competitive global environment and you need to be well prepared to be part of it. At SIT, we empower our students through our unique applied learning pedagogy and our close links with industry, which prepares you to remain relevant for life. Our applied learning framework will enable you to develop in-depth knowledge, industrial readiness and transferable skills. SIT integrates learning, industry and community, and as an SIT student, you will not only 'know what' but also 'know how' when you graduate from the programme.



1 **FACULTY FACILITATED**
Curriculum and programmes are designed and developed by faculty members who are experts in their respective fields.

2 **INDUSTRY AND COMMUNITY FOCUSSED**
We continually review and align our curricula with evolving industry needs through our Industry Advisory Committee (IAC) and inputs from professional bodies to ensure you stay relevant. Our curricula include seminars by experts, Integrated Work Study Programme (IWSP) opportunities, industry capstone projects and applied research.

3 **PROFESSIONAL OFFICER MENTORS**
Our Professional Officers, who possess rich industry experience, will be your coaches and mentors, guiding your project work and career development.

4 **PEER ENGAGEMENT**
Your peers also play a vital role in your applied learning journey. They will support you in your learning challenges, enhance your learning through peer teaching as well as provide constructive and critical feedback.

FOUNDATIONS OF APPLIED LEARNING IN SIT
You will have the opportunity to be engaged in an applied learning experience through various forms:

- Capstone Projects
- Case-based Learning
- Integrated Work Study Programme (IWSP)
- Integrative Team Project (ITP)
- Practical Sessions
- Simulations

A LEARNING ENVIRONMENT FOR STUDENT ENGAGEMENT
We aim to build a learning culture which develops a mindset that actively seeks further learning. At SIT, our learning environment is conducive for you to learn collaboratively through the use of:

- Computer-on-Wheels (CoWs) in our Applied and Collaborative Learning Spaces.
- Teaching laboratories and MakerSpace for hands-on project-based learning and developing you as a 'Thinking Tinkerer'.
- Blended learning approaches which combine online experiences with meaningful classroom interaction.

APPLIED LEARNING IN SIT

"I mentor Engineering students in their projects and especially when they are out for their IWSP. Having been in the aviation sector for over 10 years, my expertise lies in the area of Non-Destructive Testing (NDT) where I hope to provide relevant industry knowledge to our students. At SIT, the NDT training curriculum is incorporated in the Sustainable Infrastructure Engineering (SIE) programme where students will have the opportunity to embark on the NDT certification route, which is highly demanded in the industry. With the use of flipped classrooms, gamification, sharing sessions by experienced industry personnel, and video demonstrations of test techniques, students will be immersed in real-life work situations through our applied learning methodologies."

Rajkumar S/O Abdul Rasheed Khan
Professional Officer (Engineering)

"The curriculum at SIT exposes students to state-of-art technologies currently employed in the industry. Students are also equipped with essential soft skills, knowledge and lingos that are needed in the industry. The Chemical Engineering and Food Technology cluster places an emphasis on collaborative learning whereby students 'teach' and leverage on one another's expertise to achieve the goal of the project. This is very important as it simulates the real-life situations that we would face in the pharmaceutical industry. The programme is structured in a way that allows 'career-mobility' in the chemical industry too, which sounds like a pretty good deal for me!"

Huang Haiqing
Year Three
Pharmaceutical Engineering, BEng (Hons)

"The opportunity to apply what I have learnt, either in a school project based on real world problems or situations, allows me to deepen my understanding on the concepts and theories of the subjects. The applied learning pedagogy at SIT creates a more effective and suitable learning environment for a kinesthetic learner such as myself."

Atiqah Zakirah Binte Zulkipli
Year Two
Telematics (Intelligent Transportation Systems Engineering), BEng (Hons)

"The professors at SIT always craft a conducive learning environment for each student to participate and learn. The learning environment is often a two-way communication where students not only learn from the professors, but the professors also learn from students through in-class presentations. They have also made our learning process more enjoyable with innovative approaches to engage us during classes. Gone are the days where students simply sit in to listen to the professor teach. Students at SIT get to partake in interactive in-class activities such as role-playing and conducting interviews with industry speakers, hence revolutionising the conventional approach to teaching."

Samantha Tan Li Ru
Graduate (2017)
Hospitality Business, B (Hons)

"I had the opportunity to work on the 'Community Teachers Project' with a group of amazing Occupational Therapy students where we had sessions involving situational discussions, and questions and answers on my daily activities as a disabled person. In one of the situational discussions, I showed them how I get in and out of an automobile on my own and also, how I go about with my grocery shopping. To me, this is part of what I do daily but to them, it was a very tedious and laborious thing to do. Through sharing our experiences, the students become more empathetic and hopefully, they learnt a thing or two and practise it in their work."

Aidil Khalip
Community Teacher for Occupational Therapy Students

INTEGRATED WORK STUDY PROGRAMME

The Integrated Work Study Programme (IWSP) is a compulsory feature of all SIT-conferred and joint degree programmes. Your learning journey at SIT provides the opportunity to undertake real work that allows you to integrate theory and practice while developing deep, specialised skills in your chosen field. You will undertake six to 12 months of relevant work within the course of your study. Structured in a distinctive way for each SIT-conferred and joint degree programme that caters to the specific needs of the industry, you will achieve the following learning objectives:

1

PROFESSIONAL SKILLS

Experience the entire process from submitting job applications to being fully trained in a job. Leverage on the IWSP to understand broader industry trends and their impact on your job and career.

2

INTEGRATING KNOWLEDGE AND PRACTICE

As 'Thinking Tinkerers', the knowledge and skills learnt in your programme will allow you to better analyse situations and apply principles to actual work performed on the job.

3

SKILLS FOR INNOVATION IN COMPANIES

IWSP challenges you to initiate innovative projects under the guidance of SIT's mentors and company-appointed supervisors, giving you opportunities to solve real issues in your companies.

"I completed my eight-month IWSP with The Ritz-Carlton Millenia Singapore, with rotations between Front Desk Agent and Guest Relations Officer. I have become more confident when speaking to guests and have learnt to resolve problems more effectively and efficiently. IWSP has also trained me to be more proactive by anticipating guests' needs and being observant. With the longer time frame of IWSP, I had more opportunities to excel in my job. I won two 'Best Positive Comment for The Month' and also had my name mentioned on TripAdvisor and internal guest feedback forms. IWSP has certainly given me a better understanding of the hotel's operations."

Celia Tang Yi Qi (Middle)
Graduate (2017)
Hospitality Business, B (Hons)

"IWSP made it easier for me to comprehend the engineering concepts and conventional approaches in tackling the daily challenges on the ground as I was able to co-relate to the contextual knowledge gained in class. Each operating environment has different operating boundaries, thus there is no one-size-fits-all solution. My IWSP journey allowed me to take on important work roles and apply various knowledge and skill sets which nurtured my learning journey under the guidance of an experienced mentor. It provided me with daily, real-life, thought-invoking processes, which continuously encouraged me to keep an open mind to solve the engineering challenges of today."

Muhammad Zacky Bin Razali (Left)
Year Four
Sustainable Infrastructure Engineering (Land), BEng (Hons)

INTEGRATED WORK STUDY PROGRAMME

"The six weeks of IWSP at Tampines Polyclinic gave me the opportunity to gather clinical experience and apply what we learnt in the classroom to the clinic. Being exposed to patients in Year One of our programme gave me the confidence and knowledge to be a qualified and functional radiographer in future. During my IWSP, I was tasked to perform radiological imaging for various patients and demonstrate proper patient care and communication. Meeting patients from all walks of life meant that I had to pick up new languages such as Malay and other local dialects to communicate effectively. This, in turn, enabled me to get a high quality radiological imaging done for the clinicians to interpret. The IWSP really helped to hone my technical radiological imaging skills, and gave me a deeper appreciation of the intricacies of Singapore's healthcare system."

Ryan Nathan Boh Qi Jie (Right)
Year Two
Diagnostic Radiography, BSc (Hons)

"SIT has prepared me for the industry way more than I initially thought. I used to be skeptical that the knowledge that I learnt in school would not be applicable at work. This came to an end when I started my first day at work. During my IWSP, I had to build a mobile app from scratch and manage the project on my own while having to go back to university every Friday for flipped classes. My employers were impressed that some of the skills we performed at work were picked up in SIT. SIT has taught me to be adequately equipped at work. That gave me lots of encouragement to perform better."

Cheryl Tan Wei Ying
Year Four
Information and Communications Technology (Software Engineering), BEng (Hons)

GLOBAL EXPERIENCE

Learning does not have to always happen in the classroom. At SIT, we encourage you to soar beyond familiar ground to get a global perspective of the industry's best practices, all of which could inspire you further. Through carefully crafted programmes such as the Overseas Exposure Programme (OEP) and International Internship Programme (IIP), you will learn from the best industry players, expand your network and make new friends across borders!

OVERSEAS EXPOSURE PROGRAMME

The Overseas Exposure Programme (OEP) aims to expose students to the industry's best practices, gain cross-cultural awareness, and broaden their horizons.

- Optional for some SIT-conferred degree and SIT joint degree programmes
- Programme-specific
- Held over trimester breaks, lasting for about a week
- Reflected in your Record of Achievement (ROA)
- Eligible for financial aid and will be notified of the application period and procedures closer to date of the programme

INTERNATIONAL INTERNSHIP PROGRAMME

The International Internship Programme (IIP) is an industry induction initiative for students to gain international work exposure in Asia and beyond. Under IIP, you will have the opportunity to spend a few months working outside of Singapore to deepen your regional insights and widen your industry network.

- Programme-specific
- Held over trimester breaks
- Reflected in your Record of Achievement (ROA)
- Eligible for financial aid and will be notified of the application period and procedures closer to the date of the programme

GLOBAL EXPERIENCE

"The pioneer batch of OT students had the opportunity to experience Occupational Therapy abroad through the Hong Kong OEP. Our visit to the Hong Kong Polytechnic University gave us much insights into their OT curriculum and practice. We also visited the New Life Psychiatric Rehabilitation Association, which offers services to People in Recovery (PIR). It was heartwarming to see how these people are given a new lease of life with jobs they are specifically trained in, allowing them to overcome stigmas about mental illness and integrate back into the community. We also visited a start-up robotics enterprise, Zunosaki Limited, which develops robotic technologies for the elderly and disabled such as robotic arm for stroke rehabilitation. Technologies such as the 'Hand of Hope' opened a new world of possibilities for OT students like us and have convinced me that it could revolutionise healthcare. This phenomenal overseas experience showed us how OT is truly a unique and impactful occupation, and has motivated me further to becoming a client-centred Occupational Therapist!"

Megan Lay Si En
Year Two
Occupational Therapy, BSc (Hons)
OEP to Hong Kong

"We had the opportunity to observe complex manufacturing processes of raw materials to end products, at the steel and rolling stock factories during our one-week OEP in China. We also had an eye-opening experience at Tianjin Eco-city to witness how the staff at the control station operate its railway system. Although it was a short stint, we were able to adapt to interesting cultures and visit the Great Wall of China! It was definitely an enriching experience for me!"

Lee Guo Wei
Year Two
Sustainable Infrastructure Engineering (Land), BEng (Hons)
OEP to Beijing, Tangshan, Tianjin and Qingdao, China

"During the North Carolina OEP, we had the opportunity to visit the Biomanufacturing Training and Education Centre (BTEC), which runs training programmes for biomanufacturing organisations. We worked on a project that not only encompassed upstream and downstream bioprocesses, it also provided us insights to best manufacturing practices from preparation to batch recording. The OEP had definitely provided the exposure and experience that will prepare us for the industry. Besides the insightful training programme at BTEC, we also had the opportunity to explore the city!"

Adam Chiow Chong Ming
Year Three
Pharmaceutical Engineering, BEng (Hons)
OEP to North Carolina, USA

"The Regional Exposure to Accounting Practices (REAP) trip to Vietnam was an amazing one! Besides understanding the local accounting practices, I have learnt a lot about the culture of Vietnam and have made friends from the local university. Learning foreign accounting practices is very interesting as it attunes us to accounting issues around the world."

Tan Yi Ming
Year Three
Accountancy, B (Hons)
OEP to Vietnam

"The IIP to King Mongkut's University of Technology Thronburi was a fun-filled trip with memorable and enriching learning experiences. During the trip, I was exposed to industrial practices in the manufacture of biotherapeutics at the National Biopharmaceutical Facility, a pilot plant located within the school campus. I was attached to the R&D department as a research assistant where I was involved with the improvement of processes and implementation of new manufacturing technology. I was trained in various high-tech lab equipment which helped in the research I was partaking. My interactions with my mentor and colleagues have allowed me to learn interesting tips and tricks. In addition, it has inculcated a research mindset and broadened my perspective of the pharmaceutical industry."

Bryden Mak Jia Ming
Year Three
Pharmaceutical Engineering, BEng (Hons)
IIP to Thailand

TECHNOLOGY, INNOVATION & ENTERPRISE

At SIT, we gear you up for your entrepreneurial journey where you are encouraged to be involved in creating innovative solutions that will meet the individual, community and industry needs and turn them into start-ups. So if you have a business idea that could lead to a potential venture, take the leap of faith and start up in an innovative way.

ENTREPRENEURSHIP DEVELOPMENT PROGRAMME (EDP)

With a clear vision in mind, you will be immersed in an enterprising environment at SIT to pick up fundamental skills that are critical to starting up a business for your innovative product or service. Backed by experienced and successful business owners who build their own companies from scratch, the Entrepreneurship Development Programme (EDP) is a strategic initiative that will provide you with a platform to sharpen your business skills and accelerate the startup process by learning from our pool of mentors, who are carefully selected to help you build your own enterprise.

CREATE PROTOTYPES AND MINIMAL VIABLE PRODUCTS AT SIT MAKERSPACE

Having a good business idea is just the beginning. If your idea involves a physical prototype, come tinker at the university's MakerSpace, 'The Catalyst'. With a broad range of equipment for 3D printing, electronic, wood, plastic and fabric works, you can create a visual sample or a minimal viable product to showcase to your potential investors.

SUPPORT FOR SIT STUDENT/ALUMNI ENTREPRENEURS

TRAINING

Immerse yourself in entrepreneurship and be inspired by successful company founders through various enablement programmes and platforms.

'THE CATALYST' MAKERSPACE

Equipping workshops are available to train you to use the various equipment from 3D printer, laser cutter to sewing machine.

MENTORSHIP

Mentors are critical to your personal and business growth. Join EDP and tap onto this resource.

FUNDING

If you have a sound idea, talk to us about possible funding from various sources.

TECHNOLOGY, INNOVATION & ENTERPRISE

ENTREPRENEURSHIP IN PRACTICE – AN ALUMNUS' JOURNEY IN INNOVATION

Cumaran, a graduate of the Mechanical Design and Manufacturing Engineering programme from Newcastle University, worked alongside a faculty member, Associate Professor Edmund Liew on a thermoelectric generator project. Motivated to bring his concept to the next level, he joined EDP to pick up skills and knowledge related to starting up, whilst receiving help from the 'Catalyst Fund'. He also received advice and support from experienced businessmen that SIT appointed as mentors.

STEP UP TO START UP – HOW IT WORKS

STEP 1 - GET READY

- Join our Entrepreneurship Development Programme (EDP) to learn business skills that are critical to start-ups
- Attend talks by business owners, venture capitalists and other experts

STEP 2 - ACT ON IDEAS

- Work with business mentors to sharpen your business plan and strategise your start-up process
- Tap on funding available

STEP 3 - START BUSINESS

- Grow your company at an incubation facility
- Continue to learn and improve your business skills

"The programme was intense and enriching. I learned and absorbed so much more from my mentors than learning solely from books. It was worth all the effort as the wisdom that the mentors shared was priceless. Through EDP, I have found the confidence to press towards turning my idea into a reality."

Cumaran Kamalacumar
Graduate (2016)
Mechanical Design and Manufacturing Engineering, BEng (Hons)
Newcastle University

overseas university partners

Gain global perspectives across various disciplines and pursue your highest aspirations through our strong ties with nine partner universities from Europe, the United States and Australasia. The Overseas Immersion Programme (OIP) allows you to venture out of your comfort zone and brave new challenges, deepening and broadening your learning journey at SIT.

DIGIPEN INSTITUTE OF TECHNOLOGY

DigiPen Institute of Technology (DigiPen) is an educational pioneer in the teaching and advancement of video game design and development, computer science, hardware and software engineering, fine arts and digital art production, and sound design. As the first school in the world to offer a bachelor's degree in game simulation technology, DigiPen has advanced the global game and technology industries for close to 30 years by enabling students to become skilled engineers, artists, and designers. Located in Redmond, Washington, USA, with branch campuses in Singapore and Bilbao, Spain, DigiPen offers undergraduate and graduate degrees, continuing education and training programmes, as well as youth programmes.

DigiPen (Singapore) opened in 2008 as DigiPen Institute of Technology's first international campus. DigiPen (Singapore) students have won 16 major awards at the Independent Games Festival, Tokyo Game Show, and other international competitions. Graduates of DigiPen (Singapore) have gone on to work on ground-breaking game franchises, such as Bungie's Destiny, and have joined some of the top entertainment and technology companies in Singapore — including Ubisoft, Lucasfilm, Autodesk, and more.

www.singapore.digipen.edu

MASSEY UNIVERSITY

Massey University has a long and proud tradition of academic and research excellence, playing a defining role in the development of New Zealand and the world. As New Zealand's only truly national university, with three major campuses in Auckland, Palmerston North and Wellington, Massey University is taking the best of New Zealand's creativity and innovation to every corner of the globe.

It is ranked in the top 1.2% of universities worldwide* and leads in Food Technology, Veterinary Science, Agriculture, Sciences, Health, Social Sciences, Creative Arts, and Business. Its internationally-renowned academic staff collaborate with other universities, research institutes and industry in teaching and research programmes. Massey graduates are in demand for their knowledge and skills, particularly in technology and business.

*QS World University Rankings 2018

www.massey.ac.nz

NEWCASTLE UNIVERSITY

Newcastle University
UK | Malaysia | Singapore

Newcastle University (NU) is a member of the Russell Group, comprising the United Kingdom's 24 leading research-intensive universities, and is acclaimed for its multidisciplinary research, focussing on three societal challenges — ageing and health, sustainability and social renewal. Noted for its teaching excellence and preparedness of its graduates for their professional careers, NU has attained the highest rating of five plus QS Stars by QS World University Rankings. In 2017, the UK Government awarded NU Gold status in the Teaching Excellence Framework. This is the highest-quality level in the UK and was awarded in recognition of outstanding teaching quality, learning environment and student outcomes.

Besides its home base in the city of Newcastle upon Tyne, NU now has a strong and growing presence in London, Malaysia and Singapore, with a total student population of around 27,000.

With its origins tracing back to 1834, the founding of Armstrong College in 1871 propelled the introduction of fundamental subjects such as chemistry, mathematics and physics to the university. NU collaborates with SIT to jointly deliver six undergraduate programmes in Singapore that offer a modern and industrially relevant interpretation of the subject in which you will develop skills, knowledge and understanding, in preparation for a successful and satisfying professional career ahead.
www.ncl.ac.uk/singapore

TECHNICAL UNIVERSITY OF MUNICH

TUM Asia

Technical University of Munich (TUM) is one of Europe's leading technical universities and is consistently ranked as Germany's top university*. With 150 years of experience, TUM has played an important role in spearheading technological advancements across Europe based on its strong-seeded principles of creating lasting value for society through excellence and research, and active promotion of entrepreneurial next-generation talent. As of 2016, 17 members of TUM have received the Nobel Prize.

Following the same vision, TUM set up a campus in Singapore in 2002, bringing the experience of German education with a curriculum that incorporates industry relevance and readiness. Ranked eighth in the Times Global Employability University Ranking (2016), graduates of TUM are highly recognised by top companies all around the world.

*2015 QS World University Rankings and 2016 Shanghai Rankings (ARWU)
www.tum-asia.edu.sg

THE CULINARY INSTITUTE OF AMERICA

THE CULINARY INSTITUTE OF AMERICA
THE WORLD'S PREMIER CULINARY COLLEGE

Established in 1946, The Culinary Institute of America (CIA) is the world's premier culinary college. Its proven programmes are the global benchmark for professional food education. Dedicated to driving leadership development for the food service and hospitality industry, the important aspects of the food business, including menu development, nutrition, cost control, and management will be largely covered. The unique curriculum also emphasises hands-on learning, as you develop a command of classic and contemporary culinary methods, techniques and global cuisines. Graduates go on to successful careers in all segments of the food world, and the college's 49,000 alumni include prominent food professionals such as Anthony Bourdain, Cat Cora, Roy Yamaguchi, Charlie Palmer, Maneet Chauhan and Grant Achatz. The historic SIT-CIA partnership marks the first time that the CIA is offering its programmes in Asia.
www.ciachef.edu

THE GLASGOW SCHOOL OF ART

THE GLASGOW SCHOOL OF ART SINGAPORE

The Glasgow School of Art (GSA) was founded in 1845 as one of the first Government Schools of Design, as a centre of creativity promoting good design for the manufacturing industries.

Today, the GSA is one of the last remaining independent art schools in the UK and is internationally recognised as one of Europe's leading university-level institutions for the visual creative disciplines. A studio-based approach to research and teaching brings disciplines together to explore problems in new ways to find innovative solutions. The studio creates the environment for interdisciplinary working, peer learning, critical inquiry, experimentation and prototyping, helping to address many of the great challenges confronting society and contemporary business.

Through the Overseas Immersion Programme (OIP), you will spend four weeks in Scotland at GSA, working directly with your counterparts on the same programmes. All GSA degree programmes are validated by the University of Glasgow.
www.gsa.ac.uk/singapore

TRINITY COLLEGE DUBLIN

Trinity College Dublin
The University of Dublin

Trinity College Dublin (TCD), the University of Dublin boasts a history that dates back to 1592. As Ireland's university on the world stage, you will be part of an institution recognised for academic excellence with a transformative student experience. With a tradition of scholarships spanning more than four centuries, TCD is home to talented and inquiring minds, and research conducted at the frontiers of disciplines.
www.tcd.ie

UNIVERSITY OF GLASGOW

University of Glasgow

Founded in 1451, the University of Glasgow (UofG) is the fourth oldest university in the English-speaking world and is in the top 1% of universities in the world. UofG is a member of the distinguished Russell Group, comprising the United Kingdom's 24 leading research-intensive universities, and is also a founding member of Universitas 21 — a network of universities established as an international reference point and resource for strategic thinking on issues of global significance.

Associated with seven Nobel Laureates, UofG has inspired thinkers from eminent scientist, Lord Kelvin, and distinguished engineer, James Watt, to the father of economics, Adam Smith. Through teaching informed by its broad portfolio of cutting-edge research funded by industry, research councils and governmental agencies, you will graduate with the skills needed to compete in a global workplace, and with friendships and networks that last a lifetime.
www.glasgow.ac.uk

UNIVERSITY OF LIVERPOOL

UNIVERSITY OF LIVERPOOL

The University of Liverpool is one of the great centres of research, knowledge and innovation. Its pioneering reputation attracts students, experts and partners from around the world. Through research, teaching and collaboration, the university seeks to be life-changing and world-shaping. As a member of the Russell Group comprising the United Kingdom's 24 leading research-intensive universities, it has been one of the UK's leading centres for sociology, social policy and criminology for over 100 years. Throughout its history, the university has influenced society with novel research insights in fields such as crime, health, welfare, housing, inequality and the operation of political power at local, national and global levels. Today, it is internationally renowned for its research and has a dynamic community of academic staff and students who work together in a shared spirit of discovery.

Its Department of Sociology, Social Policy and Criminology offers a unique environment for you to study social science as a critical, evidence-based discipline that inspires constructive suggestions for social reform. This shared pursuit of research-based knowledge in support of social justice sets this department apart from most of its contemporaries in the UK and beyond.
www.liverpool.ac.uk

OVERSEAS IMMERSION PROGRAMME

The Overseas Immersion Programme (OIP) is compulsory[1] for all students pursuing joint[2] or Overseas University (OU)[3] undergraduate programmes. These programmes are designed to provide greater learning experiences through international exposure, and include lectures, hands-on project work, workshops and industry visits. You will get to interact with your university professors and mentors while experiencing life abroad with your fellow overseas counterparts. Participation in OIP will be reflected in your Record of Achievement (ROA).

OVERSEAS UNIVERSITY PARTNER	APPROXIMATE DURATION	ESTIMATED COST RANGE (SGD)*
DigiPen Institute of Technology	12 weeks	$11,500 - $12,500
Massey University[4]	16 weeks	$8,000 - $10,000
Newcastle University	3 weeks	$4,500 - $5,500
Technical University of Munich	12 - 21 weeks[5]	$8,000 - $15,000
The Culinary Institute of America	3 weeks	$8,500 - $9,500
The Glasgow School of Art	4 weeks	$4,500 - $5,500
Trinity College Dublin	6 - 9 weeks[5]	$6,000 - $9,000
University of Glasgow	3 - 4 weeks[5]	$4,500 - $5,500
University of Liverpool	4 weeks	$4,500 - $5,500

Note:
* Costs are estimates and are dependent on prevailing currency exchange rates and flight ticket prices.
[1] 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.
[2] Degree is awarded jointly by SIT and SIT's overseas university partner.
[3] Degree is awarded solely by SIT's overseas university partner.
[4] Due to placement availability, the maximum number of students attending OIP in New Zealand may be restricted. Students who do not attend the OIP will be required to complete an equivalent paper in Singapore.
[5] The actual OIP duration is programme-specific.

For up-to-date information, visit **SingaporeTech.edu.sg**.

"Enriching, exhilarating, exciting! These words encapsulated my OIP experience at the University of Liverpool. The trip made me feel closer to the home campus as classes and accommodation were on campus itself. The various activities planned had given us a better understanding of British culture, especially that of Liverpool, which made this trip a really pleasant and memorable experience!"

Ray Tan
Year Three
Criminology and Security, BA (Hons)
University of Liverpool

"Having to travel and live with my course mates in a communal environment was a once in a lifetime experience. I enjoyed living in a different country and experiencing another culture. The atmosphere, architecture, and people are different yet enriching."

Shawn Chen
Year Four
Communication Design, BA (Hons)
The Glasgow School of Art

"TCD provided a nurturing and holistic environment to guide us in developing our skills as future clinicians. Moreover, the courses that we undertook during our OIP proved highly relevant and enriching, enhancing what we have learnt back home."

Muhammad Nifail Bin Zainal
Graduate (2017)
Physiotherapy, BSc
Trinity College Dublin

"Experience is a treasure greater than any other. My OIP experience has enriched my learning experience and inspired me to strive for my best."

Tan Wenjie
Year Three
Aeronautical Engineering, BEng (Hons)
University of Glasgow

OVERSEAS IMMERSION PROGRAMME

"OIP allowed me to understand the local culture and way of life, and experience living and studying aboard. This experience has definitely bonded the marine cohort!"

Tan Jia En
Year Two
Naval Architecture, BEng (Hons)
Newcastle University

"The OIP trip was a wonderful opportunity for us to learn outside of the four walls of the classroom. We also visited our main campus and tasted produce not commonly seen in this part of the world. It was truly an amazing experience."

Lim Chun Feng
Year Two
Food Business Management, BBA
The Culinary Institute of America

"Germany opened my eyes to how much a country has to offer in terms of quality education. The reputation and richness of the engineering industry is amazing. The OIP experience was a huge bonus to my university experience and living in Germany has taught me so much about independence."

Muhammad Ariff Horlis
Graduate (2017)
Chemical Engineering, BSc
Technical University of Munich

"It was a rewarding and meaningful trip. We experienced and explored the cross-cultural sensitivities of Americans. While interacting with our peers and lecturers at the Redmond campus, we were exposed to their mindset and thought processes on a broad range of topics such as game design, climate change and even speculative fiction."

Muhammad Bin Ahmad Dahlan
Year Two
Computer Science in Real-Time Interactive Simulation, BS
DigiPen Institute of Technology Singapore

STUDENT LIFE

YOUR SIT STORY

The diary of an undergraduate is filled with unforgettable experiences and unique stories. At SIT, you get to design your journey and, together with us and your peers, create a student community that is vibrant and inclusive, a campus that inspires and nurtures, and a student life that is meaningful and memorable.

Join clubs, become a student leader, take up a sport or lend a hand as a student volunteer and peer supporter. Your SIT story can be as meaningful as ours.

BUILD A VIBRANT STUDENT COMMUNITY!

FRIENDSHIPS BEGIN AT SIT

CHILLOUT — SIT - LOOK OUT FOR IT!

"The most memorable moment was when I became a student facilitator for SIT Student Orientation 2K17. **For the first time in my life, I took up a student leadership role,** which was an experience unlike any other."

Tyler Wong Yao Min
Facilitator,
SSO 2K17

BECOMING A TEAM AT SSO 2017!

"Being a part of SIT Women's Soccer team was one of my most memorable experiences at SIT. **I scored the first goal for my team at the Singapore University Games 2017.** SIT gave me many opportunities to learn, make new friends and give back to the school and the community."

Krithi Pushpanathan
Athlete, SIT Football (Women's Team)
Secretary, Inter-Cluster Games 2018

MAKE SURE TO ATTEND THE STUDENT CLUB FAIR!

WHEN SENIORS COME TOGETHER TO WELCOME FRESHMEN

TEAMWORK AT SIT DAY ZERO

STUDENT LIFE

WHATSUP SIT!

"My course mates and I participated in a fun student activity called 'Hentam Bola'. Unexpectedly, we got third place in the competition! Since then, **we made it a point to participate in many other events**, which added fond memories to our time here at SIT."

Quek Jia En Joshua
Committee Member,
SIT Tchoukball

SURVIVE UNI DAYS ONE DANCE STEP AT A TIME

"Planning and practising for SIT's annual arts concert, ***ExpresSIT* was such a challenging and memorable journey!** I learnt to manage my time and plan ahead. Being committed to various activities made me appreciate the importance of trust, teamwork and communication!"

Venus See Xin Xuan
President,
SIT DanceSport

SET HIGH GOALS WITH SIT FOOTBALL (WOMEN)

TAKE AIM WITH SIT ARCHERY

LEARN TO SPAR WITH SIT SILAT

POWER UP WITH SIT DRAGONS

"I was inspired to join the Basketball team and represent SIT in competitions. I hope to achieve stellar results for the university. At SIT, I've made lifelong friends. **We've pulled through the highs and lows together**; our campus memories will be etched in my mind for years to come."

Muhammad Zulhaziq
Bin Azman
Athlete, SIT Basketball

SIT STUDENTS STUDY TOGETHER AND JAM TOGETHER!

STUDENT LIFE

BRING OUT THE BEST IN YOUR STUDENT LIFE:

- ✓ LEARN A NEW SPORT.
- ✓ EXPERIENCE ARTS & CULTURE.
- ✓ BECOME A STUDENT LEADER.
- ✓ VOLUNTEER TO BRIGHTEN UP SOMEONE'S DAY.

SPEAK UP! MAKE A DIFFERENCE WITH SIT TOASTMASTERS

BEING A LEADER MEANS OVERCOMING OBSTACLES

"I had the opportunity to join the Leadership Development programme which included activities like kayaking (despite my fear of water). This programme encouraged me to **step out of my comfort zone**, to lead, inspire and challenge myself. My university life taught me how to learn, unlearn and relearn."

Lim Pei Shan
Student Leader
Vice President,
SSO 2K17

AIM FOR AN AWESOME STUDENT LIFE! TAKE PART IN ACTIVITIES SUCH AS LASER TAG

WHEN STUDENT LEADERS COME TOGETHER AND GROW

LEARN NEW SKILLS AND MAKE NEW FRIENDS!

"In the past year, I have forged great friendships with other SITizens. There is a Swedish proverb '**Shared joy is a double joy; shared sorrow is half a sorrow**'. I came to SIT to pursue my dream alone but now, **I have found a home and a family**."

Cheng Wei Bin
Occupational Therapy,
BSc (Hons)

BEAT STRESS WITH FUN ACTIVITIES LIKE ZORBING BUBBLE

CREATING HARMONY ON CAMPUS

STUDENT LIFE

IMMERSE YOURSELF IN A NURTURING, INCLUSIVE CAMPUS:

- ✓ SIGN UP FOR STUDENT LIFE 101 – A SERIES OF ACTIVITIES THAT BUILDS YOUR STRENGTHS AND LETS YOU NETWORK WITH FRIENDS.
- ✓ CHAMPION STUDENT WELLNESS, BE A STUDENT PEER SUPPORTER.
- ✓ SHARE YOUR STORIES THROUGH HOLISTIC WORKSHOPS AND ACTIVITIES.

ART THERAPY WITH SIT PEER SUPPORTERS

GROUNDED IN THE COMMUNITY

"I will always remember my first Community Service Club event. We spent a morning interacting with the elderly, recalling stories of the past and listening to their life experiences. **These are things books cannot impart**. Being in uni is more than pursuing academic excellence, it is about character development and holistic growth."

Yue Weng Tong Ryan
Vice President, Community Service Club
SIT Peer Supporter

MAKING A DIFFERENCE IN CAMBODIA

GLOBAL FRIENDSHIPS IN PROJECT MYANMAR

INSPIRING YOUNG MINDS IN VIETNAM

NEW BEGINNINGS IN THAILAND

MAKING FRIENDS ACROSS CAMPUSES

"Managing my time and finances were the biggest challenges I faced as a student. There were times when I wanted to give up. I realised that **my choices today will pave the way for my tomorrow**. When the going gets tough, the tough get going. I chose to live up to this quote by being financially independent, academically driven and not making excuses for myself."

Vidhya D/O Elangovan
Accountancy, B (Hons)

CAREER SERVICES

With the ever-changing landscape in the global economy, equipping yourself with the essential tools and resources to pursue your desired job is just the tip of the iceberg. At SIT, our team of dedicated Career Services professionals will guide and help you make the crucial decisions that will determine and forge your professional path ahead. Not only can we help you find out more about life in the workforce, we can also link you up with potential employers.

YOUR DEFINITIVE CAREER RESOURCE HUB

CAREER PORTALS

Seek available job positions through our career portal. Contact your Career Coach for more information.

NETWORKING EVENTS

Networking is key to career success. Get a head start in your career by actively participating in various networking events such as SIT's annual Career Nexus or the IWSP Previews. This is your chance to engage with potential employers and build a strong network of professional contacts.

INSIGHTS FROM AN INSIDER

Attend 'Insights from an Insider' to hear from industry experts and deepen your understanding of specific industries. These events provide unique opportunities for you to learn about current industry trends as well as other on-the-ground information.

RECRUITERS IN RESIDENCE

Meet the recruiters from industry at 'Recruiters in Residence'. Have these professionals review your resume, answer your queries on your career as well as address the interview process.

CAREER SUCCESS WORKSHOPS

Attend our Career Success Workshops to enhance your resume writing abilities, develop your interview skills and refine your job search strategies.

RECRUITMENT TALKS

Join our Recruitment Talks to explore the various career opportunities with our industry partners. Find out what these potential employers are looking for and how to get an edge in your career.

VOICES OF EXPERIENCE

'Voices of Experience' is a series of dialogue sessions with industry leaders in which you can participate. These discussions are unique opportunities for students to learn from top practitioners in their fields.

CAREER COACHING

This is the starting point of your career search. Explore your career options with our experienced Career Coaches. Have your resume reviewed or practise your interview techniques during a mock interview session. Request a session from your career coach!

COMPANY VISITS

Step into the offices of potential employers during company visits. This is your avenue to interact with potential employers directly. Learn about the companies' work cultures, recruitment processes and available career opportunities.

WHERE OUR GRADUATES WORK

SIT graduates are highly sought-after by top organisations in Singapore, given their winning combination of technical proficiency, academic prowess and fresh perspectives. These are but a handful of employers who have employed our graduates:

Abbvie Operations Singapore Pte Ltd • Acronis • Airbus • Air Liquide Singapore Private Limited • ASM Technology Singapore Pte Ltd • Autodesk Asia Pte Ltd • Baker Tilly TFW LLP • Continental Automotive Singapore Pte Ltd • Deloitte & Touche LLP • Ernst & Young LLP • Far East Organisation • Four Seasons Hotel Singapore • Givaudan (S) Pte Ltd • JKR Singapore • Jurong Community Hospital • Keppel Shipyard • KPMG Services Pte Ltd • Land Transport Authority • Molex • Ng Teng Fong General Hospital • Ogilvy & Mather Singapore • PKF-CAP LLP • Pratt & Whitney • Pricewaterhouse Coopers LLP • Sembcorp Marine • Sengkang General and Community Hospitals • SMRT Corporation • ST Electronics (Training & Simulation Systems) Pte Ltd • Tan Tock Seng Hospital • The Secret Little Agency (TSLA) • Ubisoft Singapore

ALUMNI

ONCE A SITIZEN, ALWAYS A SITIZEN

Even after you graduate, stay connected with your fellow SITizens in the growing SIT Alumni family. Learn from industry experts, enjoy a movie, pick up a new hobby and even sweat it out with the range of activities hosted by the SIT Alumni Networks!

As we like to say here at SIT, "Once a SITizen, Always a SITizen!"

Networking with industry professionals at Beers with Peers.

Enhance your professional development and pick up new life skills.

Financial Literacy Workshop

ALUMNI CAREER NETWORK

Catch up with friends at the movies, or discover a new hobby together.

Alumni Movie Night

ALUMNI LEISURE NETWORK

Get a good workout or learn a new sport — that's up to you!

Alumni Futsal Session

ALUMNI SPORTS NETWORK

As alumni, you can look forward to:

- Your personalised SIT Alumni Card
- Free-for-life SIT Alumni email account
- Exclusive invitations to events hosted by the three SIT Alumni Networks
- SITizen, the free alumni newsletter

"I signed up for the Soap Crafting Workshop as I thought it would be a great idea for a date with my wife, and we weren't disappointed!"

Alumni Muhammad Hafiz Bin Osni (left) and Farzana Afiqah Binte Roslee (right), holding their prized handcrafted soaps.

ADMISSION REQUIREMENTS

DIPLOMA FROM SINGAPORE

SIT adopts a holistic approach in assessing applicants for admission by considering the following criteria:

FULL-TIME DIPLOMA FROM ONE OF THE FIVE LOCAL POLYTECHNICS:

- Nanyang Polytechnic
- Ngee Ann Polytechnic
- Republic Polytechnic
- Singapore Polytechnic
- Temasek Polytechnic

Final semester polytechnic students may apply for admission with their first five semesters' results within the stipulated time frame. Applicants must then upload the results of their sixth semester and diploma certificate as proof of graduation upon receiving them.

Applicants submitting their Diploma from Nanyang Academy of Fine Arts, LASALLE College of the Arts and BCA Academy will be considered for selected programmes.

GCE O LEVEL OR EQUIVALENT RESULTS/ITE (NITEC AND HIGHER NITEC)[1]

PASSION

PERSONAL QUALITIES

RELEVANT WORK EXPERIENCE/ INTERNSHIPS

CO-CURRICULA INTERESTS

INTERVIEW PERFORMANCE

All shortlisted applicants will be assessed through interviews. For specific degree programmes, applicants may have to submit portfolios or essays, or be assessed through written tests.

PROGRAMME-SPECIFIC REQUIREMENTS

SIT's overseas university partners may have programme-specific admission requirements. Applicants must meet all specified requirements in order to be considered for admission.

For details of the relevant diplomas and programme-specific admission requirements, please visit **SingaporeTech.edu.sg**.

Note: Undergraduate students who are switching to another degree programme either within or across the following institutions (National University of Singapore, Nanyang Technological University, Singapore Management University, Singapore University of Technology and Design, Singapore Institute of Technology, Singapore University of Social Sciences, LASALLE College of the Arts, Nanyang Academy of Fine Arts) will be eligible for the Tuition Grant up to total credits required for graduation at SIT less the percentage of semesters or trimesters of Tuition Grant received at their previous university.

[1] SIT accepts applications from polytechnic graduates who did not sit for their GCE O Level examination and have come through other forms of secondary or post-secondary education such as the Polytechnic Foundation Programme. Final semester polytechnic students may apply for admission with their first five semesters' results within the stipulated time frame.

ADMISSION REQUIREMENTS

GCE A LEVEL/INTERNATIONAL BACCALAUREATE DIPLOMA (IB)/NUS HIGH SCHOOL DIPLOMA/ OTHER INTERNATIONAL QUALIFICATIONS

SIT adopts a holistic approach in assessing applicants for admission by considering the following criteria. Applicants should possess one of the listed qualifications below:

ONE OF THE QUALIFICATIONS LISTED COMBINED WITH THE FOLLOWING CRITERIA BELOW:

GCE A LEVEL (FOR SELECTED PROGRAMMES)	INTERNATIONAL BACCALAUREATE DIPLOMA (IB) (FOR SELECTED PROGRAMMES)	NUS HIGH SCHOOL DIPLOMA (FOR SELECTED PROGRAMMES)	OTHER INTERNATIONAL QUALIFICATIONS (FOR SELECTED PROGRAMMES)
• Obtained passes in at least two A/H2 Level subjects and offered either General Paper (GP) or Knowledge & Inquiry (KI) in the same sitting. • Met one of the following Mother Tongue Language (MTL) requirements^: – A 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. – A minimum D7 for the higher MTL paper taken at the GCE O Level examination.	• Obtained a minimum grade five in at least two Higher Level (HL) and one Standard Level (SL) subjects. • Obtained the IB Diploma. • Met one of the following Mother Tongue Language (MTL) requirements^: – A minimum pass grade for HL/SL MTL A: Literature. – A minimum pass grade for HL/SL MTL A: Language and Literature. – A minimum pass grade for HL/SL Language B. – A minimum D7 for the higher MTL paper taken at the GCE O Level examination.	• Obtained the NUS High School Diploma. • Met one of the following Mother Tongue Language (MTL) requirements^: – A 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. – A minimum D7 for the higher MTL paper taken at the GCE O Level examination.	• Completed at least 12 years of formal education deemed as acceptable, equivalent qualifications to be considered for admission.

PASSION	PERSONAL QUALITIES	RELEVANT WORK EXPERIENCE/ INTERNSHIPS	CO-CURRICULA INTERESTS

INTERVIEW PERFORMANCE

All shortlisted applicants will be assessed through interviews. For specific degree programmes, applicants may have to submit portfolios or essays, or be assessed through written tests.

PROGRAMME-SPECIFIC REQUIREMENTS

SIT's overseas university partners may have programme-specific admission requirements. Applicants must meet all specified requirements in order to be considered for admission.

For details of the relevant diplomas and programme-specific admission requirements, please visit **SingaporeTech.edu.sg**.

Note: Undergraduate students who are switching to another degree programme either within or across the following institutions (National University of Singapore, Nanyang Technological University, Singapore Management University, Singapore University of Technology and Design, Singapore Institute of Technology, Singapore University of Social Sciences, LASALLE College of the Arts, Nanyang Academy of Fine Arts) will be eligible for the Tuition Grant 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.

^ For those who are exempted from MTL, the approval letter issued by MOE must be provided as a supporting document. Alternatively, students may offer an MTL-in-lieu subject approved by MOE. Those who did not fulfil the MTL requirement may be offered 'provisional admission', and are required to (i) attain any of the minimum requirements as a private candidate, or (ii) attend equivalent courses conducted by language schools, which are approved by SIT, before being allowed to graduate.

ADMISSION REQUIREMENTS

SELECTED LIST OF DEGREE PROGRAMMES FOR GCE A LEVEL/INTERNATIONAL BACCALAUREATE DIPLOMA (IB)/NUS HIGH SCHOOL DIPLOMA/OTHER INTERNATIONAL QUALIFICATIONS

	SELECTED LIST OF DEGREE PROGRAMMES	SUBJECT PREREQUISITES
ENGINEERING	SINGAPORE INSTITUTE OF TECHNOLOGY • Aircraft Systems Engineering, BEng (Hons) • Sustainable Infrastructure Engineering (Building Services), MEngTech and BEng (Hons) • Sustainable Infrastructure Engineering (Land), MEngTech and BEng (Hons) • Telematics (Intelligent Transportation Systems Engineering), MEngTech and BEng (Hons) SINGAPORE INSTITUTE OF TECHNOLOGY – DIGIPEN INSTITUTE OF TECHNOLOGY SINGAPORE • Systems Engineering (ElectroMechanical Systems), BEng (Hons) SINGAPORE INSTITUTE OF TECHNOLOGY – NEWCASTLE UNIVERSITY • Electrical Power Engineering, BEng (Hons) • Marine Engineering, BEng (Hons) • Mechanical Design and Manufacturing Engineering, BEng (Hons) • Naval Architecture, BEng (Hons) • Offshore Engineering, BEng (Hons) SINGAPORE INSTITUTE OF TECHNOLOGY – UNIVERSITY OF GLASGOW • Civil Engineering, MEngTech and BEng (Hons)	• Applicants must fulfil admission requirements
	TECHNICAL UNIVERSITY OF MUNICH • Electrical Engineering & Information Technology, BSc	• A/H2 Level/IB HL Mathematics • A/H2 Level/IB HL Science Subject (Biology, Chemistry or Physics)
CHEMICAL ENGINEERING AND FOOD TECHNOLOGY	SINGAPORE INSTITUTE OF TECHNOLOGY • Pharmaceutical Engineering, BEng (Hons) SINGAPORE INSTITUTE OF TECHNOLOGY – MASSEY UNIVERSITY • Food Technology, BFoodTech (Hons) SINGAPORE INSTITUTE OF TECHNOLOGY – NEWCASTLE UNIVERSITY • Chemical Engineering, BEng (Hons)	• Applicants must fulfil admission requirements
	TECHNICAL UNIVERSITY OF MUNICH • Chemical Engineering, BSc	• A/H2 Level/IB HL Mathematics • A/H2 Level/IB HL Science Subject (Biology, Chemistry or Physics)
INFOCOMM TECHNOLOGY	SINGAPORE INSTITUTE OF TECHNOLOGY • Information and Communications Technology (Information Security), BEng (Hons) • Information and Communications Technology (Software Engineering), BEng (Hons) • Telematics (Intelligent Transportation Systems Engineering), MEngTech and BEng (Hons)	• Applicants must fulfil admission requirements
	DIGIPEN INSTITUTE OF TECHNOLOGY • Computer Science and Game Design, BS • Computer Science in Real-Time Interactive Simulation, BS • Digital Art and Animation, BFA • Game Design, BA	• A/H2 Level/IB HL pass in Mathematics or Physics or Computing; or a good pass in H1 Mathematics • See programme-specific requirements at **SingaporeTech.edu.sg**

ADMISSION REQUIREMENTS

	SELECTED LIST OF DEGREE PROGRAMMES	SUBJECT PREREQUISITES
HEALTH AND SOCIAL SCIENCES	SINGAPORE INSTITUTE OF TECHNOLOGY • Diagnostic Radiography, BSc (Hons) • Occupational Therapy, BSc (Hons) • Radiation Therapy, BSc (Hons) SINGAPORE INSTITUTE OF TECHNOLOGY – TRINITY COLLEGE DUBLIN • Physiotherapy, BSc (Hons)	• A good pass in two of the following: A/H2 Level/IB HL subjects (Biology, Chemistry, Physics and Mathematics) • Applicants must fulfil admission requirements
	UNIVERSITY OF LIVERPOOL • Criminology and Security, BA (Hons)	• Applicants must fulfil admission requirements
DESIGN AND SPECIALISED BUSINESSES	SINGAPORE INSTITUTE OF TECHNOLOGY • Accountancy, B (Hons) • Hospitality Business, B (Hons)	• Applicants must fulfil admission requirements
	THE CULINARY INSTITUTE OF AMERICA • Food Business Management (Culinary Arts), BBA • Food Business Management (Baking and Pastry Arts), BBA	• See programme-specific requirements at **SingaporeTech.edu.sg**

Please note that degree programmes which are not listed above will not be open for admission to applicants presenting GCE A Level, IB Diploma, NUS High School Diploma or other international qualifications.

PROGRAMME-SPECIFIC REQUIREMENTS

SIT's overseas university partners may have programme-specific admission requirements. Applicants must meet all specified requirements in order to be considered for admission.

For details of programme-specific admission requirements, please visit **SingaporeTech.edu.sg**.

ADMISSION PROCESS

MID JAN
Apply via the SIT online application portal at **SingaporeTech.edu.sg**

FEB - MAY
Shortlisted applicants will be assessed through interviews, written tests, and submission of portfolio.

APR - MAY
Check final application outcome via email notification from SIT or via the SIT online application portal.

BY JOINT ACCEPTANCE DEADLINE
Successful applicants are required to accept their offer via the Joint Acceptance Platform or by completing an acceptance form (adhere to instructions in the e-offer letter).

JUNE
Successful applicants who have accepted their offer will receive a pre-matriculation package via email, and are required to complete the stipulated procedures by the deadline.

SUPPORTING DOCUMENTS TO BE SUBMITTED UPON APPLICATION

Applicants are required to submit all the following documents by uploading them onto the SIT online application portal. Any additional supplementary document (such as recommendation letters and testimonials) may be uploaded although they are not mandatory for application.

- NRIC/11B* (front and back)/Passport (particulars page only if NRIC is not applicable or available);

*If citizenship is not reflected on the ID, please also submit your passport's particulars page

- GCE O Level result/SPM (including 1119) results or equivalent (all sittings);

- Polytechnic results uploaded in chronological order i.e. from the first semester to the sixth* semester. Results must be official documents from the polytechnic bearing the polytechnic's name, logo and the applicant's details. Unofficial copies will not be accepted;

*Final semester polytechnic students may apply for admission with their first five semesters' results within the stipulated time frame. Applicants must then upload the results of their sixth semester and diploma certificate as proof of graduation upon receiving them.

OR

- GCE A Level/IB Diploma/NUS High School Diploma/Other International Qualification Year 12 results. Scanned official transcripts and certificates must clearly show the logo and name of the awarding institution. Unofficial copies which do not bear the logo/name/seal of the awarding institution will not be accepted.

- Any programme-specific requirement in the individual degree programmes.

TUITION FEES

Tuition fees at SIT are highly subsidised by the Government via the Tuition Grant Scheme. The Tuition Grant (TG) is extended to SIT students who are Singapore Citizens (SC) or Singapore Permanent Residents (SPR). SC, SPR and International Students (IS) who have received TG for studies in degree programmes at NUS, NTU, SMU, SUTD, SIT, SUSS, LASALLE or NAFA, will be eligible for Tuition Grant up to total credits required for graduation at SIT less the percentage of semesters or trimesters of Tuition Grant received at their previous university. Students who have fully utilised their TG for degree programmes and were conferred degree qualifications will have to pay non-subsidised fees for the entire duration of their new programme.

SPR and IS are required to sign a TG agreement and work for a Singapore-based company for a period of three years upon graduation. SPR and IS who do not sign the TG agreement will pay non-subsidised fees.

For students admitted to SIT in Academic Year 2018/19, the annual tuition fees are fixed at the AY2018/19 rate for the duration of their degree programme.

AY2018/19 fees are not available at time of print; please visit **SingaporeTech.edu.sg** for updates.

UNDERGRADUATE PROGRAMMES	CLUSTER	AY2017/18 PROGRAMME FEES (SGD)			
		SUBSIDISED FEES (TOTAL COST)			NON-SUBSIDISED FEES[2] (TOTAL COST)
		SINGAPORE CITIZENS (WITH TIER A TUITION GRANT)[1]	SINGAPORE PERMANENT RESIDENTS (WITH TIER B TUITION GRANT)[1]	INTERNATIONAL STUDENTS (WITH TIER C TUITION GRANT)[2]	
SIT-conferred/ SIT Joint Degrees* (Three Trimesters Per Year)	**Engineering**	Per credit rate is $134 - $178.50	Per credit rate is $262 - $350	Per credit rate is $330 - $441	Per credit rate is $494 - $612.50
		Total: $24,120 - $42,840	Total: $47,160 - $84,000	Total: $63,558 - $113,248.80	Total: $95,145 - $157,290
	Chemical Engineering and Food Technology	Per credit rate is $134 - $171	Per credit rate is $262 - $336.67	Per credit rate is $330 - $425	Per credit rate is $494 - $588.50
		Total: $30,780 - $41,040	Total: $60,600 - $80,800	Total: $81,855 - $109,140	Total: $113,346 - $151,127
	Infocomm Technology	Per credit rate is $134	Per credit rate is $262	Per credit rate is $330	Per credit rate is $494
		Total: $24,120 - $32,160	Total: $47,160 - $62,880	Total: $63,558 - $84,744	Total: $95,145 - $126,860
	Health and Social Sciences	Per credit rate is $152 - $171	Per credit rate is $295 - $336.67	Per credit rate is $375 - $425	Per credit rate is $559 - $588.50
		Total: $20,520 - $41,040	Total: $40,400 - $80,800	Total: $54,570 - $109,140	Total: $75,564 - $151,127
	Design and Specialised Businesses	Per credit rate is $152	Per credit rate is $295	Per credit rate is $375	Per credit rate is $559
		Total: $27,360	Total: $53,100	Total: $72,225	Total: $107,664
UNDERGRADUATE PROGRAMMES	CLUSTER	AY2017/18 PROGRAMME FEES (SGD)			
		SUBSIDISED FEES (ANNUAL COST)			NON-SUBSIDISED FEES[2] (ANNUAL COST)
		SINGAPORE CITIZENS (WITH TIER A TUITION GRANT)[1]	SINGAPORE PERMANENT RESIDENTS (WITH TIER B TUITION GRANT)[1]	INTERNATIONAL STUDENTS (WITH TIER C TUITION GRANT)[2]	
Overseas University Partner Degrees^ (Two Semesters Per Year)	ALL CLUSTERS	Total: $10,320 - $15,510	Total: $20,200 - $30,600	Total: $27,285 - $41,195	Total: $37,782 - $50,269

TUITION FEES

POSTGRADUATE PROGRAMMES	DURATION	AY2017/18 PROGRAMME FEES (SGD)			
		SUBSIDISED FEES (TOTAL COST)			NON-SUBSIDISED FEES[2] (TOTAL COST)
		SINGAPORE CITIZENS (WITH TIER A TUITION GRANT)[1]	SINGAPORE PERMANENT RESIDENTS (WITH TIER B TUITION GRANT)[1]	INTERNATIONAL STUDENTS (WITH TIER C TUITION GRANT)[2]	
Sustainable Infrastructure Engineering (Land), MEngTech[##]	**Eight-month (Two trimesters) /60 Credits**	Per credit rate is $142.50	Per credit rate is $199.50	Per credit rate is $285	Per credit rate is $526
		Total: $8,550	Total: $11,970	Total: $18,297	Total: $33,770
Electrical Power Engineering, MEngTech[#]	**12-month (Three trimesters) /60 Credits**	Not available at time of print. Applicant will pay the prevailing rates at the time of acceptance to the programme. CPF Education Scheme does not apply. Please refer to our website for details.			
Sustainable Infrastructure Engineering (Building Services), MEngTech[##]	**Eight-month (Two trimesters) /60 Credits**				

* The tuition fee for each trimester is charged according to the total credits of modules registered in the trimester. Credits of exempted modules are counted towards the total credit requirement but will not be included in the credit charge.

^ Some programmes may require students to undergo a bridging course which entails an additional fee.

[#] The duration of the part-time MEngTech programme in Electrical Power Engineering is 24 months (six trimesters) of 60 credits.

[##] The duration of the part-time MEngTech programme in Sustainable Infrastructure Engineering (Land) and Sustainable Infrastructure Engineering (Building Services) is 20 months (five trimesters) of 60 credits.

The total programme fees indicated above is based on the fulfilment of the total credit requirement of the programme, without credit exemptions.

Note:
[1] The subsidised fees for Singapore Citizens and Singapore Permanent Residents shown are without GST, as GST on tuition fees will be subsidised by Ministry of Education.
[2] The fees for International Students and non-subsidised fees are inclusive of 7% GST, with the exception of credit-rate fees (where GST is not indicated, but will be included in the fees billing).

Note on payment of fees:
National Servicemen whose enrolment in SIT is delayed by one or two years because of their National Service commitment, are allowed to enjoy a one or two year lag in the payment of their subsidised tuition fees. The fees payable will depend on the year that they had first accepted a place in SIT. For example, if they were offered admission in AY2016 and had accepted the offer, they pay the subsidised tuition fees applicable for AY2016 when they join SIT in AY2018. If they had reapplied for a new programme in AY2018, they would still pay the subsidised tuition fees applicable for AY2016 regardless of the second application outcome.

SCHOLARSHIPS AT A GLANCE

SIT believes in creating opportunities for students to develop and achieve their goals, cultivating future leaders for Singapore's growing industries. With this vision, SIT substantially invests in its own scholarships, which aim to recognise students for their academic excellence, robust co-curricular record and strong leadership qualities. SIT scholars will contribute to the SIT community and be responsible global citizens.

	SIT SCHOLARSHIP	SIT MID-TERM SCHOLARSHIP
COVERAGE	• Subsidised tuition fees based on the prevailing cost of the degree programme for Singapore Citizens • Other miscellaneous fees	
UNDERGRADUATE PROGRAMME	All programmes	
ELIGIBILITY	• SC or SPR • Outstanding academic results • Strong leadership qualities • Good CCA records	• SC or SPR • Outstanding academic results • Strong leadership qualities • Good CCA records • For SIT or joint degree programmes: Completed 60 credits • For OU degree programmes: Entering final year of degree programme

KEY: SC = Singapore Citizen **SPR = Singapore Permanent Resident** **OU = Overseas University**

DONOR-SUPPORTED BOND-FREE SCHOLARSHIPS

The following bond-free scholarships have been established at SIT, thanks to gifts from private donors who wish to encourage our students to strive for academic excellence:

- Baker Tilly TFW Scholarship
- Choo Chiau Beng Overseas Immersion Programme Scholarship
- ECM Libra Foundation Scholarship
- EnGro Scholarship
- Kewalram Chanrai Group Scholarship
- KKH Scholarship
- Lim Siah Mong Scholarship
- McLink Scholarship
- Nexia TS Public Accounting Corporation Financial Scholarship
- Rotary Club of Bugis Junction Scholarship
- RSM Singapore Financial Scholarship
- Safety Systems Engineering Scholarship
- SCCCF Scholarship
- Singapore Chemical Industry Council Financial Scholarship
- Tan Sri (Dr) Tan Chin Tuan Scholarship
- Teknor Apex Asia Pacific Financial Scholarship
- The Ngee Ann Kongsi Scholarship
- Wilmar 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 world-class tertiary education by sending their employees to SIT to upgrade their skills and acquire new knowledge through our degree programmes.

SCHOLARSHIPS ADMINISTERED BY MOE-APPOINTED SECRETARIAT OFFICE

- Lee Kuan Yew-STEP Award
- Lee Hsien Loong Award
- University Engineering Scholarship

For the most up-to-date information on our scholarships, please visit **SingaporeTech.edu.sg**.

DONOR-SUPPORTED EXCELLENCE AWARDS

These awards, supported by our generous donors, await our very best talents:

- Amazon Book Prize in Distributed Systems Programming
- Ardent Book Prize in Business Valuation and Analysis
- Baker Tilly TFW Outstanding Student Award in Accountancy
- CA Trust PAC Book Prize in Company Accounting
- CA Trust PAC Book Prize in Essentials of An Auditor
- CEI Book Prize in Mechatronic Systems
- CEI Book Prize in Robotics & Automation
- CEI Outstanding Student Award in Mechanical Design & Manufacturing Engineering
- Choo Chiau Beng Outstanding Student Award in Naval Architecture
- Core Concepts Book Prize in Musculoskeletal Physiotherapy (Spine)
- CPA Australia Book Prize in Fraud, Ethics and Forensic Accounting
- CPA Australia Book Prize in Tax Treaties and Transfer Pricing
- CRC Press Book Prize in Software Design
- CSIT Book Prize in Secured Software Development
- CSIT Outstanding Student Award in Information and Communications Technology (Software Engineering)
- Cyclect Book Prize in Electrical Systems
- DBS Yearly Performance Awards
- Deloitte & Touche Book Prize in Advanced Auditing
- Deloitte & Touche Book Prize in Audit Process
- Deloitte & Touche Book Prize in Financial Accounting
- EPS Computer Systems Book Prize in Web Systems and Technologies
- EPS Computer Systems Outstanding Student Award in Information and Communications Technology (Information Security)
- Fairmont Singapore and Swissôtel The Stamford Book Prize in Strategic Management
- Institute of Materials (East Asia) Book Prize in Materials Science and Engineering
- Institute of Materials (East Asia) Book Prize in Plant Design Project
- Jing King Tech Book Prize in Integrative Team Project
- Jing King Tech Book Prize in Introduction to Software Engineering
- Jumbo Group Book Prize in F&B Management
- Keppel Gold Medals
- Loh Chia Heng Accountancy Award
- Nexia TS Public Accounting Corporation Book Prize in Auditing
- OceanMaster Engineering Book Prize in HVAC 1
- PKF Book Prize in Change Management
- Professor Wu Dao Quan (吴道全教授) Outstanding Engineering Student Award
- PwC's Final Year Accountancy Student Award
- Raffles Hotel Singapore Book Prize in Service Innovation
- Radiology & Co. Book Prize in Clinical Radiography Practice 1
- Rohde & Schwarz Outstanding Student Award in Systems Engineering (ElectroMechanical Systems)
- Rotary Club of Bugis Junction Outstanding Student Award
- Rotary Club of Jurong Town Book Prize in Care Pathways for Long-Term Conditions
- Samwoh Corporation Outstanding Student Award in Civil Engineering
- Singapore Chemical Industry Council Book Prize in Bachelor Thesis
- Singapore Chemical Industry Council Book Prize in Process Safety
- Singapore Computer Society Prize for Final Year Best Capstone Project in Software Engineering
- Singapore Food Manufacturers' Association Book Prize in Plants for Food & Medicinal Use
- SP Group Book Prize in Electrical Systems
- Texas Instruments Singapore Book Prize in Computer Organisation & Architecture
- The Ngee Ann Kongsi Gold Medal (For the Most Outstanding Graduating Student)
- Wing Tai Retail Book Prize in GAM 450
- Yeakin Book Prize for the Top Student in Product Design Engineering
- Zicom Group Outstanding Student Award in Mechatronics

FINANCIAL ASSISTANCE SCHEMES AT A GLANCE

SIT is committed to an admission policy that strives to ensure that students are not denied admission because of financial difficulties. The Admissions Division administers various Financial Assistance Schemes (FAS) to help meet the education expenses of as many eligible students as possible. Students may consider the following FAS to support the payment of Tuition/Miscellaneous fees, Overseas Immersion Programme (OIP) and even personal/living expenses.

SCHEME	ELIGIBILITY	QUANTUM (PER ACADEMIC YEAR)	HOW TO APPLY (DEADLINES WILL APPLY)
TUITION FEE LOAN (TFL)	• SC/SPR/IS^	Up to 90% of subsidised tuition fees payable by SC.	Apply online via IN4SIT* and generate the Application Form to submit to a DBS branch.
SIT STUDY LOAN (SL)	• SC/SPR with a calculated PCI of no more than S$2,700 • IS^ with a calculated PCI of no more than S$1,200	Up to 10% of subsidised tuition fees payable by SC. Student must be in receipt of the TFL in order to receive the SIT Study Loan.	Apply online via IN4SIT* with uploaded supporting documents for income eligibility assessment. (Applicant should have also applied for the TFL.)
CPF EDUCATION SCHEME (CPFES)	• SC/SPR/IS who are in receipt of the MOE TG	Up to 100% of subsidised tuition fees payable; up to 40% of CPF member's Ordinary Account.	Submit an online application through the CPF Board website at www.cpf.gov.sg.
OVERSEAS STUDENT PROGRAMME (OSP) LOAN	• SC/SPR	Up to 80% of full cost of OIP payable by SC. Up to 40% of full cost of OIP payable by SPR.	Apply online via IN4SIT*.
MENDAKI TERTIARY TUITION FEE SUBSIDY (TTFS)	• SC (Malay undergraduates only)	50% to 100% subsidy of subsidised tuition fees; dependent on calculated PCI.	Submit an online application through the MENDAKI website at www.mendaki.org.sg.
POST-SECONDARY EDUCATION ACCOUNT (PSEA)	• SC only	Quantum dependent on funds available in PSEA account.	Download Standing Order or Ad Hoc Withdrawal Form via the SIT website.
CDC/CCC UNIVERSITY BURSARY	• SC only • Calculated PCI no more than S$1,000 or GHI no more than S$4,000	S$3,750 or S$4,000 depending on calculated PCI or GHI.	Apply online via IN4SIT* with uploaded supporting documents for income eligibility assessment.
MOE BURSARY	• SC only • Calculated PCI no more than S$2,250 or GHI no more than S$9,000	S$1,350 or S$2,700 depending on calculated PCI or GHI.	

KEY: SC = Singapore Citizen SPR = Singapore Permanent Resident IS = International Student PCI = Per Capita Income GHI = Gross Household Income

Note: Students have to be enrolled in full-time undergraduate programmes at SIT in order to apply for FAS.

^IS must be in receipt of the MOE TG in order to apply for the TFL and SIT SL.

* IN4SIT refers to SIT's student portal.

Information is correct at the time of print; for more details, please visit **SingaporeTech.edu.sg**.

DONOR-SUPPORTED BURSARIES AND STUDY GRANTS

SIT receives numerous gifts from donors to provide non-bonded bursaries and study grants for undergraduate students with financial needs, subject to fulfilment of eligibility criteria. For details on their respective eligibility criteria, award quantum, usage conditions and application details, please refer to **SingaporeTech.edu.sg**.

DONATED BURSARIES/STUDY GRANTS	RESIDENCY	QUANTUM PER ACADEMIC YEAR (SGD)
ABWIN STUDY GRANT	SC	$5,000
ASCENDAS REAL ESTATE INVESTMENT TRUST (A-REIT) BURSARY	SC	$5,000
ATEO BURSARY	SC	$5,000
BUDDHIST COMPASSION RELIEF TZU CHI FOUNDATION BURSARY	SC/SPR	$8,000
CHOO CHIAU BENG BURSARY	SC	$5,000
DOU YEE ENTERPRISES BURSARY	SC/SPR	$5,000
FIREFENSE BURSARY	ALL	$5,000
FOONG FAMILY BURSARY	SC	$5,000
GIC SPARKS STUDY GRANT	SC	$5,000
GOH BEE GAH BURSARY	SC	$5,000
GOH FOUNDATION ALLOWANCE	SC	$2,000
GOH FOUNDATION BURSARY	SC	$6,250
HOTEL 81 - CHOO CHONG NGEN BURSARY	SC	$5,000
HSH STUDY GRANT	SC	$5,000
HWA STUDY GRANT	SC	$5,000
ICH GEMINI BURSARY	SC	$5,000
JCS-ECHIGO STUDY GRANT	SC	$5,000
JSP STUDY GRANT	SC	$5,000
KEPPEL STUDY GRANT	SC	$5,000
KHOO CHWEE NEO FOUNDATION BURSARY	ALL	$5,000 - $10,000
KWAN IM THONG HOOD CHO TEMPLE	SC	$5,000
LEE FOUNDATION BURSARY	SC/SPR	$6,220
LEE FOUNDATION STUDY GRANT	SC/SPR	Up to $5,000
LEE FOUNDATION EMERGENCY GRANT	SC/SPR	Up to $3,000
LIM CHEW SWEE BURSARY	SC	$5,000
LIM DOA HIN STUDY GRANT	SC	$5,000
LIM FAMILY BURSARY	SC	$10,000
LIONS COMMUNITY SERVICE FOUNDATION BURSARY	SC	$5,000
LIONS COMMUNITY SERVICE FOUNDATION EMERGENCY GRANT	ALL	$2,000
LO CHEE FEI & NG CHOY WAH BURSARY	SC	$7,500
LO HOCK LING BURSARY	SC	$5,000
LOW MING WAH STUDY GRANT	SC	$5,000
MAPLETREE BURSARY	SC	$5,000
MICROCAST BURSARY	SC/SPR	$5,000
OCEAN TANKERS BURSARY	SC	$5,000
Q'SON KITCHEN EQUIPMENT BURSARY	SC	$5,000
ROTARY CLUB OF BUGIS JUNCTION BURSARY	SC/SPR	$5,000
ROTARY CLUB OF JURONG TOWN BURSARY	SC	$5,000
SAMWOH CORPORATION BURSARY	SC/SPR	$5,000
SAMWOH CORPORATION GLOBAL IMMERSION STUDY GRANT	SC/SPR	$5,000

DONOR-SUPPORTED BURSARIES AND STUDY GRANTS

DONATED BURSARIES/STUDY GRANTS	RESIDENCY	QUANTUM PER ACADEMIC YEAR (SGD)
SATS FOUNDATION BURSARY	SC	$5,000
SILENT MINORITY BURSARY	SC (Malay/Indian/Eurasian)	$3,000 - $5,000
SINGAPORE CONTRACTORS ASSOCIATION STUDY GRANT	SC/SPR	$5,000
SINGAPORE LEONG KHAY HUAY KUAN BURSARY	SC	$3,000
SIT BURSARY	SC/SPR	$3,000
S. S. JHUNJHUNWALA - NAUMI HOTEL BURSARY	SC/SPR	$5,000
STEEL.SG STUDY GRANT	SC	$5,000
TAK BURSARY	SC/SPR	$5,000
TEO - TAN FAMILY STUDY GRANT	ALL	$5,000
THE APPLIED MATERIALS BURSARY	SC	$5,000
THE IRELAND FUNDS (SINGAPORE) OVERSEAS IMMERSION PROGRAMME GRANT	SC	$6,000
THOMSON SHIN MIN FOUNDATION BURSARY	SC	$5,000
THYE HONG STUDY GRANT	SC/Malaysian	$5,000
TIONG SENG BURSARY	SC/SPR	$5,000
TME BURSARY	ALL	$5,000
WONG FAMILY BURSARY	SC	$5,000
WONG KWOK LEONG BURSARY	SC	$5,000
WONG SH BURSARY	SC	$5,000
WONG SOOI LOON BURSARY	SC	$5,000
WU PEIHUI BURSARY	SC	$6,000
XIAO DE (孝德) BURSARY	SC/Malaysian	$3,000
XIAO DE (孝德) EMERGENCY FUND	ALL	Up to $5,000 available
YANGZHENG FOUNDATION BURSARY	SC	$6,250
YEAKIN STUDY GRANT	SC	$5,000

KEY: SC = Singapore Citizen SPR = Singapore Permanent Resident

Bursaries and Grants are made possible through philanthropic support.

Information is correct at the time of print; for more details, please visit **SingaporeTech.edu.sg**.

LIST OF DEGREE PROGRAMMES

ENGINEERING

SINGAPORE INSTITUTE OF TECHNOLOGY

- Aircraft Systems Engineering, BEng (Hons)
- Sustainable Infrastructure Engineering (Building Services), MEngTech and BEng (Hons)
- Sustainable Infrastructure Engineering (Land), MEngTech and BEng (Hons)
- Telematics (Intelligent Transportation Systems Engineering), MEngTech and BEng (Hons)

SINGAPORE INSTITUTE OF TECHNOLOGY – DIGIPEN INSTITUTE OF TECHNOLOGY SINGAPORE

- Systems Engineering (ElectroMechanical Systems), BEng (Hons)

SINGAPORE INSTITUTE OF TECHNOLOGY – NEWCASTLE UNIVERSITY

- Electrical Power Engineering, BEng (Hons)
- Marine Engineering, BEng (Hons)
- Mechanical Design and Manufacturing Engineering, BEng (Hons)
- Naval Architecture, BEng (Hons)
- Offshore Engineering, BEng (Hons)

SINGAPORE INSTITUTE OF TECHNOLOGY – UNIVERSITY OF GLASGOW

- Civil Engineering, MEngTech and BEng (Hons)

TECHNICAL UNIVERSITY OF MUNICH

- Electrical Engineering & Information Technology, BSc

UNIVERSITY OF GLASGOW

- Aeronautical Engineering, BEng (Hons)
- Aerospace Systems, BEng (Hons)
- Mechanical Design Engineering, BEng (Hons)
- Mechatronics, BEng (Hons)

CHEMICAL ENGINEERING AND FOOD TECHNOLOGY

SINGAPORE INSTITUTE OF TECHNOLOGY

- Pharmaceutical Engineering, BEng (Hons)

SINGAPORE INSTITUTE OF TECHNOLOGY – MASSEY UNIVERSITY

- Food Technology, BFoodTech (Hons)

SINGAPORE INSTITUTE OF TECHNOLOGY – NEWCASTLE UNIVERSITY

- Chemical Engineering, BEng (Hons)

TECHNICAL UNIVERSITY OF MUNICH

- Chemical Engineering, BSc

INFOCOMM TECHNOLOGY

SINGAPORE INSTITUTE OF TECHNOLOGY

- Information and Communications Technology (Information Security), BEng (Hons)
- Information and Communications Technology (Software Engineering), BEng (Hons)
- Telematics (Intelligent Transportation Systems Engineering), MEngTech and BEng (Hons)

DIGIPEN INSTITUTE OF TECHNOLOGY

- Computer Science and Game Design, BS
- Computer Science in Real-Time Interactive Simulation, BS
- Digital Art and Animation, BFA
- Game Design, BA

UNIVERSITY OF GLASGOW

- Computing Science, BSc (Hons)

HEALTH AND SOCIAL SCIENCES

SINGAPORE INSTITUTE OF TECHNOLOGY

- Diagnostic Radiography, BSc (Hons)
- Occupational Therapy, BSc (Hons)
- Radiation Therapy, BSc (Hons)

SINGAPORE INSTITUTE OF TECHNOLOGY – TRINITY COLLEGE DUBLIN

- Diagnostic Radiography, BSc
- Physiotherapy, BSc (Hons)

SINGAPORE INSTITUTE OF TECHNOLOGY – UNIVERSITY OF GLASGOW

- Nursing, BSc (Hons)

TRINITY COLLEGE DUBLIN

- Occupational Therapy, BSc
- Physiotherapy, BSc
- Radiation Therapy, BSc

UNIVERSITY OF LIVERPOOL

- Criminology and Security, BA (Hons)

DESIGN AND SPECIALISED BUSINESSES

SINGAPORE INSTITUTE OF TECHNOLOGY

- Accountancy, B (Hons)
- Hospitality Business, B (Hons)

THE CULINARY INSTITUTE OF AMERICA

- Food Business Management (Culinary Arts), BBA
- Food Business Management (Baking and Pastry Arts), BBA

THE GLASGOW SCHOOL OF ART

- Communication Design, BA (Hons)
- Interior Design, BA (Hons)

engineering

As the bedrock on which every modern society is built, engineering plays a very important role in all our lives. From tackling vital issues such as delivering clean water and renewable energy to our household and industries, increasing our land size through land reclamation, to improving our quality of life by the invention of innovative and non-invasive medical devices, engineers will always be a mainstay in any developed society. Pervasive connectivity, which enables learning and knowledge sharing anytime and everywhere, has seamlessly penetrated into our daily lives. All these have been attributed to the works of engineers, without whom, we would not be able to do the things we all take for granted.

AIRCRAFT SYSTEMS ENGINEERING

SINGAPORE INSTITUTE OF TECHNOLOGY

DEGREE PROGRAMME
- BEng (Hons)

CAMPUS LOCATION
- SIT@Dover

ELIGIBILITY[1]
- Relevant Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
- Licensed Aircraft Engineer
- Process, Quality and Product Engineer
- Maintenance Planner
- Fleet Manager
- Technical Service/Repair Development Engineer

The Aircraft Systems Engineering programme 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 that intersects engineering, science and practical hands-on approach, the focus of the programme is to produce graduates who are both theoretically grounded and practice-oriented for the aerospace and MRO industries. The curriculum will also incorporate an intensive eight-month Integrated Work Study Programme (IWSP) at SIAEC. In addition to a degree awarded by SIT, successful graduates from this programme will also be awarded a Certificate of Recognition (CoR) by SIAEC. 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. Graduates who decide to embark on a career as a Licensed Aircraft Engineer (LAE) with an MRO in Singapore will be able to acquire their Aircraft Maintenance License (AML) in a shorter time as compared to their peers.

CURRICULUM HIGHLIGHTS
- Aircraft Materials
- Flight Mechanics
- Fixed Wing Systems
- Aircraft Electrical and Cabin System
- Eight-month Integrated Work Study Programme (IWSP)

"With the immense support from SIAEC, the programme will provide students a theoretical and hands-on experience, covering a broad base of engineering, computing and analytical skills as well as specialist aircraft skills, that will prepare them for careers in the exciting Aerospace/ MRO industry. Individuals who aspire to be a Licensed Aircraft Engineer (LAE) will find this programme particularly useful and relevant."

ASSOCIATE PROFESSOR EICHER LOW
Programme Director Designate
Singapore Institute of Technology

SUSTAINABLE INFRASTRUCTURE ENGINEERING
(BUILDING SERVICES)

SINGAPORE INSTITUTE OF TECHNOLOGY

DEGREE PROGRAMMES
- BEng (Hons)
- MEngTech

CAMPUS LOCATIONS
- SIT@Dover
- SIT@SP Building

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
- Design Engineer (with focus on HVAC or other relevant MEP areas)
- BIM Manager
- Facility Manager
- Sustainable Building Consultant
- Building Construction (MEP) Engineer

The Sustainable Infrastructure Engineering (SIE) (Building Services) programme is developed in consultation with the Building and Construction Authority (BCA), Singapore, which encompasses the necessary Mechanical, Electrical, and Plumbing (MEP) engineering trainings with focus on the delivery of sustainable buildings while being environmentally responsible. It also develops students' lifelong skills to ensure they stay relevant in the building services engineering industry in Singapore and beyond. Students will go through rigorous academic training conducted by highly qualified professors and professional officers, as well as a 12-month Integrated Work Study Programme (IWSP) in the industry.

CURRICULUM HIGHLIGHTS
- Building Information Modelling (BIM)
- Sustainable Building Engineering
- Heating, Ventilation and Air-Conditioning (HVAC)
- Fire Engineering and Management
- 12-month Integrated Work Study Programme (IWSP)

Students who perform well in the BEng (Hons) programme may proceed to pursue the Master of Engineering Technology degree (MEngTech). Students may also obtain professional certifications in Green Mark Certification, Fire Services Safety Management and Workplace Safety and Health.

"Sustainable building delivery practice is the only way forward in view of the world's finite resources available to meet human needs. Join our programme to shape the future of our city infrastructure."

PROFESSOR SIMON YU
Programme Director
Singapore Institute of Technology

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

SUSTAINABLE INFRASTRUCTURE ENGINEERING *(LAND)*

SINGAPORE INSTITUTE OF TECHNOLOGY

DEGREE PROGRAMMES
- BEng (Hons)
- MEngTech

CAMPUS LOCATIONS
- SIT@Dover
- SIT@SP Building

ELIGIBILITY [1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES

Graduates can look forward to careers in various land transport organisations such as:
- LTA
- SMRT
- SBS Transit
- Sembcorp Industries
- Keppel Group
- Singapore Technologies

The Sustainable Infrastructure Engineering (SIE) (Land) degree is a multidisciplinary programme comprising various fundamental engineering disciplines, such as railway, mechanical, electrical, and electronic engineering. This programme nurtures individuals to achieve excellence in the ever-changing world of land transport industry. Students will undergo rigorous academic training provided by highly qualified professors while immersing themselves in the land transport industry through work-study stints with established organisations such as LTA, SMRT, SBS Transit, Sembcorp Industries, Keppel Group, and Singapore Technologies.

CURRICULUM HIGHLIGHTS
- Railway Signalling and Communications
- Rolling Stock and Permanent Way Systems
- Total Preventive Maintenance
- Non-Destructive Testing (NDT)
- Capstone Project
- 12-month Integrated Work Study Programme (IWSP)

Students who perform well in the BEng (Hons) programme may proceed to pursue the Master of Engineering Technology degree (MEngTech). This unique curriculum design also allows students to attain the professional NDT Level II or NDT Level III (Partial) certification.

"Embarking on this uniquely multidisciplinary programme, with railway engineering and total preventive maintenance, allows you to shape a sustainable land infrastructure for the nation."

PROFESSOR SIMON YU
Programme Director
Singapore Institute of Technology

TELEMATICS *(INTELLIGENT TRANSPORTATION SYSTEMS ENGINEERING)*

SINGAPORE INSTITUTE OF TECHNOLOGY

DEGREE PROGRAMMES
- BEng (Hons)
- MEngTech

CAMPUS LOCATION
- SIT@Dover

ELIGIBILITY [1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
- Engineer (Design/Application/ Network/Telematics/ Technology Integration)
- Software Engineer
- Engineer (Intelligent Transportation Systems)
- Project Manager/ Officer/Engineer

A first-of-its-kind degree offered in Singapore, the Telematics (Intelligent Transportation Systems Engineering) programme has been developed with various organisations in the land transport industry including LTA, Singapore Technologies, National Computer Systems and companies in the automotive industry such as Continental Automotive Singapore Pte Ltd. Students will be equipped with electrical engineering and computer science core skills and 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 goal to become the world's first Smart Nation, students 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 Communications
- Transport Management
- Group Design Project
- Eight-month Integrated Work Study Programme (IWSP)

Students who perform well in the BEng (Hons) programme may proceed to pursue the Master of Engineering Technology degree (MEngTech).

"Embark on a unique programme, supported by the land transport and automotive industry that will bring new opportunities for growth and breakthroughs in shaping the future of transportation systems."

ASSOCIATE PROFESSOR ZHENG JIANXIN
Programme Director
Singapore Institute of Technology

SYSTEMS ENGINEERING *(ELECTROMECHANICAL SYSTEMS)*

Jointly offered by SIT and DigiPen Institute of Technology Singapore, the Systems Engineering (ElectroMechanical Systems) programme — SEEMS, is a multidisciplinary programme that integrates mechanical, electrical, electronic and computer engineering through systems engineering. Students are trained to develop complex engineered systems made up of hardware, software and people. Using a project-based pedagogy, students learn, integrate and apply what they learn, to solve complex industrial problems that will provide them the versatility to adapt to an evolving technological environment.

DEGREE PROGRAMME
- BEng (Hons)

CAMPUS LOCATIONS
- SIT@Dover
- SIT@SP Building

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
- Systems Engineer
- Project Engineer
- Mechatronics Engineer
- Design Engineer
- Software Engineer

CURRICULUM HIGHLIGHTS
- Foundation Studies in Physics, Mathematics and Communication Skills
- Mechatronics and Software Engineering
- Systems Engineering and Project Management
- Eight- to 12-month Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

"Learn, integrate and apply knowledge and skills to create complex systems."

ASSOCIATE PROFESSOR LIEW PAK SAN
Programme Director
Singapore Institute of Technology

ELECTRICAL POWER ENGINEERING

As the first dedicated electrical power engineering programme in Singapore, this joint degree offered by SIT and Newcastle University (NU) aims to educate engineers to a standard which will enable them to provide a substantial and lasting contribution to their profession. The curriculum is customised to meet local industry demand and is in line with Singapore's Smart Nation initiative. This degree will equip students with the necessary technical competence, tools and personal skills, as well as develop their understanding, expertise and professionalism as they progress through their career.

DEGREE PROGRAMME
- BEng (Hons)

CAMPUS LOCATION
- SIT@NYP Building

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
Graduates can look forward to careers in these areas:
- Power Generation Industry
- Utilities Companies
- Transport Industry
- Marine-Electrical Industry
- Oil and Gas Industry
- Consultancy Companies
- Research and Development

CURRICULUM HIGHLIGHTS
- Generation, Transmission and Distribution
- Renewable Energy Systems
- High Voltage Technology
- Electrical Machines and Generators
- Power Electronics
- State Space Analysis and Controller Design
- 26-week Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

"Industry exposure and opportunities are constantly provided to students of the degree programme. Individual talents are recognised and given room to grow to better fit the market requirements."

DEREK NG ZHI HAO
Graduate (2017)
Electrical Power Engineering, BEng (Hons)
Newcastle University

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

MARINE ENGINEERING/NAVAL ARCHITECTURE/ OFFSHORE ENGINEERING

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 a comprehensive knowledge of the industry is needed to retain a competitive edge. These joint degree programmes offered by SIT and Newcastle University (NU) are unique in providing students with specialisations in Marine Engineering, Naval Architecture and Offshore Engineering, which will equip them with expertise in marine engineering and technology and provide a holistic view of the global maritime industry.

DEGREE PROGRAMME
- BEng (Hons)

CAMPUS LOCATIONS
- SIT@Dover
- SIT@NP Building

ELIGIBILITY [1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
Graduates can look forward to careers in:
- Shipbuilding and Rigbuilding Yards
- Classification Societies
- Republic of Singapore Navy
- Oil and Gas Companies
- Maritime Port Authority

CURRICULUM HIGHLIGHTS
- Naval Architecture
- Marine Structures
- Ship Resistance and Propulsion
- Marine Transport Business
- Advanced Ship and Offshore Hydrodynamics
- Drilling Engineering
- Knowledge of Classification Society
- Internal Combustion Engines
- 26-week Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

"The qualifications achieved from these marine programmes are highly regarded by their peers and our graduates are always sought after by local industries and MNCs."

DR IVAN CK TAM
Director of Operations and Associate Professor
Newcastle University

MECHANICAL DESIGN AND MANUFACTURING ENGINEERING

The SIT and Newcastle University (NU) joint degree in Mechanical Design and Manufacturing Engineering (MDME) aims to educate students with a multidisciplinary mix of general and specialised engineering skills that are highly sought after by the industry. The programme curriculum covers all aspects of the core disciplines in mechanical engineering, which extends to mechatronic systems and manufacturing principles to meet industry demands in robotics, automation and productivity enhancement. Students will learn and be equipped with transferable skills to perform in-depth analysis of engineering problems and apply practical solutions for the manufacturing economy.

DEGREE PROGRAMME
- BEng (Hons)

CAMPUS LOCATION
- SIT@NYP Building

ELIGIBILITY [1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
- Engineer (Mechanical/ Mechatronic/Manufacturing/ Design/QA/R&D)
- Professional Officer/Consultant in Commercial and Public Sectors
- Project Manager

CURRICULUM HIGHLIGHTS
- Materials and Manufacturing
- Lean Manufacturing and Six Sigma
- Robotics and Industrial Automation
- Design of Mechanical Systems
- Applications of Thermofluids
- 26-week Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

"I'll always be thankful to the staff and lecturers in this programme who had put in their efforts to motivate and guide me to excel."

NAMI OKUBO
Graduate (2015)
Mechanical Design and Manufacturing Engineering, BEng (Hons)
Newcastle University

CIVIL ENGINEERING

SINGAPORE INSTITUTE OF TECHNOLOGY

University of Glasgow

DEGREE PROGRAMMES
- BEng (Hons) – Jointly offered by SIT and the University of Glasgow (UofG)
- MEngTech

CAMPUS LOCATION
- SIT@Dover

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES

Graduates can look forward to careers in these areas:
- Building and Construction
- Engineering Design Consultancy Firms
- Facility Operators
- Government Agencies
- Property Developers

With a strong industry-focussed curriculum, the SIT-University of Glasgow (UofG) Civil Engineering programme will equip students with the practical knowledge and skills to plan, design, construct, maintain and operate infrastructures including roads, rail, bridges, buildings, canals, ports and underground structures. Students will also acquire deeper skill sets by specialising in structural engineering, geotechnical engineering or rail engineering at the graduate level. Both the bachelor's and master's degree programmes will be submitted as a package to the Engineering Accreditation Board of Singapore for accreditation and is expected to meet all academic requirements with the Professional Engineers Board (PEB) and government agencies.

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)

Students who perform well in the BEng (Hons) programme may proceed directly to pursue the Master of Engineering Technology degree (MEngTech).

"Through a heavy emphasis on project based applied learning and industrial immersion, this programme aims to produce industry-ready graduates who are equipped with a high level of technical expertise to address multidisciplinary challenges, providing technically sound, economically feasible and sustainable solutions to civil engineering problems."

PROFESSOR CHIEW SING-PING
Programme Director
Singapore Institute of Technology

ELECTRICAL ENGINEERING & INFORMATION TECHNOLOGY

TUM Asia

DEGREE PROGRAMME
- BSc

CAMPUS LOCATION
- SIT@SP Building

ELIGIBILITY[1]
- Relevant Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
- Communication Engineer
- Control and Automation Engineer
- Electronics Engineer
- Enterprise Architect
- Project Consultant/Manager

Based on the five pillars of Electrical Engineering and Information Technology — electrical engineering, information technology, mathematics, physics and signals and systems, this interdisciplinary programme broadens the educational scope to meet today's evolving challenges. In this digital age where technical innovations greatly influence our everyday life, students will be offered a head start in fundamental engineering principles and application-based skills in innovative product development. Students will have a choice of specialisation in Microelectronics, Integrated Circuit Design or Automation.

CURRICULUM HIGHLIGHTS
- Algorithms and Data Structures
- Circuit Theory
- Computer Technology
- Communication Engineering
- Control Engineering
- Digital Technology
- Electronic Devices
- Overseas Immersion Programme (OIP)

"I was curious about how technological wonders could be accomplished through innovations in Electrical Engineering. It led me to pursue a Bachelor's degree in the same field at TUM's Singapore campus. The knowledge I have gained has prepared me with the skills to support my company and contribute to the development of Singapore's infrastructure."

TAN QI SHENG
Graduate (2015)
Electrical Engineering & Information Technology, BSc
Technical University of Munich

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

AERONAUTICAL ENGINEERING

University of Glasgow

DEGREE PROGRAMME
- BEng (Hons)

CAMPUS LOCATION
- SIT@SP Building

ELIGIBILITY[1]
- Relevant Polytechnic Diploma Holders

CAREER OPPORTUNITIES
Graduates can look forward to careers in these areas:
- Airframe
- Propulsion
- Renewable Energy
- Automotive
- Oil and Gas

Aeronautical Engineering is a highly-advanced discipline that explores how flight is possible and how flying vehicles are designed, powered, operated and controlled. This programme will enable students to analyse and understand the vehicles' behaviour, performance, propulsion and power systems, as well as perform detailed designs of structural components.

CURRICULUM HIGHLIGHTS
- Aerodynamics and Fluid Mechanics
- Aircraft Structures and Materials
- Aircraft Structural Analysis and Design
- Propulsion and Turbomachinery
- Overseas Immersion Programme (OIP)

"This is a challenging programme to pursue and will empower students with advanced concepts of aerodynamics such as high-speed aerodynamics. Students will look back with a great sense of fulfilment and achievement as they enter the aerospace industry with a strong foundation."

ASSOCIATE PROFESSOR EICHER LOW
Programme Director
Singapore Institute of Technology

AEROSPACE SYSTEMS

University of Glasgow

DEGREE PROGRAMME
- BEng (Hons)

CAMPUS LOCATION
- SIT@SP Building

ELIGIBILITY[1]
- Relevant Polytechnic Diploma Holders

CAREER OPPORTUNITIES
Graduates can look forward to careers in these areas:
- UAV
- Defence
- Payload
- Avionics Development

All modern aircraft, from airliners to micro unmanned systems, rely on complex and comprehensive onboard systems. This programme requires students to bring together concepts from aeronautical, electrical and systems engineering to understand how these systems are designed, implemented and operated, as well as their effects on the operation, performance and safety of aerospace vehicles.

CURRICULUM HIGHLIGHTS
- Aerospace Systems
- Team Design Project
- Electromagnetic Compatibility
- Aerospace Control
- Navigation Systems
- Overseas Immersion Programme (OIP)

"Comprehensive and engaging, the Aerospace Systems programme is very well-planned and has provided me with the essential knowledge about the related field. The assignments enabled me to showcase what I have learnt."

SHAWNDY MICHAEL LEE
Graduate (2017)
Aerospace Systems, BEng (Hons)
University of Glasgow

MECHANICAL DESIGN ENGINEERING

University of Glasgow

DEGREE PROGRAMME
- BEng (Hons)

CAMPUS LOCATION
- SIT@NP Building

ELIGIBILITY [1]
- Relevant Polytechnic Diploma Holders

CAREER OPPORTUNITIES
- R&D Mechanical Design Engineer
- Development Engineer (Mechanical Design)
- Mechanical Design Engineer (CAD/Automation)
- Project Manager

With the need to keep up with industrial challenges and greener demands, this programme aims to produce creative engineers with the capabilities and aptitude for the design of novel engineering products, especially in key industries in Singapore such as aerospace, industrial automation, maritime and healthcare. Through a combination of mechanical engineering and studio-based projects, students will be equipped with the knowledge, understanding and skills for mechanical engineering and design with greener concepts, technologies and methodologies.

CURRICULUM HIGHLIGHTS
- Engineering Design
- Design and Manufacture
- Mechanics of Materials and Structures
- Dynamics and Control
- Team and Individual Projects
- Mechanics of Solids and Structures
- Mechanical Design
- Advanced Materials Technology
- Overseas Immersion Programme (OIP)

"These two years will not be easy going. The most important thing is not to give up because every challenge is an opportunity for you to discover your potential."

CHIN CHUN WEI
Graduate (2017)
Mechanical Design Engineering, BEng (Hons)
University of Glasgow

MECHATRONICS

University of Glasgow

DEGREE PROGRAMME
- BEng (Hons)

CAMPUS LOCATION
- SIT@NP Building

ELIGIBILITY [1]
- Relevant Polytechnic Diploma Holders

CAREER OPPORTUNITIES
- Mechatronics Engineer (Automation/Machine Design)
- Software Engineer (Robotics Automation)
- Equipment Engineer
- Project Manager

Mechatronics is an interdisciplinary field of engineering that encompasses high-level synergistic and functional integration of mechanical engineering, electrical/electronics engineering, computer and software engineering. It involves the research, design, implementation and manufacturing of intelligent engineered systems for smart products and processes. Through this programme, students will be equipped with the knowledge, understanding and skills for mechanical engineering with electronics and intelligent computer control in the optimal design and manufacture of greener industrial products and processes. As an industry-focussed programme, students will have various career opportunities to meet the increasing demand in greener products and processes, sustainable manufacturing, smart homes and buildings, and intelligent aids for the elderly and disabled.

CURRICULUM HIGHLIGHTS
- Electronic System Design
- Real-Time Computer Systems
- Mechanics of Materials and Structures
- Engineering Design
- Dynamics and Control
- Team and Individual Projects
- Autonomous Vehicle Guidance Systems
- Robotics
- Overseas Immersion Programme (OIP)

"The UofG journey taught me to be independent and has developed my sense of responsibility. The challenges faced in my journey have made me more resilient, and at the same time, enhanced my passion towards the field which are important for any engineer. As technology advances, our role as engineers will be filled with countless demands and UofG equipped me to be ready for the road that lies ahead."

MUHAMMAD HAZIQ BIN ZAINI
Graduate (2017)
Mechatronics, BEng (Hons)
University of Glasgow

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

chemical | food

engineering and technology

Mankind's reliance on food, chemicals and medicinal drugs is inevitable. With Singapore being resource-scarce, it is crucial for us to develop expertise in chemical and pharmaceutical engineering as well as food technology to sustain both the growth of our population and the economy. These sectors provide careers with lots of opportunities for innovation, where new sources of sustenance can be developed and old ones improved upon, and collaborative partnership with other disciplines to solve tomorrow's complex changes. The pharmaceutical, chemical and food industries are constantly on the lookout for the next efficacious drug, alternative energy that is sustainable and economical, and new and healthier food products.

PHARMACEUTICAL ENGINEERING

SINGAPORE INSTITUTE OF TECHNOLOGY

DEGREE PROGRAMME
- BEng (Hons)

CAMPUS LOCATION
- SIT@Dover

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
Besides the pharmaceutical industry, graduates can look forward to careers in these areas:
- Chemicals
- Biotechnology and Life Sciences
- Nutraceuticals
- Flavours and Fragrances

As the first Pharmaceutical Engineering (PharmE) programme in Singapore, this programme is built on an interdisciplinary curriculum that integrates engineering, life science and chemistry with industry focus. The goal of this programme is to produce graduates who are both theoretically-grounded and practice-oriented for the knowledge-intensive pharmaceutical industry and related sectors. Distinguished by a curriculum that is strongly girded with cutting-edge, industry-compliant concepts and know-how, students will be trained in core competencies in the development and manufacture of the two largest classes of pharmaceutical drugs — biologics and small molecule drugs. Subsequently, they will be trained in the full spectrum of skill sets pertinent to drug manufacturing.

CURRICULUM HIGHLIGHTS
- Current Good Manufacturing Practice
- Operational Excellence
- Plant Design and Operation
- Process Automation, Monitoring and Control
- Process/Bio Safety
- Process Validation and Quality by Design
- Eight-month Integrated Work Study Programme (IWSP)

"The translational nature of the PharmE programme will allow students to readily apply their engineering and science knowledge in the highly advanced and regulated pharmaceutical manufacturing environment, thus grooming graduates who can make impactful contributions to industry from day one."

ASSOCIATE PROFESSOR LIM KOK HWA
Programme Director
Singapore Institute of Technology

FOOD TECHNOLOGY

SINGAPORE INSTITUTE OF TECHNOLOGY

MASSEY UNIVERSITY
TE KUNENGA KI PŪREHUROA
UNIVERSITY OF NEW ZEALAND

DEGREE PROGRAMME
- BFoodTech (Hons)

CAMPUS LOCATION
- SIT@Dover

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
Graduates can look forward to careers in these areas:
- Food Manufacturing
- Product Development
- Quality Control and Assurance
- Food Microbiology and Safety
- Sensory, Nutrition and Regulatory

The SIT-Massey University joint degree programme in Food Technology offers a curriculum focussed on Food Product Technology, 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, they will learn how to apply scientific and engineering principles, as well as recognise and create what is needed in the marketplace. They will also gain entrepreneurial skills, with various opportunities to approach real challenges through projects that focus on industry-relevant problems and solutions, and obtain work experience in food processing plants through SIT's unique Integrated Work Study Programme (IWSP).

CURRICULUM HIGHLIGHTS
- Food Microbiology and Safety
- Food Characterisation
- Food Packaging Engineering and Legislation
- Process Engineering Operation
- Food Technology Project
- Innovative Food Design and Development
- 28-week Integrated Work Study Programme (IWSP)

"Gain an integrated understanding of food science and the way it is applied through technology and business in actual manufacturing scenarios while embarking on a unique opportunity to work on industry projects and solve real world problems."

ASSOCIATE PROFESSOR LIM BEE GIM
Programme Director
Singapore Institute of Technology

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

CHEMICAL ENGINEERING

SINGAPORE INSTITUTE OF TECHNOLOGY

Newcastle University
UK | Malaysia | Singapore

DEGREE PROGRAMME
- BEng (Hons)

CAMPUS LOCATIONS
- SIT@Dover
- SIT@NP Building

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
Graduates can look forward to careers in these areas:
- Oil and Gas Processing
- Petrochemicals
- Fine Chemicals
- Pharmaceutical Manufacturing
- Waste and Water Management

This joint degree programme, offered by SIT and Newcastle University (NU), provides students with a coherent understanding of chemical engineering, combining a sound theoretical foundation with practical experience and an awareness of social and environmental responsibilities. The programme is oriented towards the impact of industry on the environment and is concerned with ensuring that process solutions are economically viable. Students will be equipped with the skills to become a professional chemical or process engineer in the industry, or follow a postgraduate route into a research, industrial or academic career.

CURRICULUM HIGHLIGHTS
- Reactor Engineering
- Process Control
- Renewable Energy Technologies
- Sustainable Design and Manufacture
- Chemical Process Optimisation
- Plant Design Project
- 26-week Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

"Gain your industry-relevant chemical engineering qualifications in a friendly and student-centred environment."

DR THAM MING TAN
Director of Operations
Newcastle University

CHEMICAL ENGINEERING

TUM Asia

DEGREE PROGRAMME
- BSc

CAMPUS LOCATION
- SIT@SP Building

ELIGIBILITY[1]
- Relevant Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
- Chemical and Research Engineer
- Process/Production/ Quality Engineer
- Research Scientist

Chemical engineering and process engineering involve the conversion of basic raw materials into a wide variety of useful intermediate or end products such as fuels, cosmetics, dyes, foods and medical preparations. In addition to improving existing processes, TUM Chemical Engineering students will also learn to develop new process engineering applications in response to changes in safety and environmental protection requirements.

CURRICULUM HIGHLIGHTS
- Inorganic, Analytical and Organic Chemistry Lab Courses
- Chemical Thermodynamics and Kinetics
- Chemical Engineering Principles
- Thermal Process Engineering
- Biochemical and Mechanical Process Engineering
- Chemical and Process Engineering Lab Courses
- Overseas Immersion Programme (OIP)

"The TUM Bachelor programme provided me an all-rounded education and prepared me well for the working world. One memorable experience that I had was during our Overseas Immersion Programme in Munich, Germany, which taught me the importance of seizing opportunities to learn and experience new things."

NOOR SHAZWANI BTE MD MOHSIN
Graduate (2017)
Chemical Engineering, BSc
Technical University of Munich

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

infocomm technology

As Singapore propels forward into a future that entails an increasing level of inter-connectivity to each other and to the world at large, the needs of our population rest on information and communication technology. Being continuously 'plugged in' to information enables society to keep abreast of change and, in some instances, to even anticipate and predict the next game-changing technology. At the same time, the realities of remaining connected mean that our systems are vulnerable to external threats. Thus, the ICT industry offers many opportunities for developers/creators as well as the more pragmatic professionals who are mindful of keeping us safe from potential threats.

INFORMATION AND COMMUNICATIONS TECHNOLOGY *(INFORMATION SECURITY)*

SINGAPORE INSTITUTE OF TECHNOLOGY

DEGREE PROGRAMME
- BEng (Hons)

CAMPUS LOCATION
- SIT@NYP Building

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
- Information Security Analyst/Professional
- Cyber Security Specialist
- Pen-tester
- Information Security Consultant

The first information security degree to be offered by a local autonomous university, this programme is designed to provide students with the necessary industry-relevant knowledge and practical technical skills. The curriculum is based on three key attributes — being highly-specialised, practice-oriented and industry-focussed. Building on core computer science fundamentals, specialised in-depth knowledge and technical skills, the curriculum adopts a holistic approach towards information security, covering the offense, defence, prevention and protection as well as the management and governance of infocomm systems. Students will also have opportunities to work on real industry problems and embark on a 12-month Integrated Work Study Programme (IWSP) in their final year.

CURRICULUM HIGHLIGHTS
- Ethical Hacking
- 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)

"Cyber threats are becoming increasingly sophisticated and assets worth billions are at risk. Thus, there is a growing demand for Information Security professionals. This programme provides you with the education and training that will allow you to embark on this exciting career path."

ASSOCIATE PROFESSOR STEVEN WONG
Programme Director
Singapore Institute of Technology

INFORMATION AND COMMUNICATIONS TECHNOLOGY *(SOFTWARE ENGINEERING)*

SINGAPORE INSTITUTE OF TECHNOLOGY

DEGREE PROGRAMME
- BEng (Hons)

CAMPUS LOCATION
- SIT@NYP Building

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma 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-focussed approach, this programme will teach students 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 Curricula for Software Engineering. Through close industry links, students also get to develop and architect enterprise-grade software across a range of devices and systems from embedded systems and mobile devices to cloud-based solutions. They will also work on real industry problems and embark on a 12-month Integrated Work Study Programme (IWSP) in their final year.

CURRICULUM HIGHLIGHTS
- Secure Software Development
- Distributed Systems Programming
- Mobile Application Development
- Software Design and Management
- Software Verification, Validation, Testing and Optimisation
- Integrative Team Project with Industry
- 12-month Integrated Work Study Programme (IWSP)

"This programme covers not only programming, but the entire software engineering lifecycle in a practical way so that you can engineer software systems that will effectively and efficiently support the essential needs of nearly every aspect of our lives."

ASSOCIATE PROFESSOR STEVEN WONG
Programme Director
Singapore Institute of Technology

TELEMATICS *(INTELLIGENT TRANSPORTATION SYSTEMS ENGINEERING)*

SINGAPORE INSTITUTE OF TECHNOLOGY

DEGREE PROGRAMMES
- BEng (Hons)
- MEngTech

CAMPUS LOCATION
- SIT@Dover

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
- Engineer (Design/Application/ Network/Telematics/ Technology Integration)
- Software Engineer
- Engineer (Intelligent Transportation Systems)
- Project Manager/Officer/Engineer

A first-of-its-kind degree offered in Singapore, the Telematics (Intelligent Transportation Systems Engineering) programme has been developed with various organisations in the land transport industry including LTA, Singapore Technologies, National Computer Systems and companies in the automotive industry such as Continental Automotive Singapore Pte Ltd. Students will be equipped with electrical engineering and computer science core skills and 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 goal to become the world's first Smart Nation, students 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 Communications
- Transport Management
- Group Design Project
- Eight-month Integrated Work Study Programme (IWSP)

Students who perform well in the BEng (Hons) programme may proceed to pursue the Master of Engineering Technology degree (MEngTech).

"Embark on a unique programme, supported by the land transport and automotive industry that will bring new opportunities for growth and breakthroughs in shaping the future of transportation systems."

ASSOCIATE PROFESSOR ZHENG JIANXIN
Programme Director
Singapore Institute of Technology

COMPUTER SCIENCE AND GAME DESIGN

DigiPen INSTITUTE OF TECHNOLOGY SINGAPORE

DEGREE PROGRAMME
- BS

CAMPUS LOCATION
- SIT@SP Building

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
- Software Development Engineer
- Gameplay Programmer
- System Designer
- Game Designer

The Computer Science and Game Design programme combines game design theory and practice with coursework in computer science, mathematics and physics. In this programme, students learn to leverage on the technical tools and processes used by professional designers, including scripting languages, level and map editors and databases, while designing, prototyping and iterating their projects in a collaborative, deadline-driven environment. The result is a proficient computer scientist and designer who has mastered the intersection of technology and design.

CURRICULUM HIGHLIGHTS
- Game History
- Game Implementation Techniques
- Advanced C/C++
- Operating Systems I, Man-Machine Interface
- Artificial Intelligence for Games
- Introduction to Psychology
- Overseas Immersion Programme (OIP)

"Teaching at DigiPen is a calling, not a job. The students here have a dedication and commitment to learning that is truly world class. As an instructor, I have the great responsibility of taking enthusiastic students and forging them into elite professional game developers. The standards are high, and not a single day can be wasted. But for anyone who is passionate about game design, there is no better place to be."

BEN ELLINGER
Programme Director and Vice President of Software Production
DigiPen Institute of Technology

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

COMPUTER SCIENCE IN REAL-TIME INTERACTIVE SIMULATION

DigiPen INSTITUTE OF TECHNOLOGY SINGAPORE

DEGREE PROGRAMME
- BS

CAMPUS LOCATION
- SIT@SP Building

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
- Software Analyst
- Computer Scientist
- Game Engine Developer
- Software Engineer

The Real-Time Interactive Simulation programme is a computer science degree focussing on developing, implementing, and programming complex interactive simulations and computer graphics in real-time. This programme uses game development as a tool for teaching advanced computer science concepts. Students begin with a solid foundation in mathematics, physics and programming then apply that knowledge in yearly team-based projects where they design, programme test, and finally release their own original game software to the public. Those who successfully complete the programme will have the knowledge and skills to produce highly complex software systems at a professional level.

CURRICULUM HIGHLIGHTS
- High-Level Programming II – The C++ Programming Language
- Operating Systems 1: Man-Machine Interface
- Computer Networks I, Interprocess Communication
- Game Implementation Techniques
- Overseas Immersion Programme (OIP)

"It takes passion, discipline and determination for students to be successful here as this degree is highly theoretical and academic. In addition, students apply what they learn in real world projects that simulate actual industry conditions. As a matter of fact, we tell our students that their first day at DigiPen is equivalent to their first day at work."

SAMIR ABOU SAMRA
Programme Director
Chief Technology Officer – International
DigiPen Institute of Technology

DIGITAL ART AND ANIMATION

DigiPen INSTITUTE OF TECHNOLOGY SINGAPORE

DEGREE PROGRAMME
- BFA

CAMPUS LOCATION
- SIT@SP Building

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
- Character Animator
- Concept Artist
- Illustrator
- Storyboard Artist

The Digital Art and Animation programme offers 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 students how to use current software, this programme focusses on developing foundational skills that remain valuable and useful regardless of the technology or medium. Graduates of this programme have 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)

"It's a popular misconception that great artists are born with innate talent. DigiPen's BFA programme has proven again and again that 'talent' is born out of focus and discipline, process and iteration, passion and sacrifice. There is no easy path to success in applied arts — one must be creative on demand and often under stringent deadlines. To prepare students for the realities of this industry, we challenge them to think critically, inspire them to innovate and above all, demand that they execute."

JAZNO FRANCOEUR
Programme Director
DigiPen Institute of Technology

GAME DESIGN

DigiPen INSTITUTE OF TECHNOLOGY SINGAPORE

DEGREE PROGRAMME
- BA

CAMPUS LOCATION
- SIT@SP Building

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
- Game Designer
- System Designer
- Level Designer
- User Interface Designer

The Game Design programme combines the theory and practice of game design and user experience with coursework in the humanities, social science, art and the fundamentals of mathematics and computer science. Students learn about the artistic and narrative principles that make interactive experiences both intuitive and compelling, as well as the tools and processes that professional designers use to implement, test, and refine their ideas in a real world production environment. The result is a skilled designer who has a deeper knowledge of how writing, art and the social sciences all come into play when creating games, interfaces and other interactive experiences.

CURRICULUM HIGHLIGHTS
- Game Mechanics
- Introduction to Applied Math and Physics
- 2D Game Design
- 3D Game Design
- Cognitive Psychology
- Introduction to 3D Production for Designers
- Overseas Immersion Programme (OIP)

"No one should underestimate the positive impact that games and other interactive experiences can have, especially when well designed. Everything must be carefully crafted, with every interaction fitting into a seamless cycle of input, feedback, and understanding. Our job is to first teach design students how to see what is actually happening at each moment of an experience. Once they can see, we can teach them to create."

BEN ELLINGER
Programme Director and Vice President of Software Production
DigiPen Institute of Technology

COMPUTING SCIENCE

University of Glasgow

DEGREE PROGRAMME
- BSc (Hons)

CAMPUS LOCATION
- SIT@RP Building

ELIGIBILITY[1]
- Relevant Polytechnic Diploma Holders

CAREER OPPORTUNITIES
- Software Engineer/Programmer/ Developer/Consultant
- IT Project Manager/Officer/Engineer
- System Engineer/Administrator/ Analyst
- Cyber Security Analyst/Engineer
- Mobile Application Developer

Computing Science is the study of information, computation and computational thinking. In this programme, students will learn wide-ranging topics from programming, engineering large software systems to the design and evaluation of human-computer interfaces, algorithms, computer and network systems, information retrieval and storage systems. By intertwining theory and practice of computing, students will gain a deep understanding of a broad range of computer science topics that will enable a good stead in their professional careers.

CURRICULUM HIGHLIGHTS
- Advanced Programming
- Mobile Human Computer Interaction
- Cyber Security Fundamentals
- Professional Software Development
- Big Data
- Team Project and Individual Project
- Overseas Immersion Programme (OIP)

"The past two years has been challenging yet fulfilling. Learning how to be even more self-reliant, in terms of learning, has allowed me to grow as a person. These are all possible due to our great lecturers, especially my FYP mentor – Dr Sye Loong, who has been patiently guiding me. Having the chance to travel to Glasgow has also been an eye-opening experience for me."

HAN YI CHOU
Graduate (2017)
Computing Science, Bsc (Hons)
University of Glasgow

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

health and social sciences

Like many other developed nations, Singapore is coping with an ageing population. As our population ages, the demands on our healthcare system will continue to increase. There is always the need for a pool of healthcare professionals to provide care for our people. This is more than just a career, it is a calling.

DIAGNOSTIC RADIOGRAPHY

SINGAPORE INSTITUTE OF TECHNOLOGY

DEGREE PROGRAMME
- BSc (Hons)

CAMPUS LOCATION
- SIT@Dover

ELIGIBILITY[1]
- Relevant Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
Graduates can be employed as diagnostic radiographers in a variety of settings, such as
- Hospitals
- Medical Centres
- Clinics

The SIT Diagnostic Radiography programme is a four-year, direct honours degree programme that prepares graduates for the role of a professional radiographer. It is the only diagnostic radiography programme among autonomous universities in Singapore. The curriculum is developed in close consultation with the radiography industry to ensure relevance and graduates' employability. The programme will seek accreditation from 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
- Image Interpretation
- Research – Critical Appraisal of Literature
- Clinical Radiographic Practice

"The SIT Diagnostic Radiography programme focusses on applied learning, patient-centred care and integration of knowledge and practice. It prepares graduates holistically in areas including clinical competency, evidence-informed practice, professionalism, communication and interprofessional collaboration."

ASSISTANT PROFESSOR ERIC CHUA
Programme Director
Singapore Institute of Technology

OCCUPATIONAL THERAPY

SINGAPORE INSTITUTE OF TECHNOLOGY

DEGREE PROGRAMME
- BSc (Hons)

CAMPUS LOCATION
- SIT@Dover

ELIGIBILITY[1]
- Relevant Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
Graduates can be employed as occupational therapists in a variety of settings, such as:
- Acute Hospitals
- Community Hospitals
- Rehabilitation Centres
- Voluntary Welfare Organisations
- Special Schools/Preschools
- Nursing Homes
- Private Practices
- Government Agencies

This four-year programme is designed to provide an excellent educational experience in the theory and practice of occupational therapy. Upon successful completion of academic courses and clinical practice education, students will have the knowledge, skills and attitudes to support contemporary development and delivery of occupational therapy, meeting the evolving needs of Singapore's population. Through SIT's applied learning pedagogy, students will develop higher-order thinking and clinical reasoning skills. They will also gain critical appraisal and research skills and complete an honours thesis research project. Graduates who meet the requirements of the Allied Health Professions Council (AHPC) will be able to work in a wide variety of settings.

CURRICULUM HIGHLIGHTS
- Occupational Therapy Intervention and Clinical Reasoning
- Application of Clinical and Social Psychology in Occupational Therapy
- Contemporary Occupational Therapy Practice with Older Adults
- Chronic Disease Management, Palliative Care and Occupational Performance
- Play, School and Transition
- Engineering and Technology for Healthcare Solutions
- Leadership and Management in Occupational Therapy

"The SIT Occupational Therapy programme is contemporary, rigorous and fun! It prepares our graduates to become occupational-focussed, evidence-based, client-centred and reflective occupational therapists, meeting the evolving healthcare needs of Singapore."

ASSOCIATE PROFESSOR TAN BHING LEET
Programme Director
Singapore Institute of Technology

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

RADIATION THERAPY

SINGAPORE INSTITUTE OF TECHNOLOGY

DEGREE PROGRAMME
- BSc (Hons)

CAMPUS LOCATION
- SIT@Dover

ELIGIBILITY[1]
- Relevant Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
Graduates can be employed as radiation therapists in a variety of settings such as:
- Radiation Therapy Centres in Public Sectors
- Radiation Therapy Centres in Private Sectors

The SIT Radiation Therapy programme is a four-year, direct honours degree programme that prepares graduates for the role of a professional radiation therapist. Being the only radiation therapy programme offered in Singapore, the curriculum is developed in close consultation with the radiation therapy industry to ensure relevance and graduates' employability. The programme will seek accreditation from the Allied Health Professions Council (AHPC), thus enabling graduates to practise as professional radiation therapists in Singapore.

CURRICULUM HIGHLIGHTS
- Patient Care and Safety
- Cancer Pathology
- Radiation Oncology
- Principles of Radiation Therapy Practice
- Advances in Radiation Therapy

"The SIT Radiation Therapy programme focusses on applied learning, patient-centred care and integration of knowledge and practice. It prepares graduates holistically in areas including clinical competency, evidence-based practice, professionalism, communication and inter-professional collaboration."

ASSISTANT PROFESSOR ERIC CHUA
Programme Director
Singapore Institute of Technology

PHYSIOTHERAPY

SINGAPORE INSTITUTE OF TECHNOLOGY

Trinity College Dublin
The University of Dublin

DEGREE PROGRAMME
- BSc (Hons)

CAMPUS LOCATION
- SIT@Dover

ELIGIBILITY[1]
- Relevant Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
Graduates can be employed as physiotherapists in a variety of settings, such as:
- Acute Hospitals
- Community Hospitals
- Nursing Homes and Senior Care Centres
- Voluntary Welfare Organisations
- Sports Institutes
- Private Practices
- Government Agencies

The SIT-Trinity College Dublin (TCD) Physiotherapy programme is a four-year programme jointly developed by both universities. The programme aims to produce professional physiotherapists who are theoretically-grounded and clinically-oriented to practise autonomously in different specialities of physiotherapy. Students in the programme will have opportunities to gain clinical experience while working in various major hospitals and healthcare facilities in Singapore.

CURRICULUM HIGHLIGHTS
- Musculoskeletal Physiotherapy (Spine)
- Cardiopulmonary Physiotherapy
- Advanced Topics in Neurological Physiotherapy
- Neurobiology
- Enhancing Human Performance by Exercise
- Physiotherapy Across Lifespan (Child and Maternal Health)
- Creative Thinking and Innovation in Healthcare

"The SIT-TCD Physiotherapy programme adopts different pedagogical approaches of teaching and learning such as team-based learning, flipped classrooms, standardised patients and simulation-based education. Physiotherapy is a profession that is highly sought-after in Singapore. This programme prepares you with all the knowledge, skills and values required to start your career as a qualified physiotherapist in Singapore."

ASSISTANT PROFESSOR BENJAMIN SOON
Programme Director
Singapore Institute of Technology

DIAGNOSTIC RADIOGRAPHY

SINGAPORE INSTITUTE OF TECHNOLOGY

Trinity College Dublin
The University of Dublin

DEGREE PROGRAMME
- BSc

CAMPUS LOCATION
- SIT@NYP Building

ELIGIBILITY[1]
- Relevant Polytechnic Diploma Holders

CAREER OPPORTUNITIES
Graduates can be employed as diagnostic radiographers in a variety of settings, such as:
- Acute Hospitals
- Community Hospitals
- Medical Centres
- Clinics

This one-year honours degree programme, jointly awarded by SIT and Trinity College Dublin (TCD), aims to extend the knowledge and skills of radiographers to undertake more advanced and evidence-based practice in radiography, including image evaluation and interpretation, advanced clinical applications of specialised imaging modalities and critical appraisal of scientific literature. Graduates will also be able to apply principles of teaching and learning, as well as leadership and management. Appreciating contemporary health issues in the global context is also an expected learning outcome of this programme, which includes a six-week clinical placement in Dublin.

CURRICULUM HIGHLIGHTS
- Advanced Image Interpretation
- Critical Appraisal and Evidence-Based Practice
- Professional Development and Leadership in Diagnostic Radiography
- Global Health and Service Development in Diagnostic Radiography
- Advances in Radiography Practice
- Overseas Immersion Programme (OIP)

"Experience an innovative programme, delivered jointly with Trinity College Dublin that will develop advanced skills in international diagnostic radiography practice."

ASSISTANT PROFESSOR SUZANNE DENNAN
Programme Director of the Discipline of Diagnostic Radiography
Trinity College Dublin

NURSING

SINGAPORE INSTITUTE OF TECHNOLOGY

University of Glasgow

DEGREE PROGRAMME
- BSc (Hons)

CAMPUS LOCATION
- SIT@Dover

ELIGIBILITY[1]
- Relevant Polytechnic Diploma Holder

CAREER OPPORTUNITIES
Graduates can pursue further career advancements in clinical practice, education and management, such as:
- Nurse Clinician
- Nurse Educator
- Nurse Manager

The SIT-University of Glasgow (UofG) Nursing programme is a two-year post-registration honours degree 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 Ministry of Health (MOH), students will further build on the foundation they have established through their nursing diploma at Nanyang Polytechnic or Ngee Ann Polytechnic. In line with MOH's Healthcare 2020 Master Plan, graduates will be equipped with critical, analytical and innovative skills, as well as leadership, research, teaching and clinical competencies — much needed qualities for a new breed of nurses to meet the healthcare challenges of Singapore.

CURRICULUM HIGHLIGHTS
- Health Assessment and Clinical Reasoning
- Health Innovation and Informatics
- Population Health
- Health and Social Policy
- Health Systems: Singapore's Perspective
- Intermediate and Long Term Care
- Fostering Evidence-Based Practice in Clinical Settings
- Six-week Clinical Placement in Singapore
- Overseas Immersion Programme (OIP)

"The SIT-UofG nursing programme aims to develop graduates who are highly competent in providing nursing care across the continuum of care. These nurses will have a keen interest and acumen to explore and examine pertinent issues relating to nursing and healthcare; and will emerge as strong leaders of positive change. They will be exposed to the practice of nursing in Glasgow. In the process, they will learn how to shape future practices and policies to improve the effectiveness and responsiveness of the Singapore health care system."

ASSOCIATE PROFESSOR GENEDINE LIM
Programme Director
Singapore Institute of Technology

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

OCCUPATIONAL THERAPY

Trinity College Dublin
The University of Dublin

DEGREE PROGRAMME
- BSc

CAMPUS LOCATION
- SIT@NYP Building

ELIGIBILITY[1]
- Relevant Polytechnic Diploma Holders

CAREER OPPORTUNITIES
Graduates can be employed as occupational therapists in a variety of settings, such as:
- Acute Hospitals
- Community Hospitals
- Rehabilitation Centres
- Community-Based Programmes
- Voluntary Welfare Organisations
- Special Schools/Preschools
- Nursing Homes
- Private Practices
- Government Agencies

This one-year honours degree programme is designed to equip students with the skill and ability to critically evaluate occupational therapy practice, both nationally and internationally. Students will learn about developing and providing client-centred and occupation-focussed interventions using evidence-based practice. Designed in consultation with both occupational therapy practitioners and academics in Singapore, the learning will embed current occupational therapy theory and research, reflecting existing and developing areas of occupational therapy practice, as well as future developments in the healthcare system of Singapore.

CURRICULUM HIGHLIGHTS
- Advanced Occupational Therapy Theory
- Advanced Practice
- Context and Delivery of Practice
- Healthcare Development and Delivery
- Overseas Immersion Programme (OIP)

"The one-year Occupational Therapy degree conversion programme prepares occupational therapy graduates to be reflective in their clinical practice. It also equips them with skills in client-centred and evidence-based practice. The Overseas Immersion Programme (OIP) provides exposure to a different healthcare system, which enables graduates to be aware of the impact of healthcare policies on occupational therapy interventions."

ASSOCIATE PROFESSOR TAN BHING LEET
Programme Director
Singapore Institute of Technology

PHYSIOTHERAPY

Trinity College Dublin
The University of Dublin

DEGREE PROGRAMME
- BSc

CAMPUS LOCATION
- SIT@NYP Building

ELIGIBILITY[1]
- Relevant Polytechnic Diploma Holders

CAREER OPPORTUNITIES
Graduates can be employed as physiotherapists in a variety of settings, such as:
- Acute Hospitals
- Community Hospitals
- Nursing Homes and Senior Care Centres
- Voluntary Welfare Organisations
- Sports Institutes
- Private Practices
- Government Agencies

This one-year honours degree programme with recognition of prior learning, aims to develop skills in critical analysis and global health, as well as those related to the profession including advances in physiotherapy practice, advanced exercise prescription and leadership, advocacy, and management in physiotherapy. The aspiration is that this course will lead to independent practitioners who can initiate, drive and evaluate the services required for the future healthcare system in Singapore.

CURRICULUM HIGHLIGHTS
- Critical Appraisal and Evidence-Based Practice
- Advanced Exercise Prescription
- Global Health and Service Development
- Leadership and Management in Physiotherapy
- Advances in Physiotherapy Practice
- Overseas Immersion Programme (OIP)

"Since its inception in 2012, the Physiotherapy programme has been very popular and continues to grow and attract much interest from physiotherapists throughout Singapore."

ASSOCIATE PROFESSOR JOHN GORMLEY
Programme Director and Head of the Discipline of Physiotherapy
Trinity College Dublin

RADIATION THERAPY

Trinity College Dublin
The University of Dublin

DEGREE PROGRAMME
- BSc

CAMPUS LOCATION
- SIT@NYP Building

ELIGIBILITY[1]
- Relevant Polytechnic Diploma Holders

CAREER OPPORTUNITIES
Radiation Therapy graduates can look forward to:
- Advanced Clinical Roles
- Leadership and Management
- Research Opportunities
- Postgraduate Studies

This one-year honours degree programme facilitates students to develop the knowledge and competencies required for research leadership roles in clinical services and management. Evaluation and critical thinking is developed and encouraged in this student-centred programme. Varied teaching and learning methods are used in the delivery of this seven-module programme, including classroom teaching, clinical placements, research supervision and blended learning. Students will study with their Irish counterparts and experience the radiotherapy environment in an Irish setting through their nine-week Overseas Immersion Programme (OIP).

CURRICULUM HIGHLIGHTS
- Research Methodology and Dissertation
- Radiotherapy in Practice
- Treatment Planning 1 – Introduction to Treatment Planning
- Treatment Planning 2 – Advanced Treatment Plan Evaluation
- Specialised Clinical Practice
- Global Health and Service Development
- Leadership and Management
- Overseas Immersion Programme (OIP)

"Embark on this exciting programme where you can study in Ireland and experience the Irish radiotherapy setting. You will also further develop your skill set and qualifications in Radiation Therapy, and open up many opportunities."

ASSISTANT PROFESSOR AGNELLA CRAIG
Programme Director and Head of the Discipline of Radiation Therapy
Trinity College Dublin

CRIMINOLOGY AND SECURITY

UNIVERSITY OF LIVERPOOL

DEGREE PROGRAMME
- BA (Hons)

CAMPUS LOCATION
- SIT@TP Building

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
Graduates can look forward to careers in these areas:
- Government Agencies
- Journalism
- Voluntary Welfare Organisations

This full-time programme will follow a three-year degree structure. Year one will follow the common first-year model studied by all students in the Department of Sociology, Social Policy and Criminology at the University of Liverpool. Students in their second year will undergo a more focussed curriculum, centred on criminological theory and research. In the final year, students will specialise in a range of criminological subjects adapted to the Southeast Asian context. Students will also undertake a four-week summer school in the United Kingdom, based at the University of Liverpool campus.

CURRICULUM HIGHLIGHTS
- Youth Crime
- Policing
- Punishment and Prisons
- Radicalism and Terrorism
- Transnational Crime
- Cyber Crime
- Overseas Immersion Programme (OIP)

"This programme is the first and only Criminology degree in Singapore. It is challenging but highly rewarding. Students can expect to engage with a wide range of important topics and arrive at new conclusions about how the world should be understood."

DR LEON MOOSAVI
Programme Director
University of Liverpool

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

design and specialised businesses

As Singapore establishes itself as a world-class destination for business as well as leisure and tourism, the demand for professionals in various disciplines involving 'soft skills' will increase. Design influences our lives in more ways than you can imagine — from the contours of a building to the way a living space 'welcomes' visitors, every detail makes a statement; just as how a carefully-designed culinary adventure can elevate any customer experience. And when it comes to the business of hospitality, we are certainly at the forefront of innovation and service.

But every experience comes at a cost. That's where we need practitioners who are skilled in dealing not just with numbers but also 'grey areas' which may require a delicate touch or a sensitive word — dedicated professionals who are passionate about their craft and who take pride in delivering a service that sets them apart.

ACCOUNTANCY

SINGAPORE INSTITUTE OF TECHNOLOGY

DEGREE PROGRAMME
- B (Hons)

CAMPUS LOCATION
- SIT@Dover

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
- Chartered Accountant/Certified Practising Accountant
- Auditor
- Management and Taxation Consultant
- Financial and Risk Analyst and Financial Controller

The Accountancy programme is a three-year direct honours programme, which will hone students' critical and analytical skills and provide them with requisite knowledge needed for a professional accounting career. Students will go through rigorous academic training and immerse themselves in the accounting industry through the eight-month Integrated Work Study Programme (IWSP) with established accounting firms such as Baker Tilly, Deloitte, Ernst & Young, KPMG, PKF and PwC. Students will be taught by teaching staff with strong relevant industry experience and also be exposed to vital information systems for data analytics and simulation skills (such as Bloomberg, Thomson Reuters, SAP, Probanker and Capsim). Students will be given the opportunity to take up specialised accounting and finance modules, and focus on an area of interest such as Applied Finance, Audit, Corporate Accounting, Management Accounting and Taxation in their final trimester. This programme is accredited by various bodies including SAC, CPA Australia, CAANZ, CIMA and ICAEW.

CURRICULUM HIGHLIGHTS
- Accounting Financial Modelling
- Applied Business Simulations and Business Capstone
- Unique Industry Relevant Enhancement Modules
- A CFA Affiliated University that covers 70% of the CFA Programme Candidate Body of Knowledge
- Regional Exposure to Accounting Practice (REAP)
- Eight-month Integrated Work Study Programme (IWSP)

"Throughout my course of study, SIT has provided me with a very holistic development. Apart from studies, SIT also places a large emphasis on social life, CCAs and school activities which enriches my university life."

SARAH CLAIRE HENG QIU MING
SIT Scholar
Singapore Institute of Technology

HOSPITALITY BUSINESS

SINGAPORE INSTITUTE OF TECHNOLOGY

DEGREE PROGRAMME
- B (Hons)

CAMPUS LOCATION
- SIT@RP Building

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
Graduates can look forward to careers in these areas:
- Hotels
- Integrated Resorts
- MICE Companies
- Tourism and Hospitality Consulting Firms
- Tourism Bureaus
- Airlines and Airports

The Hospitality Business programme is the first and only hospitality programme offered by an autonomous university in Singapore. The primary objective of this three-year programme is to nurture hospitality professionals who are passionate about making positive and tangible contributions to the industry. In fulfilling industry needs, they will, at the same time, be competitive and forward-looking. Graduates of Hospitality Business can expect to develop strong operational skills (know-how) as well as the business acumen to apply for a management career in the field (know-why). They will also acquire strong cultural sensitivity and critical thinking skills in line with the international nature of Singapore's hospitality scene.

CURRICULUM HIGHLIGHTS
Students can 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
- MICE Sectors

Further functional specialisations will allow students to pick up managerial skills in running and managing hospitality businesses, such as:
- Hospitality Sales and Marketing (Customer Perspective); or
- Hotel Real Estate and Investment (Owner Perspective)

"We strive to bridge the middle management gap in the hospitality industry by preparing graduates with the business acumen needed for success."

ASSISTANT PROFESSOR ELIVER LIN CHEUK KI
Programme Director
Singapore Institute of Technology

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

FOOD BUSINESS MANAGEMENT *(CULINARY ARTS)*

THE WORLD'S PREMIER CULINARY COLLEGE

DEGREE PROGRAMME
- BBA

CAMPUS LOCATION
- Temasek Polytechnic

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
- Executive Chef
- Restaurateur
- Hospitality and Service Manager
- Research and Development Specialist
- Food Writer/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 undergraduates learn cooking and baking methods, gain leadership skills and acquire valuable knowledge about the business. Offering the same proven curriculum the college delivers at its United States campuses, the programme builds students' understanding and command of global product knowledge and cuisines, business skills and the catering industry. Covering advanced areas such as revenue management and marketing for catering and hospitality businesses, students will be well-prepared to become valued, forward-thinking professionals wherever they go in the food world.

CURRICULUM HIGHLIGHTS
- Menu Development
- Financial Accounting
- Nutrition
- Baking and Pastry Development
- Modern Banquet Cookery
- Contemporary Hospitality and Service Management
- Overseas Immersion Programme (OIP)

"The Bachelor's degree from the CIA provides you with the foundational skills necessary to ultimately lead in the food, beverage and hospitality industry. A combination of pedagogy built on cooking and service skills with top-of-the-line business management classes and liberal arts, provides a rock solid foundation to launch your career."

CHEF EVE FELDER
Managing Director and Associate Dean
The Culinary Institute of America

FOOD BUSINESS MANAGEMENT
(BAKING AND PASTRY ARTS)

THE WORLD'S PREMIER CULINARY COLLEGE

DEGREE PROGRAMME
- BBA

CAMPUS LOCATION
- Temasek Polytechnic

ELIGIBILITY[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES
- Executive Pastry Chef
- Head Baker
- Entrepreneur
- Chocolatier
- Food Writer
- Caterer

Presented by the world leader in culinary education, this programme will provide students with an in-depth understanding of the baking and pastry world and valuable hands-on bakeshop experience. Expert pastry chefs and instructors will help undergraduates 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 the college delivers at its United States campuses, the programme builds students' understanding and command of bread, cake, and pastry production, business skills, and the catering industry. Covering advanced areas such as revenue management and marketing for catering and hospitality businesses, students will be well-prepared to become valued, forward-thinking professionals wherever they go in the food world.

CURRICULUM HIGHLIGHTS
- Café Menu Development
- Financial Accounting
- Nutrition
- Baking and Pastry Development
- Individual and Production Pastries
- Contemporary Hospitality and Service Management
- Overseas Immersion Programme (OIP)

"Offered for the first time in Singapore, the baking and pastry focus provides 1,300 hours of hands-on classes following the pedagogy of a progressive learning year. The deep dive into baking and pastry techniques combined with hospitality service, business management and liberal arts classes will prepare the students to enter the dynamic world of food with the requisite skills to grow into positions of leadership in a multitude of venues."

CHEF EVE FELDER
Managing Director and Associate Dean
The Culinary Institute of America

COMMUNICATION DESIGN

THE GLASGOW SCHOOL OF ART SINGAPORE

DEGREE PROGRAMME
- BA (Hons)

CAMPUS LOCATION
- SIT@TP Building

ELIGIBILITY[1]
- Polytechnic Diploma Holders

CAREER OPPORTUNITIES
Graduates can look forward to careers in these areas:
- Art Director/Advertising
- Graphic Designer
- Digital/Web Designer
- Freelance Practice (publishing, editorial, photography, film and television, etc.)

As visual communication design becomes ever more influential, the ability to harness this skill in dynamic and creative ways brings with it significant value. This programme encourages self-motivation and sustained independent learning through a variety of methods including seminars, tutorials, practical workshops and critical reviews. Covering a wide range of topics that will help students develop a specialist understanding of communication design, they will learn studio-based, online and collaborative skills, as well as gain an advanced understanding of fundamental design thinking and processes in the disciplines of graphic design, illustration and photography. Additionally, communication design and its role in culture will be explored in the context of urbanism, globalisation, sustainability and ethics.

CURRICULUM HIGHLIGHTS
- Design History and Theory
- Studio Practice and Design Process
- Design Research Methods
- Overseas Immersion Programme (OIP)

"Never before has the communications arena had such fluidity for the realisation of student ideas and professional identity; whether it be simple or complex, witty or profound – Communication Design is a platform for the thinking of tomorrow. Students are no longer defined by their specialism, but through their creative interpretations and articulation of the brief."

CHRIS HAND
Programme Director
The Glasgow School of Art, Singapore

INTERIOR DESIGN

THE GLASGOW SCHOOL OF ART SINGAPORE

DEGREE PROGRAMME
- BA (Hons)

CAMPUS LOCATION
- SIT@TP Building

ELIGIBILITY[1]
- Polytechnic Diploma Holders

CAREER OPPORTUNITIES
Graduates can look forward to careers in these areas:
- Established Studios and Small Specialist Practices
- Independent Practices
- Retail and Production Design
- Visual Merchandising

Interior design involves the creation of imaginative and stimulating environments in specific places — often within existing buildings. This requires a sensitivity to the particular qualities of a site, along with an understanding of the people who populate it. Students will learn to creatively embrace the constraints of brief and context, engaging in a dialogue between existing architectural form and contemporary approaches to the function and aesthetics of a space. This programme encourages bold, critical, conceptual thinking and the clear communication of ideas, and will allow students to self-direct and fine-tune their interests while honing both practical and intellectual skills. Students will develop their creativity through sustained involvement with the design process via diverse projects, supportive and diagnostic tutorial discussions, and reviews with an informed audience of staff and peers.

CURRICULUM HIGHLIGHTS
- Design History and Theory
- Studio Practice and Design Process
- Design Research Methods
- Overseas Immersion Programme (OIP)

"Clever interior design is a key contributor to an improved quality of life, and it helps generate business success. It has an established professional structure which allows graduates the opportunity to gain invaluable experience at various levels of responsibility before choosing to set up in independent practice or take leading roles in established studios."

CHRIS HAND
Programme Director
The Glasgow School of Art, Singapore

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

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Nanyang Polytechnic
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(beside Blk Q of NYP campus)

SIT@RP BUILDING
Republic Polytechnic
43 Woodlands Ave 9, Singapore 737729

SIT@SP BUILDING
Singapore Polytechnic
510 Dover Road, Singapore 139660

SIT@TP BUILDING
Temasek Polytechnic
Blk 29B Tampines Ave 1, Singapore 528694

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