

DEGREE PROGRAMME HANDBOOK

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SingaporeTech.edu.sg

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PRESIDENT'S MESSAGE

Professor Tan Thiam Soon President Welcome to SIT and I am delighted that you are considering us for your future. Choosing a university is an important decision. After all, the choice of the school you attend can significantly impact your life. When assessing your options, look for a university that is right for you and fits your aspirations. Look for one that provides you with the right type of environment that will support your learning and growth, one that matches your interests and affords you an enjoyable and rewarding experience. Perhaps most importantly, choose a university that will hone your ability to constantly adapt and prepare you well for your career.

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.

During your course of study here, you will experience a very different learning journey. At SIT, learning is not confined to the classroom. You will gain industry exposure from day one, through site visits, working in facilities located at our industry partners' premises, overseas exposure programmes and entrepreneurial activities. Our Integrated Work Study Programme (IWSP) will also see you spend six to 12 months with an employer, as an 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.

As you read through this handbook, you will find many programmes designed to meet your educational needs. SIT will be the best choice for you if your profile and aspirations match what we offer. We would like to be your companion as you start on this exciting and transformational journey of constantly learning and impacting our industry and community.

Take your time to go through the information in this handbook to help you make your decision. Should you have any questions, please feel free to contact us or visit **SingaporeTech.edu.sg**. We hope to have you join us and become a SITizen very soon.



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.

DEGREE PROGRAMME HANDBOOK

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.

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 SITconferred 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.

GAIN GLOBAL PERSPECTIVES

SIT's strong ties with reputable overseas universities and industry 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) or when you learn about industry practices in foreign companies through the Overseas Exposure Programme (OEP), International Internship Programme (IIP) and Overseas Integrated Work Study Programme (OIWSP).

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 Aptitude-Based Pedagogy Admission

Strong Industry

Partnership



Comprehensive Financial Aid Available

Extensive Career Guidance



Global Exposure

IWSP Opportunities*

Vibrant Student Life

5 Clusters

6 Campuses

89%

9 Overseas University Partners

Undergraduate **Degree** Options

42

of Students Read Their First or Second Choice Degree Programmes

of Students Secured a Job Within Six Months of Completing Their Final Exams

92%

>50 Types of Student Clubs

>150 Student Activities Per Year

\$3,200 Median Salary of Our Graduates'

^ Source: 2017 Graduate Employment Survey (GES) * For students in SIT-conferred and joint degree programmes

APPLIED LEARNING IN







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.

FOUNDATIONS OF APPLIED LEARNING

IN SIT

You will have the opportunity to be engaged in an applied learning experience through:

- 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 that promote active learning in a large class setting.
- Teaching laboratories and MakerSpace for handson project-based learning and developing you as a 'Thinking Tinkerer'.
- Blended learning approaches which combine online experiences with meaningful classroom interaction.



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The use of the fully-equipped practical labs and other resources at SIT has provided an adequate learning environment where I could apply the knowledge learnt and get accustomed to a proper clinical setting that will help prepare me in my journey towards becoming a qualified physiotherapist."

Nurush Shifa' Binte Kamarul Zaman Year Two Physiotherapy, BSc (Hons)

FACULTY FACILITATED

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

INDUSTRY AND COMMUNITY FOCUSSED

We continually review and align our curricula with evolving industry needs through our Industry Advisory Committees (IACs) and input 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.

PROFESSIONAL OFFICER MENTORS

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

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.



Throughout the course of study, we attended many talks from key members of the industry and gained valuable insights. We also participated in company site visits, most recently to DSM, as part of our project in the Food Manufacturing module. These activities have really enhanced our learning journey as the knowledge gained was practical and applicable to our projects."

Lee Jun Teck

Year Three Food Technology, BFoodTech (Hons)





The applied learning approach at SIT is very closely tied to what is taking place in the industry. For example, the finance modules from the Accountancy programme provided us with handson opportunities where we could extract real-time financial data from Bloomberg terminals and apply the information to our projects. We are provided with the necessary skill sets to be ready for the industry."

Lee Zhenyang Year Three Accountancy, BAcc (Hons) SII Ζ 5 Z I Z



I like SIT's applied learning pedagogy as it lets us experience real world situations within our classrooms and labs by providing and integrating lessons with the materials, hardware and software for hands-on learning. Our lessons are also taught by guest lecturers from the industry who share their career experiences and provide insights on global challenges in the industry, and how to better prepare for technological disruptions ahead."

Muhammad Khairul Syafiq Bin Mohd Zaini

Information Security Consultant PulseSecure Pte Ltd Graduate (2018) Information and Communications Technology (Information Security), BEng (Hons)





As part of incorporating the applied learning pedagogy into the curriculum, I partner with local companies and organisations from various industry sectors annually to host students to work on industry-inspired problem statements. Students would visit the company hosts onsite to get the necessary information, which is in tandem with the weekly coaching sessions between the student teams and myself. Since 2015, 15 companies and over 140 students have benefitted from this collaboration. Our students are able to apply the knowledge learnt in class onto real-life industry challenges, whilst enabling to assist the industry to implement low-cost solutions."

Associate Professor Mustafa Shabbir Kurbanhusen Engineering Cluster



I have had the privilege to work with faculty in bringing applied learning into the classroom at SIT. One of the most exciting methods is the use of case studies. We have a Community of Practice where the faculty creates case studies based on real-life problems faced by industry players for teaching purposes. By using these case studies, our students will have a better understanding of the working world. There is nothing more exciting than to see our faculty members bring to class such case studies and to re-live those situations with the students."

Miriam Wun

Learning Designer Centre for Learning Environment and Assessment Development (CoLEAD)

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- WORK STUDY PROGRAMME ----

The Integrated Work Study Programme (IWSP) is a key 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 CAREER AND PROFESSIONAL SKILLS

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

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 and theory to actual work performed on the job.

3 OPPORTUNITIES FOR INNOVATION IN COMPANIES

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





The rotational nature of the clinical attachments in my course provided valuable insights to the culture and practices at different hospitals. The most memorable experience was when I first stepped into an operating theatre to observe how radiographers perform imaging. I also had the chance to work side by side with surgeons on cases in just my second year of studies!"

Ang Xu Kai Year Three Diagnostic Radiography, BSc (Hons)





My IWSP at Audi TSC has allowed me to undertake real work, integrate the theories learnt in school and apply them during my work stint. This approach enabled me to better grasp tough concepts while shaping my perspective and building my confidence and exposure needed to enter the automotive industry. My IWSP experience will not only give me insights to the industry, it will also, hopefully enable me to secure a job once I graduate."

Audrey Lim Xin Hui Year Three Telematics (Intelligent Transportation Systems Engineering), BEng (Hons)

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During my IWSP, I had the opportunity to undertake full-time associate responsibilities and duties such as stock-taking, preparation of financial statements and section works. Besides the technical skills learnt in school, I realised that having soft skills were equally important. I really appreciate the bond forged with my seniors and managers in the company. As my mentors, they constantly provided me with advice and insights to the skills needed in the industry."

Goh Jun De Assurance Associate 2 Ernst & Young Graduate (2018) Accountancy, BAcc (Hons)



The 26-week long IWSP had not only given me the opportunity to gain valuable industry knowledge and adapt to work culture, it was an excellent platform for me to apply the fundamentals learnt during lectures. With the guidance of my superiors, I was empowered to value add to the projects I was assigned to at work."

Ho Renee Year Three

Naval Architecture, BEng (Hons)



My IWSP experience at AbbVie allowed me to acquire industry skill sets and apply what I have learnt in the classroom to troubleshoot industry problems. As I was attached to the downstream of biomanufacturing, my knowledge and technical skills in bioseparation, particularly in the areas of filtration and chromatography were put to test. This experience has further deepened my understanding of the downstream processes and operational units in the company. The best part of it all is that I was given a job offer at the end of my IWSP!"

Chiok Caven

Year Four Pharmaceutical Engineering, BEng (Hons)

GLOBAL EXPERIENCE -

Learning is not limited to the classroom. At SIT, we encourage you to soar beyond familiar ground for a global perspective of industry's best practices. Through carefully crafted programmes such as the Overseas Exposure Programme (OEP), International Internship Programme (IIP) and Overseas Integrated Work Study Programme (OIWSP), you will learn from and be inspired by the best industry players, expand your network and make new friends across borders!

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OVERSEAS EXPOSURE PROGRAMME

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The Overseas Exposure Programme (OEP) aims to expose you to industry best practices, gain cross-cultural awareness, and broaden your 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

OVERSEAS INTEGRATED WORK STUDY PROGRAMME

Similar to Integrated Work Study Programme (IWSP), the Overseas Integrated Work Study Programme (OIWSP) provides opportunities for you to gain real work experience focussing on countries in Greater China and ASEAN regions, so as to deepen your international connections.

Through working and adapting to the way of life, OIWSP allows you to develop a deeper understanding and appreciation of the culture in the host country. It will not only broaden your horizons and enhance your professional confidence, but also boost your career prospects back in Singapore and internationally.





The OEP had a balance of lectures and company visits to pharmaceutical and medical device industries. We visited Genentech, Intuitive Surgical, Gilead Sciences and Mallinckrodt Pharmaceuticals, which gave me insights into the various manufacturing processes. Through this trip, I gained a clearer understanding of the pharmaceutical and medical device industries and the different job scopes and roles available."

Kanagalekshimi D/O Selvarajoo

Year Three Pharmaceutical Engineering, BEng (Hons) OEP to San Jose, USA





My team and I represented SIT in the Winter School Programme hosted by Zurich School of Applied Sciences in Switzerland. During this conference, healthcare students from more than 15 countries came together to learn and exchange perspectives on healthcare systems and professions. I also experienced alternative styles of teaching, and visited several healthcare facilities across the country, including a rehabilitation centre set atop a mountain. I have now gained a wider perspective on healthcare, and forged new friendships with the people I've met at the conference."

Ou Wai Mun, Gabriel

Year Three Physiotherapy, BSc (Hons) OEP to Zurich, Switzerland

GLOBAL EXPERIENCE DEGREE PROGRAMME HANDBOOK



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My OEP was an enriching experience as I visited the transportation simulation lab at Southwest Jiaotong University and various transportationrelated sites in Chengdu. At the Singapore-Sichuan Hi-Tech Innovation Park (SSCIP), I was amazed at the town's smart infrastructure that integrates industry, ecology and cultural elements. It was exciting to witness how advanced automation manufacturing technology was utilised in the assembly of vehicles at the Dongfeng Peugeot Citroen Automobile (DPCA) plant."

Macalino Noel Minjoot Year Two

Telematics (Intelligent Transportation Systems Engineering), BEng (Hons) OEP to Chengdu, China





The industry visits allowed me to immerse myself in the accounting industry in Hong Kong. A takeaway from the company visits is seeing how accounting firms are harnessing technology to stay relevant in the digital landscape. Aside from gaining business insights, I have forged new friendships with the local students there."

Nur Farwizah Amran Binte Mohamed Fauze Year Two Accountancy, BAcc (Hons) OEP to Hong Kong





The IIP gave me a tremendous opportunity to work at Continental Automotive in Regensburg, Germany for four months. I really enjoyed my time there and made many new friends from different cultures and backgrounds. Additionally, I picked up new technical skills like 3D printing, Android programming and Agile software development. I even got to experience a test flight of an autonomous drone I helped to repair with 3D printing."

Lucas Yap Yu You

Year Three Information and Communications Technology (Software Engineering), BEng (Hons) IIP to Regensburg, Germany



The OIWSP opened up new perspectives and opportunities for me to be exposed to a different work culture and meet new people. At work, I was challenged to read and write in the traditional Chinese language as I performed translation and transcription work, as well as recording minutes of meetings. I learnt new skills such as site planning and floor plan drawing of event spaces, participating in projects and representing the team in external communication with clients and partners. The highlight of my attachment was being part of the team to work on large-scale projects such as '2018 Taichung World Flora Exposition' and 'France-Taiwan Scientific Festival', which widened my learning journey beyond the classroom."

Chuang Shen Yuan

Year Three Hospitality Business, B (Hons) OIWSP to Taiwan



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The trip to Kaga City was an eye-opening experience in terms of cultural exchanges and effective collaboration. We participated in a hackathon and teamed up with students from Kanazawa University to tackle an assigned problem. It was really satisfying when we brainstormed together to approach and solve the problem using different concepts and ideas during the 48-hour period."

Jerome Augustine Rodrigues Year Three

Information and Communications Technology (Software Engineering), BEng (Hons) OEP to Kaga City, Japan

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IGNITE YOUR ENTREPRENEURIAL — AND INNOVATIVE SPIRIT —

At SIT, we gear you up for a journey of innovation and entrepreneurship. You are encouraged to be involved in creating and leading solutions that will meet individual, community and industry needs and turn them into start-ups. If you have a business idea that could lead to a potential venture, take a leap of faith to embark on an innovative start-up.



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ENTREPRENEURSHIP DEVELOPMENT **PROGRAMME** (EDP)



At SIT, we have a structured Entrepreneurship Development Programme (EDP) that aims to equip aspiring entrepreneurs with strategic business skills and accelerate your start-up process by learning from our pool of mentors. Be inspired through our organised talks by practice-oriented start-up founders, investors and SIT faculty that cover the following topics:











Rusiness Model Research Canvas



Business Law





Topic Sharing

Fundraising

The Entrepreneurship Development Programme (EDP) is a well-rounded programme that covers major aspects of entrepreneurship from idea to execution. It was an invaluable experience to pitch my business idea to a panel of judges comprising Chinese tech giants such as Alibaba and 2345.com. I emerged as one of the winners and was awarded a three-month internship at 2345.com in Shanghai. I gained priceless insights into the huge mobile app market in China and learnt how a cashless society operates."

Lim Xing Yi

Graduate (2018)

Information and Communications Technology (Software Engineering), BEng (Hons)

Participant of SIT Entrepreneurship Development Programme (EDP) First prize winner of the OneMap IdeaWorks Challenge Recipient of Singapore Valley Awards 2018 Intern at 2345.com in Shanghai for three months through EDP



Participants from Shanghai Institute of Technology at EDP in August 2018, together with Singapore participants.

At the same time, enrich your entrepreneurship journey and learn about different business cultures through hosting of overseas student counterparts.

After completing the EDP, become a TIE Pioneer to gain skills and capabilities in design thinking, project management, programming and facilitation.



Technical

- > 3D Printing > Ideas-to-Action
- Workshops
- > Robotics Programming



Personal > Facilitation > Communication and Networking

> Leadership

> Service Excellence

Innovation & Enterprise

- > Entrepreneurship Values
- > Problem Solving
- > Design Thinking
- > Project Management

You will get opportunities to lead projects and be involved in industry and community innovation work such as Ideas-to-Action workshops and science camps, and participate in local or global conferences on Innovation and Enterprise. Your involvement in these projects may enable you to attain the prestigious National Youth Achievement Award presented by the President of Singapore.



TIE PIONEERS' PROGRAMME

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 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 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 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 entertainment media franchises, and have joined the ranks of leading technology companies within the Singapore digital economy – including Ubisoft, Lucasfilm, Autodesk, and many 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 1.3% of universities worldwide* and leads in Food Technology, Veterinary Science, Agriculture, Sciences, Health, Social Sciences, Creative Arts, and Business. Its internationallyrenowned 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 2019

www.massey.ac.nz



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Ranked in the top 150 universities worldwide^{*}, Newcastle University (NU) is a member of the Russell Group, comprising the United Kingdom's 24 leading research-intensive universities. NU is acclaimed for its multidisciplinary research, focussing on important societal challenges such as ageing and health, sustainability and social renewal. Renowned for its teaching excellence and preparing 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.

NU has a vision of being a world-leading university, advancing knowledge, providing creative solutions and solving global problems. 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 28,000.

NU collaborates with SIT to deliver jointly, six undergraduate programmes in Singapore that are modern and industrially relevant, and which develop skills, knowledge and understanding in preparation for successful and satisfying professional careers.

*QS World University Rankings 2019

www.ncl.ac.uk/singapore

TECHNICAL UNIVERSITY OF MUNICH

Founded in 1868, the Technical University of Munich (TUM) is one of Europe's leading research universities. TUM acts as an entrepreneurial university that promotes talents and creates value for society. In that, it profits from having strong partners in science and industry. It is represented worldwide with the TUM Asia campus in Singapore as well as offices in Beijing, Brussels, Cairo, Mumbai, San Francisco, and São Paulo. Nobel Prize winners and inventors such as Rudolf Diesel, Carl von Linde, and Rudolf Mößbauer have done research at TUM.

TUM has won recognition as a German 'Excellence University' in 2006 and 2012, and is regularly placed among the best universities in Germany in international rankings. For the fourth year in a row, TUM was the top-ranked German university in the QS World University Rankings.

As TUM's first campus outside of Europe, TUM Asia blends German engineering excellence with Asian relevance in the Bachelor of Science degree programmes offered in partnership with SIT. You will be taught by professors from TUM and SIT during your coursework, and enjoy the opportunity to spend two to five months in the home campus of TUM in Munich, Germany during your studies.

www.tum-asia.edu.sg

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THE CULINARY INSTITUTE OF AMERICA

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 CIA covers the important aspects of the food business, including menu development, nutrition, cost control, and management. 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 50,000+ alumni include prominent food professionals such as 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 was founded in 1845 as one of the first Government Schools of Design, and 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 (TCD), the University of Dublin is Ireland's leading university and 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. Trinity delivers world class education, and employers worldwide hold Trinity graduates in high esteem.

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. Graduates include Nobel Prize winners in literature, science and medicine; presidents and world leaders; award-winning actors and film makers; internationally renowned poets and playwrights, entrepreneurs and business leaders.

www.tcd.ie



UNIVERSITY OF GLASGOW

Founded in 1451, the University of Glasgow (UofG) is the fourth oldest university in the Englishspeaking world. Ranked in the top 100 of the world's universities*, 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.

* QS World University Rankings 2018

www.glasgow.ac.uk/singapore



UNIVERSITY OF LIVERPOOL

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 lifechanging 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

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OVERSEAS IMMERSION — PROGRAMME —

The Overseas Immersion Programme (OIP) is compulsory¹ for all students pursuing joint² 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 ⁶	\$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	2 - 9 weeks ^{5,6}	\$6,000 - \$9,000
University of Glasgow	3 - 4 weeks ⁶	\$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 OIP for the four-year joint Physiotherapy programme with Trinity College Dublin is two weeks. 6. The actual OIP duration is programme-specific.

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

DEGREE PROGRAMME HANDBOOK

AS IMMERSION





The OIP gave me the opportunity to experience healthcare delivery with a very different clinical and cultural perspective. I had caring supervisors in Dublin whom I learnt a lot from. I am immensely grateful to have experienced the Irish way of life."

Rachel Thomas

Graduate (2018) Physiotherapy, BSc Trinity College Dublin



Our lecturers in Glasgow told us that students make the art school, not buildings. It couldn't be truer for our OIP. We had a peek into the beautiful open culture of Glasgow and also explored other cities, which shaped positive, new experiences. Nothing sums up this OIP better than the tagline seen all over the city – People Make Glasgow."

Muhammad Fauzi Bin Azman Year Four Communication Design, BA (Hons) The Glasgow School of Art





It is not about the destination, it is about the journey."

Muhammad Firdaus Bin Fawzi Laza

Year Three Electrical Power Engineering, BEng (Hons) Singapore Institute of Technology – Newcastle University

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This OIP programme is a mustgo! Not only did we experience what it was like to be a student in Liverpool, we also gained a better understanding of the UK's criminal justice system. Moreover, this experience had deepened my friendship with my course mates and made me more independent."

Loo Jian Kai

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





The OIP trip is a wonderful opportunity for us to gain a broader perspective of the food and beverage industry. The exposure to the different cuisines and American culture had certainly enriched our learning experience. Working with seasonal produce in campus also made us appreciate the seasonality of food better."

Lim York Xian, Gorden Year Two

Food Business Management, BBA The Culinary Institute of America





The OIP trip to the University of Glasgow campus was truly an eye-opener. It allowed my peers and me to experience a new culture and how it feels to study and live overseas. This exposure has truly unlocked a whole new perspective in my life, which I am thankful to bring with me into my working life as a graduate."

Zhao Desheng

Graduate (2018) Computing Science, BSc (Hons) University of Glasgow



\Box

Being able to experience the German education for a semester has been awesome. Working with state-of-the-art facilities at TUM had given us a greater exposure to the chemical industry. In addition, we had the chance to learn from German professors who were friendly and very willing to share their experiences with us."

Nur Atiqah Binte Mohd Rashid

Graduate (2018) Chemical Engineering, BSc Technical University of Munich





OIP is a journey to broaden one's horizons, immerse in a foreign culture and make new friends. Always be inclusive when planning trips and stay open-minded when living with roommates. The 12 weeks will leave you with more than you had expected."

Goh Kee Chin

Year Four Computer Science in Real-Time Interactive Simulation, BS DigiPen Institute of Technology



YOUR LIFE @ SIT

At SIT, you get to design your own journey. Together with your peers and the support from staff and faculty, create a vibrant and inclusive student community, a campus that inspires and nurtures, as well as build an indelible student life like no other!







Annual Club Fair Get to know the various student clubs in SIT. SEP Singapore University Games

Our athletes, our pride.





NOV Programme Level up your leadership skills by enhancing self-awareness, social and communication skills.











Local Leadership Development Programme Understand your leadership style and enrich interpersonal skills.





GETTING CAREER READY

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, we are dedicated to developing you to be career ready and employable so that you secure an industry-relevant job in line with your career aspirations. We do this by cultivating the growth mindset of being able to adopt and embrace an attitude of readiness, and building an ecosystem of industry partnerships so that you stay relevant to the industry.

YOUR DEFINITIVE CAREER RESOURCE HUB

CAREER COACHING

With a dedicated Career Coach for every degree programme, you can explore your career options with someone who understands the industry. You can also review and refine your resume or brush up your interview techniques through mock interviews. Get in touch with your Career Coach to get the ball rolling!



INDUSTRY EXPOSURE

Company Visits: Get up close and personal with potential employers during company visits. This is your chance to 'interview'

The transition from student

life to the working world

mentorship programme is

designed to prepare you

can be daunting. Our

for the workplace, giving you a deeper

Connect with an Industry Mentor to

gain industry-specific career advice

perspectives on career opportunities

and guidance, and broaden your

understanding of working life.

them and see the work environment first hand. Learn about the companies' work cultures, recruitment processes and available career opportunities.

Recruitment Talks:

Explore various career opportunities with our industry partners. Find out what the latest hiring trends are and how you can get a head start in your career.

INDUSTRY MENTORSHIP PROGRAMME



Benefits:

- Gain insights into industry trends, practices and workplace ethics
- > Develop specific competencies relevant to industry and job role
- Seek a different perspective from an experienced industry expert and manage expectations of the industry versus reality
- > Be exposed to new ideas and ways of thinking



and aspirations.

READYTALENT JOB PORTAL

ReadyTalent is SIT's one-stop student job portal designed to manage all SIT work attachment positions such as Integrated Work Study Programme (IWSP), Industry Attachment, Work-Study Degree

Programmes, Overseas IWSP, jobs under the SIT Student Work Scheme, as well as full-time and part-time job vacancies.



CAREER SUCCESS WORKSHOPS

Nail down your dream job with our Career Success Workshops. Enhance your interview skills, job search strategies, professional networking skills and resume writing abilities to get ahead of the game!



NETWORKING EVENTS

Networking is the key to career success. Get a head start in your career by actively participating in the various networking events organised by the Centre for Career Readiness such as the Integrated Work Study Programme (IWSP) Preview. Engage with potential employers and build a strong network of professional contacts.

AFTER GRADUATING FROM SIT

Stay connected with SIT and your fellow SITizens through exclusive invitations to special networking events and a varied range of activities, including those run by the SIT Alumni Networks. Volunteer your time for worthy causes and mentor your juniors.



Meet and mingle with industry professionals and fellow alumni at the Annual Alumni Beanfeast – a signature event for SIT alumni!



Financial Literacy Workshop Learn how to handle your finances in different areas, from investing to family planning.





Alumni Movie Nite Pick up a new hobby at a workshop or catch a blockbuster movie with your friends.





SIT Ultimate Frisbee Alumni Get active at the annual Inter-Cluster Games or organise your own sports activities!



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
- \$2,000 worth of SITizens Learning Credits



 Celebrate your graduation at the New Alumni Welcome Party as you transition from undergraduate to alumni!



This is an amazing fun-filled night that will always be remembered. It's a pity it wasn't an all-nighter!"

Rosmalinda Tay Yan Ting Graduate (2016) Chemical Engineering, BSc Technical University of Munich



Submit and check your application via **https://Admission.SingaporeTech.edu.sg**. For dates and deadlines for application, visit **SingaporeTech.edu.sg**. SIT adopts an aptitude-based approach in assessing applicants for admission. This means we look beyond your grades and see you as an individual with diverse gualities and talents. We are interested in who you are and how you can contribute to the community and industry. At SIT, we seek out passionate individuals who possess the 'can do' attitude and are ready to be equipped with specialised skills needed to excel in your programme of interest.

If you have a keen interest in hands-on learning, and/or have prior exposure to areas that are relevant to your programme of interest – be it through internship/work experience, involvement in school or external projects, participation in noteworthy competitions like the WorldSkills or Olympiads, or community work – SIT has much to offer to help you achieve your goals and aspirations.

ACADEMIC REQUIREMENTS

You should possess one of the qualifications listed below:



Note:

¹ To help us understand the academic pathway you have taken, please fill in the details of both your entry qualification (i.e. Polytechnic Diploma/A Level/IB or equivalent Year 12 results) and your GCE O Level or equivalent Year 10 results/ITE (Nitec and Higher Nitec) when you apply for admission to SIT. SIT accepts applicants 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 (PFP). ² Forecasted results will not be accepted.

³ 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.

OTHER INTERNATIONAL QUALIFICATIONS¹ (FOR SELECTED PROGRAMMES)

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

For details of the relevant diplomas and programmespecific admission requirements, please visit SingaporeTech.edu.sg.



APPLICATION TIPS

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CHOOSE your programmes **WISELY** in order of preference based on your interest and ability to cope with the programme.





CONSIDERATION in the shortlisting for a specific

programme. If your application is assessed to be sufficiently competitive for your highestranked programme choice, you will be offered your first choice programme, and not be considered for subsequent programme choices.



FILL IN your CCA participation and achievements, including noteworthy competitions such as WorldSkills Competition, International Olympiads, RoboCup etc, where applicable. Ensure that details of your relevant work experience including internships and Earn-and-Learn programmes (related to programme choices)

Highlight related

and aptitude.

ACHIEVEMENTS and

Ensure that details

of your academic

qualifications are

COMPLETE.

ACCURATE and

SALIENT POINTS in

your Personal Statement to

demonstrate your passion

are **ACCURATELY** and comprehensively filled in.

APPLICATION CHECKLIST

Before starting your application, get ready the following documents to be submitted via the SIT online application portal.

NRIC/11B/

Passport

GCE O Ar Level/ITE/IP pr or equivalent re-Year 10 ind

results

Any additional programme-specific requirement for the individual degree programmes

OR GCE A Level/IB Diploma/ NUS High School Diploma/Diploma from Other Institutions/Other International Qualification Year 12 results Forecasted results will not be accepted.

National-Service (NS)-liable Applicants

If you have been offered a place, and are currently serving or due to serve National Service (NS), a place will be reserved for you when you complete your NS (fees will follow the year of application and acceptance).

Current/Former University Students

If you have previously studied or are currently studying in a degree programme at 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 Sciences¹, LASALLE College of the Arts, Nanyang Academy of Fine Arts), you may apply to SIT during the admissions application window. However, if you are a current SIT student, you are not eligible to apply in this exercise. Instead, you may wish to enquire with the SIT Registrar's Office for the procedure on a change of programme.

Undergraduate students who are switching to another degree programme either within or across the institutions stated above 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.

Note:

1. Part-time degree graduates from the Singapore University of Social Sciences (formerly known as UniSIM) who had partially received the Tuition Subsidy to complete their first part-time undergraduate degree will be eligible for pro-rated Tuition Grant as long as they have not received the Ministry of Education (MOE)'s subsidy at a higher qualification level (e.g. postgraduate diploma and master's programme).

SUBJECT PREREQUISITES

GCE A Level/International Baccalaureate Diploma (IB)/NUS High School Diploma/Other International Qualifications

	SELECTED LIST OF DEGREE PROGRAMMES ¹
ENGINEERING	 SINGAPORE INSTITUTE OF TECHNOLOGY Aircraft Systems Engineering, BEng (Hons) Sustainable Infrastructure Engineering (Build MEngTech and BEng (Hons) Sustainable Infrastructure Engineering (Land MEngTech and BEng (Hons) Telematics (Intelligent Transportation System BEng (Hons) SINGAPORE INSTITUTE OF TECHNOLOGY – DIGIPEN INSTITUTE OF TECHNOLOGY SING
	Systems Engineering (ElectroMechanical System)
	 SINGAPORE INSTITUTE OF TECHNOLOGY – NEWCASTLE UNIVERSITY Electrical Power Engineering, MEngTech and Marine Engineering, BEng (Hons) Naval Architecture, BEng (Hons) Offshore Engineering, BEng (Hons) SINGAPORE INSTITUTE OF TECHNOLOGY –
	UNIVERSITY OF GLASGOW Civil Engineering, MEngTech and BEng (Ho
	 SINGAPORE INSTITUTE OF TECHNOLOGY – NEWCASTLE UNIVERSITY Mechanical Design and Manufacturing Enginer SINGAPORE INSTITUTE OF TECHNOLOGY – UNIVERSITY OF GLASGOW Aerospace Engineering, BEng (Hons) Mechanical Engineering, BEng (Hons)
	 Electrical Engineering & Information Technol
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, MEngTech and BEng TECHNICAL UNIVERSITY OF MUNICH Chemical Engineering, BSc

ding Services), d), ns Engineering),	➤ Applicants must fulfil admission requirements
APORE ms), BEng (Hons)	Pass in one of the following H2 or HL subjects (Mathematics, Physics or Computing); or a pass in H1 or SL Mathematics
l BEng (Hons)	Applicants must fulfil admission requirements
ns)	
ering, BEng (Hons)	 A good pass in one H1/H2 or SL/HL Mathematics A good pass in one H1/H2 or SL/HL Physics
ology, BSc	 Pass in GP or KI Pass in H2 or HL Mathematics Pass in H2 or HL Science subject GCE A Level/IB applicants need to fulfil the language requirements as stipulated by the German Higher Education System²
	➤ A good pass in any three of the following H1/H2 or SL/HL subjects (Mathematics, Physics, Chemistry and Biology)
g (Hons)	 A good pass in one H2 or HL Mathematics A good pass in one H2 or HL Science subject
	 Pass in GP or KI Pass in H2 or HL Mathematics Pass in H2 or HL Science subject GCE A Level/IB applicants need to fulfil the language requirements as stipulated by the German Higher Education System²

	SELECTED LIST OF DEGREE PROGRAMMES ¹	
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), BEng (Hons) SINGAPORE INSTITUTE OF TECHNOLOGY – UNIVERSITY OF GLASGOW Computing Science, BSc (Hons) 	► Applicants must fulfil admission requirements
	DIGIPEN INSTITUTE OF TECHNOLOGY ➤ Computer Science and Game Design, BS ➤ Computer Science in Real-Time Interactive Simulation, BS	Pass in one of the following H2 or HL subjects (Mathematics, Physics or Computing); or a pass in H1 or SL Mathematics
	 DIGIPEN INSTITUTE OF TECHNOLOGY Digital Art and Animation, BFA Game Design, BA 	Applicants must fulfil admission requirements
HEALTH AND SOCIAL SCIENCES	 SINGAPORE INSTITUTE OF TECHNOLOGY Diagnostic Radiography, BSc (Hons) Radiation Therapy, BSc (Hons) SINGAPORE INSTITUTE OF TECHNOLOGY – TRINITY COLLEGE DUBLIN Physiotherapy, BSc (Hons) 	 A good pass in two H2 or HL subjects (Biology, Chemistry, Physics and Mathematics) Applicants must fulfil English requirements
	SINGAPORE INSTITUTE OF TECHNOLOGY ➤ Dietetics and Nutrition, BSc (Hons)	 A good pass in two H2 or HL subjects (Biology, Chemistry, Physics or Mathematics), one of which has to be Chemistry Applicants must fulfil English requirements
	SINGAPORE INSTITUTE OF TECHNOLOGY Occupational Therapy, BSc (Hons)	 A good pass in two H2 or HL subjects, one of which has to be Biology, Chemistry, Physics or Mathematics Applicants must fulfil English requirements
	UNIVERSITY OF LIVERPOOL Criminology and Security, BA (Hons)	> Applicants must fulfil admission requirements
DESIGN AND SPECIALISED BUSINESSES	 SINGAPORE INSTITUTE OF TECHNOLOGY Accountancy, BAcc (Hons) Hospitality Business, B (Hons) 	Applicants must fulfil admission requirements
	SINGAPORE INSTITUTE OF TECHNOLOGY → Air Transport Management, BSc (Hons)	➤ A good pass in either H1/H2 or SL/HL Mathematics. Alternatively, a good pass in Mathematics or Additional Mathematics at GCE O Level or equivalent ³
	 THE CULINARY INSTITUTE OF AMERICA Food Business Management (Baking and Pastry Arts), BBA Food Business Management (Culinary Arts), BBA 	See programme-specific requirements at SingaporeTech.edu.sg

Note:

1. 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.

2. GCE A Level applicants must have taken two language subjects, out of which one must be at H1 to fulfil the language requirements as stipulated by the German Higher Education System. If you have been exempted from taking MTL for your GCE A Level, you can retake the subject to fulfil the language requirements. For further enquiries on the language requirements, please contact TUM Asia Admission Office at **admission@tum-asia.edu.sg**.

3. Applicants who did not fulfil the Mathematics requirement will be assessed through an in-house technical test.

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**.



TUITION FEES

Tuition fees for undergraduate programmes at SIT are highly subsidised by the Singapore Government via the Tuition Grant Scheme. Eligible Singapore Citizens (SC) are automatically awarded a Tier A Tuition Grant, which is the highest level of tuition fee subsidy. Eligible Singapore Permanent Residents (SPR) and International Students (IS) may choose to apply for a Tier B and Tier C Tuition Grant respectively.

SC, SPR and IS who have received Tuition Grant 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 Tuition Grant for degree programmes and were conferred degree qualifications will have to pay non-subsidised fees for the entire duration of their new programme. Part-time degree graduates from SUSS (formerly known as UniSIM) who had partially received the Tuition Subsidy to complete their first part-time undergraduate degree will be eligible for pro-rated Tuition Grant as long as they have not received the Ministry of Education (MOE)'s subsidy at a higher qualification level (e.g. postgraduate diploma and master's programme).

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

For students admitted to SIT in Academic Year 2019/20, the annual tuition fees are fixed at the AY2019/20 rate for the duration of their degree programme.

AY2019/20 fees are not available at time of print; please visit **SingaporeTech.edu.sg** for updates.

AY2018/19 Programme Fees (SGD)					
		Sub			
Undergraduate Programmes	Cluster	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	Non-subsidised Fees (Total Cost) ²
SIT-conferred/SIT	Engineering	Per credit rate is \$135.50 – \$179.50	Per credit rate is \$262 – \$350	Per credit rate is \$330 – \$441	Per credit rate is \$499 – \$616
Joint Degrees ³ (Three Trimesters Per Year)	Engineering	Total: \$24,390 – \$43,080	Total: \$47,160 – \$84,000	Total: \$63,558 – \$113,248.80	Total: \$96,108 – \$158,189
	Chemical Engineering and Food Technology	Per credit rate is \$135.50 – \$172	Per credit rate is \$262 – \$336.67	Per credit rate is \$330 – \$425	Per credit rate is \$499 – \$592
		Total: \$32,520 – \$41,280	Total: \$62,880 – \$80,800	Total: \$84,744 – \$109,140	Total: \$128,144 – \$152,026
	Infocomm Technology	Per credit rate is \$135.50	Per credit rate is \$262	Per credit rate is \$330	Per credit rate is \$499
		Total: \$24,390 – \$32,520	Total: \$47,160 – \$62,880	Total: \$63,558 – \$84,744	Total: \$96,108 – \$128,144
	Health and Social Sciences	Per credit rate is \$153 – \$172	Per credit rate is \$295 – \$336.67	Per credit rate is \$375 – \$425	Per credit rate is \$563 – \$592
		Total: \$20,640 – \$41,280	Total: \$40,400 – \$80,800	Total: \$54,570 – \$109,140	Total: \$76,013 – \$152,026
	Design and	Per credit rate is \$153	Per credit rate is \$295	Per credit rate is \$375	Per credit rate is \$563
	Businesses	Total: \$27,540	Total: \$53,100	Total: \$72,225	Total: \$108,434

AY2018/19 Programme Fees (SGD)					
		Subsidised Fees (Annual Cost)			
Overseas University Partner Degrees ⁴ (Two Semesters Per Year)	All Clusters	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	Non-subsidised Fees (Total Cost)²
		Total: \$10,380 – \$15,570	Total: \$20,200 – \$30,600	Total: \$27,285 – \$41,195	Total: \$38,007 – \$50,462

AY2018/19 Programme Fees (SGD)					
Postgraduate Programmes⁵	Duration	Subsidised Fe	Non subsidized		
		Singapore Citizens ¹	Singapore Permanent Residents ¹	Fees (Total Cost) ²	
Sustainable Infrastructure Engineering (Building Services), MEngTech ⁶	Eight-month (Two Trimesters /60 Credits)	Per credit rate is \$143.50	Per credit rate is \$201	Per credit rate is \$529.50	
Sustainable Infrastructure Engineering (Land), MEngTech ⁶		Total: \$8,610	Total: \$12,060	Total: \$33,994	
Electrical Power Engineering, MEngTech ⁷	12-month (Three Trimesters /60 Credits)				

Note:

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

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).

3. 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.

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

5. The fees for other postgraduate programmes are unavailable at time of print.

6. 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.

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

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 AY2019 and had accepted the offer, they pay the subsidised tuition fees applicable for AY2019 when they join SIT in AY2021. If they had reapplied for a new programme in AY2020, they would still pay the subsidised tuition fees applicable for AY2019 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.

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

	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 So od CCA records For SIT or joint degree programmes: Completed 60 credits For OU degree programmes: Entering final year of degree program 		

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
- > EPS Computer Systems Scholarship
- > Feng Ming Scholarship
- > Ho Bee Scholarship
- Kewalram Chanrai Group Scholarship
- ► KKH Scholarship
- Lim Siah Mong Scholarship
- McLink Scholarship
- > Mr & Mrs Ko Seng Gie Scholarship
- Nexia TS Public Accounting Corporation Financial Scholarship
- Rotary Club of Bugis Junction Scholarship
- RSM Singapore Financial Scholarship
- > SBF Foundation Scholarship
- SCCCF Scholarship
- Seagift Scholarship
- Select Group Scholarship
- Singapore Chemical Industry Council Financial Scholarship
- Tan Sri (Dr) Tan Chin Tuan Scholarship
- > Teknor Apex Asia Pacific Financial Scholarship
- > The Abang Scholarship
- > The Ngee Ann Kongsi Scholarship
- TUCSS Engineering 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 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

Continental Automotive Singapore Book Prize in Instrumentation and Displays

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 Security

EPS Computer Systems Book Prize in Web Systems and Technologies

EPS Computer Systems Outstanding Student Award in Information and Communications Technology

EY Outstanding Student Award In IWSP

Fairmont Singapore and Swissôtel The Stamford Book Prize in Hotel Project Management

Fullerton Health & Radlink-Asia Yearly Performance Award for Diagnostic Radiography

Fullerton Health Group Outstanding Student Award For Nursing Fullerton Health Yearly Performance Award for Physiotherapy

Furama Hotels Book Prize in Capstone Project

Grand Hyatt Singapore Book Prize in Revenue Management

IES-IStructE Joint Committee Book Prize

IMDA Gold Medal

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

Kaspersky Book Prize in Digital Forensics

Kaspersky Book Prize in Malware Analysis and Defense

Kaspersky Cybersecurity Award

Keppel Gold Medals

Kevin Liang Book Prize in Introduction to Gastronomy

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

Loh Chia Heng Accountancy Award

Mount Alvernia Hospital Book Prize in Development in Nursing Practice

Nexia TS Public Accounting Corporation Book Prize in Auditing

OceanMaster Engineering Book Prize in HVAC 1

Pacific World Book Prize in Destination Management

PKF Book Prize in Change Management

PwC's Final Year Accountancy Student Award

Professor Wu Dao Quan Outstanding Engineering Student Award

Radiology & Co. Book Prize in Clinical Radiography Practice 1

Raffles Hotel Singapore Book Prize in Service Innovation

Rohde & Schwarz Outstanding Student Award in Systems Engineering (Electromechanical Systems)

Rotary Club of Jurong Town Book Prize in Intermediate & Long Term Care (Endowed) RSA Book Prize in Operations Security & Incident Management

Samwoh Corporation Outstanding Student Award in Civil Engineering

SBS Transit Outstanding Student Award In IWSP In Sustainable Infrastructure Engineering (Land)

Siemens Book Prize in Systems & Software Engineering

Singapore Accountancy Commission Outstanding Student Leader Award

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

SMRT Outstanding Student Award in Sustainable Infrastructure Engineering (Land)

SP Group Book Prize in Electrical Systems

Sprinkler Fire Systems Book Prize in Fire Engineering Fundamentals

Sprinkler Fire Systems Book Prize in Heat Exchanger and Heat Pump

steel.sg Book Prize in Civil Engineering Materials

steel.sg Book Prize in Design of Steel and Concrete Structures

Texas Instruments Singapore Book Prize in Computer Organisation and Architecture

The Foo Family Outstanding Student Award For Excellence in Problem Solving Component of IWSP In Food Technology

The Four Seasons Hotel Book Prize in Fundamentals of Hospitality Business

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

The Park Hotel Group Book Prize in Hospitality Interactive Marketing

The Ritz-Carlton Millenia Singapore Book Prize in Service Quality Management

Thomson Medical Final Year Nursing Student Award

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



SIT is committed to provide students access to an excellent education without letting any financial challenges get in the way. Through the financial assistance schemes available, students will be empowered to take charge of their education journey.

Information is correct at the time of print.

For more details, please visit Students who wish to apply for any of the financial assistance schemes may access the SingaporeTech.edu.sg.

Please note that applications for loan schemes, subsidies, bursaries and grants must be submitted within the stipulated deadlines.

respective application forms online.

DONATED BURSARIES AND STUDY GRANTS

These bursaries and study grants have been established at SIT, thanks to philanthropic gifts from donors to support undergraduates in financial need. For details on their respective eligibility criteria, award quantum, usage conditions and application deadlines, please refer to **SingaporeTech.edu.sg**.

DONATED BURSARIES/STUDY GRANTS	RESIDENCY CRITERION	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
Aviva Bursary	SC/SPR	\$5,000
Buddhist Compassion Relief Tzu Chi Foundation Bursary	SC/SPR	\$8,000
Choo Chiau Beng Bursary	SC	\$5,000
CLASS Bursary	SC	\$3,600
Dou Yee Enterprises Bursary	SC/SPR	\$5,000
FEINMETALL Bursary	SC	\$5,000
Firefense Bursary	ALL	\$5,000
Foong Family Bursary	SC	\$5,000
Geo Energy Bursary	SC/SPR	\$5,000
GIC Sparks Study Grant	SC	\$5,000
Goh Bee Gah Bursary	SC	\$5,000
Goh Family Bursary	SC	\$5,000
Goh Foundation Allowance	SC	\$2,000
Goh Foundation Bursary	SC	\$6,250
Hong Leong Foundation Bursary	SC	\$5,000
Hotel 81 – Choo Chong Ngen Bursary	SC	\$5,000
HSC Foundation Bursary	ALL	\$5,000
HSH 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
Kwai Fong & Raymond Goh Study Grant	SC	\$5,000
Kwan Im Thong Hood Cho Temple Bursary	SC	\$5,000
Lee Foundation Bursary	SC/SPR	\$6,220
Lee Foundation Emergency Grant	SC/SPR	\$5,000
Leow Sik Kee Bursary	SC	\$6,000
Li Ah Ngor Bursary	ALL	\$5,000
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

DONATED BURSARIES AND STUDY GRANTS

DONATED BURSARIES/STUDY GRANTS	RESIDENCY CRITERION	QUANTUM PER ACADEMIC YEAR (SGD)
Lo Hock Ling Bursary	SC	\$5,000
Low Ming Wah Study Grant	SC	\$5,000
Loyang Tua Pek Kong Bursary	SC/SPR	\$5,000
M.Tech Bursary	SC/SPR	\$5,000
Mapletree Bursary	SC	\$5,000
Marina Bay Sands [®] Bursary	SC/SPR	\$5,000
Microcast Bursary	SC/SPR	\$5,000
Ng Sheng Poh and Quek Siew Keow Bursary	SC	\$5,000
Ocean Tankers Bursary	SC	\$5,000
Paul Tseng Study Grant	SC/SPR	\$3,000
Q'son Kitchen Equipment Bursary	SC	\$5,000
Rotary Club of Jurong Town Bursary	SC	\$5,000
S.S. Jhunjhnuwala - Naumi Hotel Bursary	SC/SPR	\$5,000
Samwoh Corporation Bursary	SC/SPR	\$5,000
Samwoh Corporation Global Immersion Study Grant	SC/SPR	\$5,000
SATS Foundation Bursary	SC	\$5,000
Silent Minority Bursary	SC (Malay, Indian, Eurasian descent)	\$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
steel.sg Study Grant	SC	\$5,000
Super Bean Bursary	SC/SPR	\$5,000
TAK Bursary	SC	\$5,000
陈冯 (Tan - Foong) Allowance	SC	\$2,400
Te Lay Hoon Foundation Bursary	SC/SPR	\$5,000
Teo - Tan Family Study Grant	SC	\$5,000
The Applied Materials Bursary	SC	\$5,000
The Inspire Bursary	SC	\$5,000
Thomson Shin Min Foundation Bursary	SC	\$5,000
Thye Hong Study Grant	SC/MY	\$5,000
Tiong Seng Bursary	SC/SPR	\$5,000
TME Bursary	ALL	\$5,000
T T J Design and Engineering Overseas Immersion Programme Grant	SC/SPR	\$4,000
Woh Hup Bursary	SC/SPR	\$5,000
Wong Family Bursary	SC	\$5,000
Wong Kwok Leong (黄国量) 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 Bursary	SC/MY	\$3,000
Yangzheng Foundation Bursary	SC	\$6,250
Yeakin Study Grant	SC	\$5,000
Xiao De Emergency Fund	ALL	\$9,750

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), 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, MEngTech and 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

- > Aerospace Engineering, BEng (Hons)
- Civil Engineering, MEngTech and BEng (Hons)
- > Mechanical Engineering, BEng (Hons)

TECHNICAL UNIVERSITY OF MUNICH

> Electrical Engineering & Information Technology, BSc

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, MEngTech and 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), BEng (Hons)

SINGAPORE INSTITUTE OF TECHNOLOGY – UNIVERSITY OF GLASGOW

> Computing Science, BSc (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

HEALTH AND SOCIAL SCIENCES

SINGAPORE INSTITUTE OF TECHNOLOGY

- > Diagnostic Radiography, BSc (Hons)
- > Dietetics and Nutrition, 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

UNIVERSITY OF LIVERPOOL

Criminology and Security, BA (Hons)

DESIGN AND SPECIALISED BUSINESSES

SINGAPORE INSTITUTE OF TECHNOLOGY

- > Accountancy, BAcc (Hons)
- > Air Transport Management, BSc (Hons)
- > Hospitality Business, B (Hons)

THE CULINARY INSTITUTE OF AMERICA

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

THE GLASGOW SCHOOL OF ART

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

ENGINEERING



The applied learning curriculum at SIT is very conducive for a hands-on person like me. The lab sessions in school are just one of the numerous avenues where we can apply our knowledge in industry projects. Reading a joint degree programme with Newcastle University provided me the chance to travel to Newcastle, UK for my OIP, where I experienced the different cultures and teaching styles."

Low En Yu, Rachel

Year Three Electrical Power Engineering, BEng (Hons) Singapore Institute of Technology – Newcastle University



Scan the QR code to find out more. \Box

The IWSP, which is a key feature in SIT-conferred degree programmes, allowed me to build strong rapport with the industry and determine if the position I wanted, is a good match for me. Most of my friends and I were offered full-time permanent positions at our IWSP companies even before graduation!"

Tengku Muhammad Khalaf Bin Tengku Zainal Shah

Executive Engineer SMRT Corporation Ltd Graduate (2018) Sustainable Infrastructure Engineering (Land), MEngTech and BEng (Hons) Singapore Institute of Technology



Scan the QR code to find out more.

SINGAPORE INSTITUTE OF TECHNOLOGY

DEGREE PROGRAMME

> BEng (Hons)

CAMPUS LOCATION

> SIT@Dover

ELIGIBILITY¹

- 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

HANDBOOK

DEGREE PROGRAMME

AIRCRAFT SYSTEMS ENGINEERING

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 cuts across 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
- > Human Factors
- > Air Legislation
- Fixed Wing Systems
- > Aircraft Electrical and Cabin System
- > Aircraft Propulsion
- Eight-month Integrated Work Study Programme (IWSP)



DEGREE PROGRAMMES

- > BEng (Hons)
- > MEngTech

CAMPUS LOCATIONS

- > SIT@Dover
- SIT@SP Building

ELIGIBILITY¹

- > Polytechnic Diploma Holders
- > A Level/IB Diploma/NUS High
- School Diploma Holders

CAREER OPPORTUNITIES

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

SUSTAINABLE INFRASTRUCTURE ENGINEERING (BUILDING SERVICES)

The Sustainable Infrastructure Engineering (SIE) (Building Services) programme is developed in consultation with the Building and Construction Authority (BCA), Singapore. The programme provides mechanical engineering training with a focus on the delivery of sustainable buildings to prepare students to become building mechanical engineers. 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. SIE (Building Services) students are being trained to be eligible for Professional Engineering (Mechanical) qualification.

CURRICULUM HIGHLIGHTS

- > Building Information Modelling (BIM)
- > Thermodynamics and Fluid Mechanics
- > Sustainable Building Engineering
- > Heating, Ventilation and Air-
- Conditioning (HVAC)
- > Fire Engineering and Management
- > Building Energy Simulation
- > 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 (MEngTech) programme. Students may also obtain professional certifications in Green Mark Certification, Fire Services Safety Management and Workplace Safety and Health.



DEGREE PROGRAMMES

- > BEng (Hons)
- > MEngTech

CAMPUS LOCATIONS

- > SIT@Dover
- > SIT@SP Building

ELIGIBILITY¹

- > 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

SUSTAINABLE INFRASTRUCTURE ENGINEERING (LAND)

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 the 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)
- > Lean Management in Engineering
- > 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 (MEngTech) programme. This unique curriculum design also allows students to attain the professional NDT Level II or NDT Level III (Partial) certification



DEGREE PROGRAMME

>BEng (Hons)

CAMPUS LOCATION

≻ SIT@Dover

ELIGIBILITY¹

> 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 System)

 Project Manager/Officer/Engineer

(INTELLIGENT TRANSPORTATION SYSTEMS ENGINEERING)

A first-of-its-kind degree offered in Singapore, the Telematics (Intelligent Transportation Systems Engineering) programme has been developed in partnership 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.

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

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SYSTEMS ENGINEERING (ELECTROMECHANICAL SYSTEMS)

DEGREE PROGRAMME

> BEng (Hons)

CAMPUS LOCATIONS

- > SIT@Dover
- > SIT@SP Building

ELIGIBILITY¹

- > Polytechnic Diploma Holders
- > A Level/IB Diploma/NUS High
- School Diploma Holders

CAREER OPPORTUNITIES

- > Systems Engineer
- > Project Engineer
- > Mechatronics Engineer
- > Software Engineer

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 acquired knowledge, to solve complex industrial problems that will provide them the versatility to adapt to an evolving technological environment.

CURRICULUM HIGHLIGHTS

Management

- > Foundation Studies in Physics, Mathematics and Computer Skills
- > Mechatronics and Software Engineering

> Systems Engineering and Project

- > Eight- to 12-month Integrated Work Study Programme (IWSP)
- > Overseas Immersion Programme (OIP)

SINGAPORE Institute of Fechnology

Newcastle University

ELECTRICAL POWER **ENGINEERING**

DEGREE PROGRAMMES

- > BEng (Hons) Jointly offered by SIT and Newcastle University (NU)
- MEngTech Solely offered by SIT

CAMPUS LOCATION

> SIT@NYP Building

ELIGIBILITY¹

- > 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 and Utilities
- > Energy Market Management
- > Transportation and Mobility
- > Marine and Aerospace Electrical
- > Oil, Gas and Renewables
- > Electronic Systems Design
- > Electrical Services and Consultancy
- > Research and Development

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.

CURRICULUM HIGHLIGHTS

> Generation, Transmission and Distribution

> Electrical Machines and Generators

- > Renewable Energy Systems
- > High Voltage Technology

> Power Electronics

Controller Design > 26-week Integrated Work Study Programme (IWSP)

> State Space Analysis and

- > Overseas Immersion Programme (OIP)
- Students who perform well in the BEng (Hons) programme and/or applicants with relevant working experience may proceed to pursue the Master of Engineering Technology in Electrical Power Engineering (MEngTech) programme. This provides further learning needed for Chartered Engineers or Professional Engineers registration.



MARINE ENGINEERING/ NAVAL ARCHITECTURE/ OFFSHORE ENGINEERING

DEGREE PROGRAMME

> BEng (Hons)

CAMPUS LOCATIONS

- ≻ SIT@Dover
- > SIT@NP Building
- > SIT@SP Building

ELIGIBILITY¹

- > 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
- Shipping and Ship Management Companies

Engineers and naval architects in the marine and offshore industry need the right set of skills to perform effectively in a fast-changing environment. The ability to address development proactively and 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.

CURRICULUM HIGHLIGHTS

- > Naval Architecture
- > Marine Structures
- > Ship Resistance and Propulsion
- > Marine Transport Business
- Advanced Ship and Offshore Hydrodynamics
- 26-week Integrated Work Study Programme (IWSP)
 - > Overseas Immersion Programme (OIP)

> Knowledge of Classification Society

Internal Combustion Engines

> Drilling Engineering



Wewcastle University

MECHANICAL DESIGN AND MANUFACTURING ENGINEERING

DEGREE PROGRAMME

> BEng (Hons)

CAMPUS LOCATION

SIT@NYP Building

ELIGIBILITY¹

- > 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

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.

- > 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)

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AEROSPACE ENGINEERING

DEGREE PROGRAMME

> BEng (Hons)

CAMPUS LOCATION

SIT@NP Building

ELIGIBILITY¹

- > Polytechnic Diploma Holders
- > A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES

Graduates can look forward to careers in these areas:

- > Unmanned Aerial Systems (UAS)
- > Defense Contractors
- > Aircraft Engine Design and Servicing
- > Flight Simulation and Testing
- > Air Traffic Control
- Manufacturing and Production Engineering

Aerospace Engineering is a three-year honours degree programme offered by SIT and University of Glasgow (UofG). This unique programme will help students build a sound foundation in aerospace engineering through a curriculum that merges fundamental engineering knowledge with specialised topics in unmanned aerial systems (UAS). Aimed at meeting the growing manpower demands in the local and global aerospace engineering field with a strong emphasis on autonomous aerial vehicles, this programme will enable students to apply the theoretical knowledge, enhance and refine their technical skills through solving critical, real world engineering challenges which will better prepare them for their future workplace.

CURRICULUM HIGHLIGHTS

> Aerospace Propulsion

- > Aerodynamics and Computational Fluid Dynamics (CFD)
- > Aircraft Structures
- ctures
- > Capstone Project
- > UAS Design and Build Projects
- > Flight Control Systems
- Eight-month Integrated Work Study Programme (IWSP)
- > Overseas Immersion Programme (OIP)

ENGINEERING

SIT SINGAPORE INSTITUTE OF TECHNOLOGY

University of Glasgow

DEGREE PROGRAMMES

- BEng (Hons) Jointly offered by SIT and the University of Glasgow (UofG)
- > MEngTech Solely offered by SIT

CAMPUS LOCATION

> SIT@Dover

ELIGIBILITY¹

- > 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 (MEngTech) programme.



MECHANICAL ENGINEERING

DEGREE PROGRAMME

> BEng (Hons)

CAMPUS LOCATION

> SIT@NP Building

ELIGIBILITY¹

- Polytechnic Diploma HoldersA Level/IB Diploma/NUS High
- School Diploma Holders

CAREER OPPORTUNITIES

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

The SIT-University of Glasgow (UofG) Mechanical Engineering is a three-year honours degree programme that provides a solid foundation in mechanical engineering and digital skill sets. Students will have a choice of specialisation in Design or Mechatronics. With the need to keep up with industrial challenges of today, students will be equipped with the knowledge, understanding and skills for mechanical engineering and acquire advanced knowledge in Industrial Internet of Things (IIoT), data analytics and digital designs through project-based multidisciplinary learning and direct industrial immersion. The degree aims to train graduates to meet the growing manpower demands in key industry sectors in Singapore, including medical technology, industrial automation/robotics, smart manufacturing, maritime and healthcare.

CURRICULUM HIGHLIGHTS

- Smart Designs
- > Industrial Internet of Things (IIoT)
- > UI/UX Design
- > Healthcare Systems Engineering
- > Automation and Robotics
- > Unmanned Systems (Machine Learning)

- > Co-bot Design and Build
- Data Analytics
- Eight-month Integrated Work Study Programme (IWSP)
- > Overseas Immersion Programme (OIP)



DEGREE PROGRAMME > BSc

DD

CAMPUS LOCATION

SIT@SP Building

ELIGIBILITY¹

- Relevant Polytechnic Diploma Holders
- > A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES

Graduates can look forward to careers in these areas:

- > Automotive Industries
- > Electronics Industries
- Information Technology
- Manufacturing Industries
- Power Industries
- > Telecommunications
- Transport Industries
- Utilities Companies

ELECTRICAL ENGINEERING & INFORMATION TECHNOLOGY

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.

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

CHEMICAL ENGINEERING AND FOOD TECHNOLOGY



I was attracted to the IWSP component at SIT as it offers a longer industrial attachment before graduation. I also had the opportunity to go for overseas industrial visits where I could observe best practices at pharmaceutical drug manufacturing plants that are applicable to what I have studied in the classroom. These experiences have boosted my self-confidence before stepping out into the industry."

Neo Jia Qi

Year Two Pharmaceutical Engineerin BEng (Hons) Singapore Institute of Technology



Scan the QR code to find out more.



The block-teaching structure at TUM trained me to be resilient and enabled me to adapt to the curve balls that were thrown at me. One of my best memories was my OIP experience as it was a good opportunity to live in a different country and immerse into the German culture."

Aaron Jeremiah De Silva

Process Engineer Pfizer Asia Pacific Pte Ltd Graduate (2015) Chemical Engineering, BSc Technical University of Munich



Scan the QR code to find out more.



DEGREE PROGRAMME

≻ BEng (Hons)

CAMPUS LOCATION

> JII @D0vei

ELIGIBILITY¹

> 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) degree in Singapore, this programme is built on an interdisciplinary curriculum that integrates engineering, life science and chemistry with an industry focus. The goal of this programme

programme is built on an interdisciplinary curriculum that integrates engineering, life science and chemistry with an industry focus. The goal of this programme is to produce graduates who are both theoretically-grounded and practiceoriented for the knowledge-intensive pharmaceutical industry and related sectors. Distinguished by a curriculum that is strongly girded with cutting-edge, industrycompliant concepts and know-how, students will be trained in core competencies of 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)

SIT SINGAPORE INSTITUTE OF TECHNOLOGY

DEGREE PROGRAMME

>BFoodTech (Hons)

CAMPUS LOCATION

> SII@Dover

ELIGIBILITY¹

 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
- > Sensory, Nutrition and Regulatory

FOOD TECHNOLOGY

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 companies through SIT's unique Integrated Work Study Programme (IWSP).

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

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CHEMICAL ENGINEERING

DEGREE PROGRAMMES

- BEng (Hons) Jointly offered by SIT and Newcastle University (NU)
- > MEngTech Solely offered by SIT

CAMPUS LOCATIONS

- > SIT@Dover
- > SIT@NP Building

ELIGIBILITY¹

- > 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)

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



DEGREE PROGRAMME

≻BSc

CAMPUS LOCATION

> SIT@SP Building

ELIGIBILITY¹

- Relevant Polytechnic Diploma Holders
- > A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES

Graduates can look forward to careers in these areas:

- Petrochemical Industries
- Fine and Speciality Chemicals
- Commodity Chemicals
- Pharmaceutical Industries
- > Wastewater Management

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)

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

CHEMICAL

INFOCOMM TECHNOLOGY

As a kinaesthetic learner, it is easier to grasp concepts through the applied learning environment in SIT. Having built a strong foundation in the first year, I was able to pick up advanced concepts, such as programming frameworks, with ease. I was also encouraged to participate in industry events such as Capture The Flag (CTF) competitions, which challenged me to push beyond my limits, in addition to learning from my peers and mentors."

Wong Yi Jing

Year Two Information and Communications Technology (Information Security), BEng (Hons) Singapore Institute of Technology



Scan the QR code to find out more.



The hands-on game projects that I had to build from scratch every semester prepared me well for the workforce. Dealing with strict deadlines while handling a variety of issues taught me to be resilient and think outside the box. The knowledge and rigorous training from my days at SIT have made me the proficient game developer I am today."

Timothy Tham

Game Developer Jackpot Interactive Pte Ltd Graduate (2013) Computer Science in Real-Time Interactive Simulation, BS DigiPen Institute of Technology



Scan the QR code to find out more.



INFORMATION AND COMMUNICATIONS TECHNOLOGY (INFORMATION SECURITY)

DEGREE PROGRAMME

>BEng (Hons)

CAMPUS LOCATION

SIT@NYP Building

ELIGIBILITY¹

- 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

As the first information security degree programme offered among local autonomous universities, it is designed to provide students with the necessary industry-relevant knowledge and practical technical skills. The curriculum is based on three key attributes – highly-specialised, practice-oriented and industryfocussed. Building on core computer science fundamentals, specialised in-depth knowledge and technical skills, the curriculum adopts a holistic approach towards information security, covering the offence, 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)



INFORMATION AND COMMUNICATIONS TECHNOLOGY (SOFTWARE ENGINEERING)

DEGREE PROGRAMME

> BEng (Hons)

CAMPUS LOCATION

> SIT@NYP Building

ELIGIBILITY¹

- > 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.

- 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)

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DEGREE PROGRAMME

▶ BEng (Hons)

CAMPUS LOCATION > SIT@Dover

> SII@Dover

ELIGIBILITY¹

- > 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

TELEMATICS (INTELLIGENT TRANSPORTATION ______ SYSTEMS ENGINEERING)

A first-of-its-kind degree offered in Singapore, the Telematics (Intelligent Transportation Systems Engineering) programme has been developed in partnership 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
- > Design Project
- Eight-month Integrated Work Study Programme (IWSP)

COMPUTING

SCIENCE

SIT SINGAPORE INSTITUTE OF INSTITUTE OF INSTITUTE OF Of Glasgow

DEGREE PROGRAMME

> BSc (Hons)

CAMPUS LOCATION

SIT@NYP Building

ELIGIBILITY¹

- > Polytechnic Diploma Holders
- > A Level/IB Diploma/NUS High School 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
- IoT Engineer/IoT Solution Architect

The SIT-University of Glasgow (UofG) Computing Science is a three-year honours degree programme which encompasses a broad-based computer science curriculum that combines essential knowledge from the Internet of Things (IoT), Software Engineering, Data Analytics and Machine Learning. The degree aims to meet the growing demand for computing graduates and software developers, and to support the manpower needs of the government's Smart Nation initiative. Students will be equipped with a strong computing science foundation, and be able to apply their software and hardware training to develop innovative IoT solutions in different IT-related roles when they graduate.

- > Professional Software Development
- > Human Computer Interaction
- Cloud and Distributed Computing
- Embedded Systems and Sensor Programming
- > Data Analytics
- > Cyber Security Fundamentals
- > IoT: Protocols and Networks
- > Machine Learning
- > Mobile App Development
- > Capstone Project
- Eight-month Integrated Work Study Programme (IWSP)
- > Overseas Immersion Programme (OIP)

DEGREE PROGRAMME HANDBOOK



DEGREE PROGRAMME > BS

CAMPUS LOCATION

> SIT@SP Building

ELIGIBILITY¹

- > Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES

- > Software Development Engineer
- > Gameplay Programmer
- > System Designer
- > Game Designer

COMPUTER SCIENCE _ AND GAME DESIGN

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

> Advanced C/C++

> Operating System I:

Man-Machine Interface

- > Game Implementation Techniques
- > Artificial Intelligence for Games
- Introduction to Psychology
- > Overseas Immersion Programme (OIP)



DEGREE PROGRAMME > BS

CAMPUS LOCATION

> SIT@SP Building

ELIGIBILITY¹

- > Polytechnic Diploma Holders
- > A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES

- > Software Analyst
- > Computer Scientist
- > Game Engine Developer
- > Software Engineer

COMPUTER SCIENCE IN REAL-TIME INTERACTIVE SIMULATION

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.

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



DIGITAL ART AND ANIMATION

DEGREE PROGRAMME > BFA

CAMPUS LOCATION

SIT@SP Building

ELIGIBILITY¹

- > Polytechnic Diploma Holders
- > A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES

- > Character Animator
- Concept Artist
- > Illustrator
- > Storyboard Artist



DEGREE PROGRAMME

> BA

CAMPUS LOCATION

> SIT@SP Building

ELIGIBILITY¹

- > Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES

- > Game Designer
- > System Designer
- > Level Designer
- > User Interface Designer

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)

GAME DESIGN

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

- > 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)

HEALTH AND SOCIAL SCIENCES



I chose SIT over the other universities as it offers practical degree courses that are relevant and in demand in the industry. As a future radiation therapist, the 40 weeks of clinical attachments will provide me with a good glimpse of working life after graduation. As lecturers also hold joint appointments at the hospitals, I found that case examples cited by them are relevant and current."

Regina Poh Bao Jing Year Three Radiation Therapy, BSc (Ho

Radiation Therapy, BSc (Hc Singapore Institute of Technology



Scan the QR code to find out more.



Having experienced working with other radiographers during my OIP in Dublin helped shape my thinking. In the workplace, I can now bring different perspectives into our local context. The challenge of a radiographer is to be able to think on our feet and adapt to the patient's ability to enable a thorough examination, which I felt that the applied learning approach at SIT had equipped me with the necessary skills."

Tan Yi Sheng

Radiographer Singapore General Hospital Graduate (2018) Diagnostic Radiography, BSc Singapore Institute of Technology – Trinity College Dublin



Scan the QR code to find out more.



➤ BSc (Hons)

CAMPUS LOCATION

ELIGIBILITY¹

- 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:

- > Public and Private Hospitals
- > Private Clinics
- > Medical Centres

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
- > 40-week Clinical Practice Education

DIAGNOSTIC

RADIOGRAPHY



DEGREE PROGRAMME

> BSc (Hons)

CAMPUS LOCATION

> SIT@Dover

ELIGIBILITY¹

- Relevant Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES

Graduates can be employed as dietitians in a variety of settings, such as:

- > Public and Private Hospitals
- Community Hospitals
- Intermediate and Long-Term Care Organisations including Nursing Homes and Rehabilitation Centres
- Private Practices
- > Polyclinics

DIETETICS AND NUTRITION

The Bachelor of Science with Honours in Dietetics and Nutrition is a four-year degree programme that aims to address the growing demand of dietetic manpower in hospitals and intermediate long-term care (ILTC) settings in Singapore. As the first dietetics degree programme to be offered by an autonomous university in Singapore, this programme will provide students with evidence-based theoretical knowledge, research skills, and practical experience across all domains of dietetic practice (individual clinical case management, community and public health nutrition and food service management). The programme has been designed to meet the academic requirements and clinical competencies for graduate entry-level professional dietitians based on international educational standards for professional dietetic practice. The curriculum has been developed in close consultation with the chief dietitians from the major healthcare clusters in Singapore in order to provide students with up-to-date and relevant knowledge as well as specialised skills in all domains of dietetic practice.

- Biochemistry
- > Nutrition Throughout the Lifespan
- > Community and Public Health Nutrition
- Communication Skills and Nutritional Counselling
- > Medical Nutrition Therapy
- Dietetics Leadership
 - 32-week Clinical Practice Education



DEGREE PROGRAMME

> BSc (Hons)

CAMPUS LOCATION

JI @Dovei

ELIGIBILITY¹

- 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:

- > Public and Private Hospitals
- Community Hospitals
- Intermediate and Long-Term Care Organisations including Nursing Homes and Rehabilitation Centres
- > Private Practices
- > Government Agencies
- > Polyclinics
- > Special Schools
- > Preschools

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, in order to meet 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

OCCUPATIONAL

- Leadership and Management in Occupational Therapy
- > 30-week Clinical Practice Education

RADIATION

THERAPY



DEGREE PROGRAMME

➤ BSc (Hons)

CAMPUS LOCATION > SIT@Dover

ELIGIBILITY¹

- 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 and 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 degree programme offered in Singapore, the curriculum is developed in close consultation with the radiation therapy industry to ensure relevance and graduates' employability. The programme 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
- > 36-week Clinical Practice Education

THERAPY

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Trinity

College Dublin The University of Dublin

DEGREE PROGRAMME

> BSc (Hons)

CAMPUS LOCATION > SIT@Dover

ELIGIBILITY¹

- > 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:

- Public and Private Hospitals
- > Community Hospitals
- Intermediate and Long-Term Care Organisations including Nursing Homes and Rehabilitation Centres
- Private Practices
- > Government Agencies
- > Polyclinics
- Sports and Military Settings
- > Special Schools



CURRICULUM HIGHLIGHTS

- Physiotherapy (Spine)
- > Advanced Topics in Neurological
- Physiotherapy
- > Neurobiology
- > Enhancing Human Performance by Exercise
- Physiotherapy Across Lifespan (Child and Maternal Health)
- > Creative Thinking and Innovation in Healthcare
- > 30-week Clinical Practice Education
- > Overseas Immersion Programme (OIP)





DEGREE PROGRAMME > BSc

CAMPUS LOCATION

> SIT@Dover

ELIGIBILITY¹

> Relevant Polytechnic **Diploma Holders**

CAREER OPPORTUNITIES

Graduates can be employed as diagnostic radiographers in a variety of settings, such as:

- > Public and Private Hospitals
- Private Clinics
- Medical Centres

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)

facilities in Singapore.

- > Musculoskeletal
- > Cardiopulmonary Physiotherapy

PHYSIOTHERAPY

DIAGNOSTIC

RADIOGRAPHY



NURSING

DEGREE PROGRAMME

> BSc (Hons)

CAMPUS LOCATION > SIT@Dover

- **ELIGIBILITY¹**
- > Relevant Polytechnic
- Diploma Holders
- > Registered Nurse (SNB)

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 postregistration 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 Industry Transformation Plan, graduates may be equipped with critical, analytical and innovative skills, as well as leadership, research, teaching and clinical competencies – much needed qualities for the new roles that nurses will be performing 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 Perspectives
- > Intermediate and Long-Term Care
- > Evidence-Based Practice
- Six-week Clinical Practice Education
- > Overseas Immersion Programme (OIP)



DEGREE PROGRAMME > BSc

CAMPUS LOCATION

> SIT@Dover

ELIGIBILITY¹

> Relevant Polytechnic **Diploma Holders**

CAREER OPPORTUNITIES

Graduates can be employed as occupational therapists in a variety of settings, such as:

- > Public and Private Hospitals
- > Community Hospitals
- > Intermediate and Long-Term Care Organisations including Nursing Homes and Rehabilitation Centres
- > Private Practices
- > Government Agencies
- > Polyclinics
- > Special Schools
- > Preschools

OCCUPATIONAL THERAPY

This one-year honours degree programme is designed to equip students with the skills 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 evidencebased 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)

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



DEGREE PROGRAMME > BSc

CAMPUS LOCATION > SIT@Dover

ELIGIBILITY¹

 Relevant Polytechnic Diploma Holders

CAREER OPPORTUNITIES

Graduates can be employed as physiotherapists in a variety of settings, such as:

- Public and Private Hospitals
- Community Hospitals
- Intermediate and Long-Term Care Organisations including Nursing Homes and Rehabilitation Centres
- Private Practices
- > Government Agencies
- > Polyclinics
- Sports and Military Settings
- > Special Schools

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

PHYSIOTHERAPY

- > Advances in Physiotherapy Practice
- > Overseas Immersion Programme (OIP)

LIVERPOOL

DEGREE PROGRAMME

> BA (Hons)

CAMPUS LOCATION

> SIT@TP Building

ELIGIBILITY¹

- > 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

This programme will be admitting its last intake in AY2019/20.

CRIMINOLOGY AND SECURITY

Transnational Crime

Overseas Immersion Programme (OIP)

Cyber Crime

DESIGN AND SPECIALISED BUSINESSES

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I've always had the passion for food and SIT offered me the best platform to improve my skills. I love interacting with our mentors, professors and chefs as they make lessons so engaging and practical. I am constantly challenged to push boundaries and have built my confidence in planning and executing arduous tasks. Now, I have an improved understanding, admiration and respect for this industry and my craft."

Mohamed Noorhadi Bin Habib Mohameed

Food Business Management, BBA The Culinary Institute of America



Scan the QR code to find out more.



I have benefitted from SIT's approach in honing students' critical and analytical skills through the resources invested by the university and the professors who had delivered content which were highly relevant to the industry. I especially enjoyed my IWSP as a management intern with KPMG Singapore, as it had provided me opportunities to step out of my comfort zone and take on new challenges. SIT has prepared me to be a practice-oriented individual who is ready to take on any task."

Lee Hui Ling

Senior Associate KPMG Singapore Graduate (2017) Accountancy, BAcc (Hons) Singapore Institute of Technology



Scan the QR code to find out more.



DEGREE PROGRAMME

▶ BAcc (Hons)

CAMPUS LOCATION

> SH@D0ver

ELIGIBILITY¹

- > Polytechnic Diploma Holders
- > A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES

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

The Accountancy programme is a three-year direct honours degree, which will hone students' critical and analytical skills and provide them with requisite knowledge for a professional accounting career. Students will go through rigorous academic training and immerse themselves in the accounting industry through an 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 faculty staff with strong relevant industry experience and also be exposed to vital information systems for data analytics and simulation skills (such as Tableau, Qlik Sense, 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 Data Analytics
- > 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)

ACCOUNTANCY

 Eight-month Integrated Work Study Programme (IWSP)

AIR TRANSPORT

MANAGEMENT



DEGREE PROGRAMME

▶ BSc (Hons)

CAMPUS LOCATION

> SIT@RP Building

ELIGIBILITY¹

- > Polytechnic Diploma Holders
- > A Level/IB Diploma/NUS High School Diploma Holders

CAREER OPPORTUNITIES

Graduates can look forward to careers in these areas:

- > Civil Aviation Authority
- > Airlines
- > Airports
- > Ground Handling Agencies
- > Aviation Consultancy Firms

As the only air transport management degree to be offered by an autonomous university in Singapore, this programme aims to play a vital role in the civil aviation industry in Singapore. This three-year programme provides students the opportunity to undertake an applied education in air transport and to acquire the practical knowledge and skills in the areas of management, operations and engineering in the air transport sector. With a strong industry focus and rigorous curriculum, this programme will produce graduates with concrete academic foundation and applied knowledge that will facilitate lifelong learning as they embark on their transport career.

- Airline Operations and Management
- Airport Operations and Management
- > Aviation Human Factors
- Revenue Analysis and Management
- Managerial Economics in Aviation
 Aircraft Performance
- Airclaft Fenomance
 Airline Network and Fleet Planning
- Eight-month Integrated Work Study Programme (IWSP)

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≻ B (Hons)

CAMPUS LOCATION

SIT@RP Building

ELIGIBILITY¹

- > 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
- Tourist Attractions
- Food and Beverage Establishments

HOSPITALITY BUSINESS

As the first and only Hospitality Business degree programme offered by an autonomous university in Singapore, the curriculum is developed in collaboration with the hospitality industry to address the competencies needed to prepare graduates for a management career in the industry. With the aspiration to educate and develop the next generation of constructive, transformational leaders for both the local and global hospitality markets, students will go through rigorous academic content with practical insights. Relevant applications, local contextualisation and international elements will be embedded in all modules. Such purposefulness and consistency serve to build and cement students' mindfulness and astuteness on a range of hospitality aspects. The Hospitality Business programme is also an observer member of the International Centre of Excellence in Tourism and Hospitality Education (THE-ICE).

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
- Hotel Real Estate and Investment

Students will also garner the relevant work experience through:

- Four-month Industrial Attachment (IA)
- Eight-month Integrated Work Study Programme (IWSP)



DEGREE PROGRAMME > BBA

CAMPUS LOCATION

> Temasek Polytechnic

ELIGIBILITY¹

- > Polytechnic Diploma Holders
- > A Level/IB Diploma/NUS High
- School Diploma Holders

CAREER OPPORTUNITIES

- > Executive Pastry Chef
- > Head Baker
- > Entrepreneur
- > Chocolatier
- > Food Writer
- > Caterer

FOOD BUSINESS MANAGEMENT (BAKING AND PASTRY ARTS)

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. It also covers advanced areas such as revenue management and marketing for catering and hospitality businesses, fully preparing students 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)

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



DEGREE PROGRAMME > BBA

CAMPUS LOCATION

> Temasek Polytechnic

ELIGIBILITY¹

- 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

FOOD BUSINESS MANAGEMENT (CULINARY ARTS)

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. It also covers advanced areas such as revenue management and marketing for catering and hospitality businesses, fully preparing students 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 GLASGOW SCHOOL: & ARE SINGAPORE

DEGREE PROGRAMME

> BA (Hons)

CAMPUS LOCATION

> SIT@TP Building

ELIGIBILITY¹

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.)

COMMUNICATION DESIGN

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 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)

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THE GLASGOW SCHOOL & ARE SINGAPORE

DEGREE PROGRAMME > BA (Hons)

CAMPUS LOCATION

SIT@TP Building

ELIGIBILITY¹

> 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)

INTERIOR

DESIGN

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CONTACT US

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- **(**) +65 6592 1136
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SIT@NYP BUILDING

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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

OPERATING HOURS

Mondays to Fridays: 11:00 am to 3:00 pm Closed on Saturdays, Sundays and Public Holidays

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