AY2017/2018

DEGREE PROGRAMME HANDBOOK

SiT SINGAPORE INSTITUTE OF TECHNOLOGY
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SIT, Singapore’s university of applied learning, attracts students of a different calibre. Individuals with the desire to challenge convention and push their own boundaries. Here you can explore your full potential and learn what it takes to excel in your chosen career while discovering how much more there is to university life. With the Integrated Work Study Programme (IWSP), overseas immersions and a host of student life activities, a degree at SIT truly helps you explore the possibilities to bring out your best self.

SingaporeTech.edu.sg
On behalf of the faculty and staff, welcome to SIT!

Since our inception in 2009, SIT has been growing and evolving as Singapore’s university of applied learning. Our undergraduate programmes are targeted at growth sectors of the economy and span five clusters – Engineering, Chemical Engineering and Food Technology, Infocomm Technology, Health and Social Sciences as well as Design and Specialised Businesses. These are offered in partnership with overseas universities, as joint degrees and as SIT-conferred degrees.

Our commitment to your success extends beyond the classroom. You will be taught deep, specialist skills through our applied pedagogy where we integrate theory and practice in a real work environment by providing students with the opportunity to be in industry for eight- to 12-months, while being mentored by SIT teaching staff.

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

As you read through this handbook, you will find many programmes designed to meet your educational needs. Take your time to go through the information thoroughly as you will be making a very important choice – one that will determine your next journey in life. So if you have any questions, please do not hesitate to contact us or simply visit SingaporeTech.edu.sg.

Thank you for considering SIT in your learning journey. We hope to have you join us and become full-fledged SITizens in the very near future!

Professor Tan Thiam Soon
President
Singapore Institute of Technology (SIT) is Singapore’s new autonomous university. 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 an eight- to 12-month Integrated Work Study Programme (IWSP) which exemplifies the best of university-industry collaboration.
WHY SIT?

As the new university of applied learning, SIT is the place where great minds meet to transform dreams into reality. Fully equipped with the necessary skills and knowledge, SIT’s programmes will prepare you for industry and get you ready for work once you graduate.

FIVE REASONS TO JOIN US

Applied Learning Pedagogy
You will learn to combine theory and practice with ease. You will become a professional with deep specialised skills to help industry solve problems and find industry-related applications in your career.

Ready for Industry
Be work-ready in today’s competitive market. SIT’s uniquely structured Integrated Work Study Programme (IWSP), weaved into the SIT-conferred degrees, gives you valuable industry experience for at least eight- to 12-months to develop deep specialised skills.

A Brighter Future
Learn from expert members of academic faculties who are leaders in their respective fields, ready to groom you through a curriculum tailored to your interests and learning style.

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

Grounded in the Community
Harness your talents and passion to benefit others in the community. At SIT, we offer you opportunities to work collaboratively and impact society in a positive way.

SOURCE: 2015 Graduate Employment Survey (GES)
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 course.

OUR STUDENT-CENTRED APPROACH

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

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

**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-ENGAGED**
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.
APPLIED LEARNING IN SIT

FOUNDATIONS OF APPLIED LEARNING IN SIT

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

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

A LEARNING ENVIRONMENT FOR STUDENT ENGAGEMENT

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

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

MY LEARNING EXPERIENCE AT SIT

What drew you to SIT?
For me, it was the amount of exposure to the industry. Firstly, there was the Integrative Team Project (ITP) followed by a year-long Integrated Work Study Programme (IWSP). The opportunities presented me with situations to apply what I had learnt in school as well as learning what the industry needed.

What did you enjoy most about your Integrative Team Project (ITP)?
I enjoyed the process of managing the project and developing it with my peers. Unlike my previous school projects, there were no concrete requirements or milestones set for us to guide us through. We had to conduct our own requirements elicitation and planning, which was quite challenging at first as we had to deal with real clients and manage their expectations.

How have you benefited through your ITP?
The client management and communication experiences are the most beneficial to me as I aim to be in the consultancy profession. The opportunity to learn the soft skills are vital and hard to come by. ITP has also broadened my perspective on the expectations of an IT professional.

How did the Applied Learning approach at SIT prepare you for your career?
The Applied Learning approach at SIT has trained me well in problem-solving situations and most importantly, given me more exposure to the industry. Because we were put into situations to solve real problems existing in the industry, I gained a better understanding of how to utilise the knowledge I’ve learned in school. In the process, I was more resourceful in searching for new ways to solve those problems. The experience made me more comfortable and confident that my skill sets will help me excel in my future career.

Nicholas See Wee Kiat
Year 2
Information and Communications Technology (Software Engineering), BEng (Hons)
Singapore Institute of Technology
INTEGRATED WORK STUDY PROGRAMME

The Integrated Work Study Programme (IWSP) is a key and compulsory feature of all SIT-conferred and joint degree programmes. Your learning journey at SIT provides the opportunity to undertake real work that allows you to integrate theory and practice and develop deep specialised skills in your chosen field. You will undertake eight-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:

**Programmes with IWSP Opportunities:**

**SINGAPORE INSTITUTE OF TECHNOLOGY**
- Accountancy, B (Hons)
- Diagnostic Radiography, BSc (Hons)
- Hospitality Business, B (Hons)
- Information and Communications Technology (Information Security), BEng (Hons)
- Information and Communications Technology (Software Engineering), BEng (Hons)
- Occupational Therapy, BSc (Hons)
- Pharmaceutical Engineering, BEng (Hons)
- Radiation Therapy, BSc (Hons)
- Sustainable Infrastructure Engineering (Building Services), MEngTech and BEng (Hons)
- Sustainable Infrastructure Engineering (Land), MEngTech and BEng (Hons)
- Telematics (Intelligent Transportation Systems Engineering), MEngTech and BEng (Hons)

**SINGAPORE INSTITUTE OF TECHNOLOGY – DIGIPEN INSTITUTE OF TECHNOLOGY**
- Systems Engineering (ElectroMechanical Systems), BEng (Hons)

**SINGAPORE INSTITUTE OF TECHNOLOGY – MASSEY UNIVERSITY**
- Food Technology, BFoodTech (Hons)

**SINGAPORE INSTITUTE OF TECHNOLOGY – NEWCASTLE UNIVERSITY**
- Chemical Engineering, BEng (Hons)
- Electrical Power Engineering, BEng (Hons)
- Marine Engineering, BEng (Hons)
- Mechanical Design and Manufacturing Engineering, BEng (Hons)
- Naval Architecture, BEng (Hons)
- Offshore Engineering, BEng (Hons)

**SINGAPORE INSTITUTE OF TECHNOLOGY – TRINITY COLLEGE DUBLIN**
- Physiotherapy, BSc (Hons)

**SINGAPORE INSTITUTE OF TECHNOLOGY – UNIVERSITY OF GLASGOW**
- Civil Engineering, MEngTech and BEng (Hons)
- Nursing, BSc (Hons)

“...The IWSP mirrors a real-life interview process and work experience. Prior to the interview, the SIT Accountancy faculty and Career Services staff organised seminars and invited industry professionals to share tips on resume writing and interview performance, which were beneficial. During my IWSP stint at Deloitte, I had the opportunity to audit several companies and meet different industry leaders across Singapore. I was able to unlearn the theories covered in school and relearn them in the workplace which helped strengthen my technical knowledge. SIT supervisors were constantly in touch, providing a good channel to exchange feedback. Overall, I had a positive IWSP experience and the best part is, I managed to secure a job before graduation!”

Larry Liauw Ling Han
Year 3
Accountancy, B (Hons)
Singapore Institute of Technology
At SIT, we gear you up for your entrepreneurial journey — from equipping you with fundamental business skills, helping you act on your business ideas, to starting a business. Through the SIT Enterprise & Innovation Hub (E&I Hub) and our strong industry links, your life-long ambition to be an entrepreneur can be realised with our one-stop solution that turns your business ideas into reality.

GETTING READY WITH EIP

The Enterprise Immersion Programme (EIP) is our flagship programme where you can immerse yourself in an enterprising environment to pick up fundamental skills that are critical to starting up a business for your innovative product or service.

Areas of training range from New Media Marketing, Business Plan Writing, Service Excellence, Financial Planning, and Law to Investor Pitching. Our curricula are reviewed constantly to provide our aspiring student entrepreneurs with the right capabilities to tackle the local and global challenges they may face.

Amid rapid societal development coupled with global market forces, our goal is to expose you to cultures that can hone your industry responsiveness. Through EIP, you can immerse yourself in different business cultures overseas. They include Beijing, Suzhou, Shanghai and Kanazawa. EIP is aimed at enriching and boosting your confidence and knowledge in your early business start-up journey.

We provide plenty of networking opportunities in our programmes as you get to link up with local entrepreneurs as well as Singaporean entrepreneurs who have succeeded overseas. You can gain insights from time-tested wisdom such as ‘Sun Tzu’s Art of War’ in business and ‘Kaizen’s Model of Productivity Improvement and Innovation Management’ to apply to your own business start-up.
ENTERPRISE & INNOVATION HUB

ACT ON YOUR IDEAS
Our network of mentors will provide you valuable advice in many aspects of business depending on your needs and company’s business nature. We will assess your business model and help plug the gaps by engaging mentors well-versed in law, business strategy, marketing and technology to support you. If you have a viable business model, SIT will seek funding assistance to move your idea to the next stage. ‘The Catalyst’ MakerSpace is also available for you to develop early-phase product prototypes for your showcase to potential investors.

START A BUSINESS
With your successful application for funding, you may set up your office at SIT’s incubation facility which can be used for meetings and networking with like-minded people.

AN ENTREPRENEUR’S STORY
“I attended a one-week entrepreneurship bootcamp at SIT where I had a crash course in all the fundamental aspects of setting up my own business. E&I Hub invited industry experts who were strong in areas like marketing and law to share information with aspiring entrepreneurs like myself. The mentoring sessions helped me refine my idea further and strengthen my business direction. During the presentation to the panel of industry experts and entrepreneurs invited by E&I Hub, they challenged my business ideas and gave me helpful insights which I could immediately apply to my company. As an SIT student, I am very thankful that there is such strong support for student entrepreneurs like us. E&I Hub helped me and my company obtain seed funding of $10,000, which was extremely useful to fast-track our business. We used this money to build up our marketing infrastructure and hire more manpower.”

Eunice Lim
Founder, Ministry of Adventure
Graduate
Physiotherapy, BSc
Trinity College Dublin
Gain global perspectives across various disciplines and pursue your highest aspirations through our strong ties with nine partner universities from Europe, the United States and Australasia. The Overseas Immersion Programme (OIP) allows you to venture out of your comfort zone and brave new challenges, deepening and broadening your learning journey at SIT.
DigiPen Institute of Technology (DigiPen) is a dedicated, world-renowned leader in education and research in computer interactive technologies. Committed to fostering academic growth and inspiring creativity, DigiPen is the first school in the world to offer a bachelor’s degree in game development. You will be empowered to become either one of these skilled professionals — software developer, computer scientist, engineer, designer and digital artist, through DigiPen’s wealth of experience in the game industry. Located in Redmond, Washington, USA, with branch campuses in Singapore and Bilbao, Spain, DigiPen offers undergraduate and graduate degrees in disciplines related to video game design and development, hardware and software engineering applied to simulation, computer science, fine arts and digital art production, as well as sound design and youth programmes.

DigiPen (Singapore) students have won 16 major awards from the Independent Games Festival, Tokyo Game Show, and other international competitions. Graduates of DigiPen (Singapore) have gone on to work on ground-breaking game franchises, such as Bungie’s Destiny, and have joined some of the top game and animation studios in Singapore — including Ubisoft, Lucasfilm, Koei Tecmo and more.
Massey University is New Zealand’s defining university, with three major campuses in Auckland, Palmerston North and Wellington. Recognised for its expertise in the fields of Food Technology, Sciences, Health, Social Sciences, Creative Arts, Education and Business, you will be taught by internationally renowned academic staff who lead cutting-edge research across its colleges, often in collaboration with other universities, research institutes and industry through its applied nature of its teaching and research programmes.

Ranked in the top 3% of universities worldwide*, Massey has a proud heritage of employing its expertise to work with developing countries. With its focus on technology and business, you will meet the highest international standards.

*QS World University Rankings 2016

www.massey.ac.nz
Newcastle University (NU) is a member of the Russell Group, comprising the United Kingdom’s 24 leading research-intensive universities, and is acclaimed for its multidisciplinary research, focusing on three societal challenges — ageing and health, sustainability and social inclusion. Noted for its teaching excellence and preparedness of its graduates for their professional careers, NU has attained the highest rating of five plus QS Stars by QS World University Rankings. 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 25,000.

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

www.ncl.ac.uk
Technical University of Munich (TUM) is one of Europe’s leading technical universities and is ranked as Germany’s top University*. Having produced 13 Nobel Laureates to date, TUM has played an important role in spearheading technological advancements across Europe based on its strong-seeded principles of creating lasting value for society through excellence and research, and active promotion of entrepreneurial next-generation talent.

Following the same vision, TUM set up a campus in Singapore in 2002, allowing you to experience German education with a curriculum that incorporates a high level of industry relevance. Ranked 11th in the Times Global Employability University Ranking (2015), graduates of TUM are highly sought-after by companies all around the world.

*TU Munich Asia

www.tum-asia.edu.sg
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, you will be taught 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 49,000 alumni include prominent food professionals such as Anthony Bourdain, Cat Cora, Roy Yamaguchi, Charlie Palmer, Maneet Chauhan and Grant Achatz. The historic SIT-CIA partnership marks the first time that the CIA is offering its programmes in Asia.

www.ciachef.edu
Founded in 1845, The Glasgow School of Art (GSA) is one of the last remaining independent art schools in the United Kingdom and is internationally recognised as being at the forefront of developments in visual culture. With a proven history of producing some of the world’s most influential and successful practitioners across design, architecture and fine art, you will be nurtured to become an enterprising and confident graduate who will be fully equipped to enter the creative industries.

Through the Overseas Immersion Programme (OIP), you will be spending three weeks in Scotland at the home campus of GSA and working directly with counterparts on the same programmes. All GSA degree programmes are validated by the University of Glasgow.

www.gsa.ac.uk/singapore
OVERSEAS UNIVERSITY PARTNERS

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

www.tcd.ie

University of Glasgow

Founded in 1451, the University of Glasgow (UoG) is the fourth oldest university in the English-speaking world and is in the top 1% of universities in the world. UoG 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, UoG has inspired thinkers from eminent scientist Lord Kelvin and distinguished engineer James Watt to the father of economics, Adam Smith. Through teaching informed by its broad portfolio of cutting-edge research funded by industry, research councils and governmental agencies, you will graduate with the skills needed to compete in a global workplace, and with friendships and networks that last a lifetime.

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

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

www.liverpool.ac.uk
It was then I truly learned the idea of communicating the message across without any fanciful digital tricks.

Brandon Sim
Year 4
Communication Design, BA (Hons)
The Glasgow School of Art

The OIP was a really good opportunity to explore the city of Liverpool and understand the locals’ way of life, history and culture.

However, exploring aside, I was able to make use of the immense collection of resources readily available in the university library to conduct research for my dissertation. Some of the lectures were also interesting and the speakers were all friendly, making us feel at home. If there is another opportunity for me to return to University of Liverpool, I will definitely go back.

Lim Jia Zhong
Year 3
Criminology and Security, BA (Hons)
University of Liverpool

“At a workshop during my OIP in Glasgow, we were tasked to do our project without the use of computers.

It was then I truly learned the idea of communicating the message across without any fanciful digital tricks.”

Brandon Sim
Year 4
Communication Design, BA (Hons)
The Glasgow School of Art

OVERSEAS IMMERSION PROGRAMME

Expand your education with a global outlook through our Overseas Immersion Programme (OIP) where you will visit the home campus of your university for lectures, hands-on project work, workshops and industry visits.

Interact with your university professors and mentors while experiencing life abroad. Make friends for life, learn to work collaboratively and have fun while you are at it!

The OIP is a compulsory graduation requirement for degree programmes awarded by our overseas university partners.

<table>
<thead>
<tr>
<th>OVERSEAS UNIVERSITY PARTNER</th>
<th>APPROXIMATE DURATION*</th>
<th>ESTIMATED COST RANGE (SGD)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>DigiPen Institute of Technology</td>
<td>12 weeks</td>
<td>$9,500 - $10,500</td>
</tr>
<tr>
<td>Massey University</td>
<td>16 weeks</td>
<td>$8,000 - $10,000</td>
</tr>
<tr>
<td>Newcastle University</td>
<td>4 weeks</td>
<td>$4,500 - $5,500</td>
</tr>
<tr>
<td>Technical University of Munich</td>
<td>12 - 21 weeks</td>
<td>$8,000 - $12,500</td>
</tr>
<tr>
<td>The Culinary Institute of America</td>
<td>3 weeks</td>
<td>$8,500 - $9,500</td>
</tr>
<tr>
<td>The Glasgow School of Art</td>
<td>3 weeks</td>
<td>$4,500 - $5,500</td>
</tr>
<tr>
<td>Trinity College Dublin</td>
<td>6 - 9 weeks</td>
<td>$6,000 - $9,000</td>
</tr>
<tr>
<td>University of Glasgow</td>
<td>4 weeks</td>
<td>$4,500 - $5,500</td>
</tr>
<tr>
<td>University of Liverpool</td>
<td>4 weeks</td>
<td>$4,500 - $5,500</td>
</tr>
</tbody>
</table>

* OIP duration is indicative and subject to changes. Cost range is an estimate and subject to programme changes and exchange rate fluctuations.

Please visit SingaporeTech.edu.sg for the most up-to-date information on the Overseas Immersion Programme (OIP).
I was able to experience living abroad, where I learned to manage my finances and time independently, while planning short trips over the weekend. I also picked up some basic German prior to the trip, which made it easier to communicate with the locals.

Muhammad Fauzy Bin Hasbollah
Graduate
Chemical Engineering, BSc
Technical University of Munich

Apart from that, the most memorable moments came from spending every single day for a month with my closest friends. It made us feel like a family.

Ong Yong Cheng
Graduate
Electrical Power Engineering, BEng (Hons)
Newcastle University

“The laboratory and on-site learning were enriching and captivating.

Apart from that, the most memorable moments came from spending every single day for a month with my closest friends. It made us feel like a family.”

Ong Yong Cheng
Graduate
Electrical Power Engineering, BEng (Hons)
Newcastle University

“My OIP was a phenomenal experience!

I was able to experience living abroad, where I learned to manage my finances and time independently, while planning short trips over the weekend. I also picked up some basic German prior to the trip, which made it easier to communicate with the locals.”

Muhammad Fauzy Bin Hasbollah
Graduate
Chemical Engineering, BSc
Technical University of Munich

“This trip served as a platform for us to not only grow as future chefs but also citizens of this global village that we live in.

Learning about how we as chefs could directly impact society made this trip a life-changing moment.”

Ng Cheng Kiat
Year 2
Culinary Arts Management, BPS
The Culinary Institute of America
OVERSEAS IMMERSION PROGRAMME

“"My OIP was a pleasurable and memorable experience where I was immersed in a different environment whilst experiencing the different cultures in Redmond, Washington, USA."

Ng Zhi Ying
Year 3
Computer Science in Real-Time Interactive Simulation, BS
DigiPen Institute of Technology

“My OIP stint proved to be an indispensable experience. I learnt so much during my stay there and I thoroughly enjoyed studying in a different environment, and engaging with my UofG professors. It was definitely an enriching four weeks which I would never trade for anything else.”

Muhammad Noor Faris Bin Noorrashid
Year 2
Mechatronics, BEng (Hons)
University of Glasgow

“During my OIP in Dublin, I was attached to a specialist centre for Paediatric Cystic Fibrosis (CF) Care. It was an eye-opening experience as CF is a rare genetic disease. My interactions with patients and their families have inspired me to be a better physiotherapist and make a difference in my patients’ lives.”

Nurul Syafiqah Binte Mohamed Idris
Graduate
Physiotherapy, BSc
Trinity College Dublin
At SIT, we venture forward with you, creating transformative and exhilarating experiences in a diverse, equal-opportunity campus.

We spark passion and vitality, and we strive to inspire a student community of change makers, innovators and leaders.

Together, we nurture within students the SIT-DNA: Thinking Tinkerers; Able to Learn, Unlearn and Relearn; Catalysts for Transformation; and Grounded in the Community.

“My most memorable moment of SSO 2016 is striving with my team to embrace challenges enthusiastically, breaking through our limits to deliver the best experience for the freshmen. It was so rewarding to see how they bonded together as one.”

Loh Wei Jie
President
SSO 2016

“I’m incredibly honoured and humbled to be part of this amazing journey, where I have learned so much. Let’s work hard to be better and kinder in every way.”

Lim Jia Huei, Dion
Mr SIT
SIT Welcome Bash 2016

The SIT Student Orientation (SSO) offers freshmen a sneak peek into SIT’s campus life and encourages students from various degree programmes to connect with one another through activities and games.

Looking for opportunities to discover your strengths and achieve your best? Get involved and forge new friendships at events such as the SIT Carnival, SIT Welcome Bash, SIT Day Zero and ChillOut@SIT.
Students are encouraged to create inclusive groups and communities, and grow together as socially responsible global individuals.

Take up a leadership role or rope in friends to enjoy sports and adventure, arts and culture and special interest clubs.

Sign up to serve your student community through the student management committees or visit our social media platforms and share with us the latest campus buzz.

"This bronze medal (Football, Singapore University Games 2016) is a testament to our players. We’ve shown great persistence and determination, against all odds, to achieve our goals.”

Ho Hong Kai, Lloyd
President
SIT Football

"ExpresSIT was a memorable event showcasing talents from SIT’s very own performing arts groups. I could really feel the vibrancy and excitement as we celebrated the various art forms.”

Muhammad Hanafie Bin Hallil
President
SIT Muzeka

"SIT is extremely supportive of our sporting endeavours, encouraging us to build an active and dynamic student life!"

Nicholas Ho
Vice-President
SIT Bowling

"Dragon boating is a team sport. We train and grow together, looking out for one another. The joy of watching our team grow is remarkable.”

Choo Jun Lei
Vice-President
SIT Dragons

WE ENGAGE
WE ENRICH

SIT focuses on holistic student development, character-building and nurturing industry-ready graduates.

Attend events, workshops, retreats and trainings, with topics ranging from effective communication to competent leadership, and grow your repertoire of skill sets.

“Through the student leadership camp, I got to meet many committee members from different CCAs. The experience of bonding with committee members was very interesting because everyone had different leadership qualities and ideas. Interacting with people from various backgrounds made me realise the importance of team bonding and considering others’ opinions when making decisions.”

Sandra Poeschmann
Vice-President, SIT Canoeing, Leadership Development Programme

“This course encourages you to think in different ways and approach subjects from different angles, equipping you with the relevant skills.”

Mawardy Bin Ahmad
Critical Thinking Workshop Participant

“I’m a believer in doing small things in great ways. Always strive to find a better way around doing things, and create a fun and encouraging team spirit! Leadership is challenging but the memories and friendships made are truly gifts of my experiences.”

Edna Tan Hui Qi
President
SIT Infinity

“This course encourages you to think in different ways and approach subjects from different angles, equipping you with the relevant skills.”

Mawardy Bin Ahmad
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“I’m a believer in doing small things in great ways. Always strive to find a better way around doing things, and create a fun and encouraging team spirit! Leadership is challenging but the memories and friendships made are truly gifts of my experiences.”

Edna Tan Hui Qi
President
SIT Infinity
Participate in service learning projects, both in Singapore as well as overseas, and enrich the lives of those around you. Working together with local and foreign community partners, SIT students have reached out to the elderly and youth in Singapore, and travelled to rural communities in Cambodia, Vietnam and Myanmar.

“In planning for our trip, 16 of us came together and committed months to come up with different initiatives to support our cause in Cambodia. Though challenging, our efforts were rewarded by the children’s friendly smiles and the warm hospitality of staff at Project Khmer H.O.P.E. Trang.”

Suhailla Binte Zainal Shah
President
Project Cambodia

“It was given the opportunity to lead the overseas service learning project to Yangon, Myanmar. The team and I stepped out of our comfort zones and discovered our strengths and talents. It was a meaningful experience to embrace different cultures.”

Soh Hwee Leng, Kerrie
President
Project Myanmar

“”I have learnt easily-applicable techniques to help cope with stress. The workshop was hands-on and appropriate for us.”

Xing Yee*, Stress Management Workshop Participant

* Names have been changed to respect privacy of individuals.
At SIT, I've honed my skills in areas I am passionate about and have prepared myself for the future.

James Rainier
SIT Toastmasters,
SIT Just Singers and Student Emcee

I've been able to figure out who I am and what I truly want to be. Speaking with industry partners has broadened my horizons.

Law Kiang Hong
SIT Geeks and SIT Peer Supporter

It's been so enriching to represent SIT in its first women's football team, and be part of a football family.

Vinita Lalchand Sheri
SIT Women's Football

Representing SIT at competitions and performing at university events helps me to balance study and play.

Nurul Fathin Bte Nasir
SIT Silat

Establishing the SIT Cajon Club added vibrancy to my campus life! We even got to perform at the ASEAN University Games 2016, which was awesome!

Low Wen Jie, Nicholas
SIT Soundbox

It's the joy of solving challenges and reaching the top, whether as a rock climber or as an SIT student.

Muhsd Munawar Bin Kahlik
SIT Rock Climbing

Be open in pursuing your dreams and be genuine to those around you!

Michelle Tan Ching Huey
SIT Peer Supporter and Harvard Business School Club Mentorship Programme Mentor

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SIT Peer Supporter and Harvard Business School Club Mentorship Programme Mentor
CAREER SERVICES

THE NEXT STEP TO YOUR FUTURE

While looking for a job may be simple, choosing your career is not. At SIT, you will be guided by our team of dedicated Career Services professionals who can help you make the crucial decisions that will determine your professional path ahead.

“Thanks to the opportunities at Career Nexus, I was able to secure a job before graduation.”

Ng Koon Kit
Graduate
Mechanical Design and Manufacturing Engineering, BEng (Hons)
Newcastle University

“My Career Coach and I went through questions that could be asked in the interview. It was like doing past year exam papers before going for the real exam and it helped me build my confidence.

The session with my coach helped me recognise my strengths and passion, which guided me towards the direction of my current job.”

Than Wei Sin
Industry Development Officer,
Institute of Materials Research & Engineering, A*STAR
Graduate
Mechanical Design Engineering, BEng (Hons)
University of Glasgow
YOUR DEFINITIVE CAREER RESOURCE HUB

Find out more about life in the workforce through Career Services where we can help link you up with potential employers.

CAREER COACHING
This is the starting point of your career search. Explore your career options with our Career Coaches. Have your resume reviewed or practise your interview techniques during a mock interview session. Request a session by submitting an online form which can be found on SIT’s Career Services website.

CAREER SUCCESS WORKSHOPS
Join our Career Success Workshops and enhance your resume writing abilities, interview skills as well as job search strategies.

COMPANY VISITS
Step into the offices of potential employers during company visits. This is your avenue to interact with potential employers directly. Learn about the company’s work culture, recruiting processes and available career opportunities.

RECRUITMENT TALKS
Attend our Recruitment Talks to explore the various career opportunities with our industry partners. Find out what these potential employers are looking for and get a head start in your career.

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

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

RECRUITERS IN RESIDENCE
Get to meet the recruiters from industry with ‘Recruiters in Residence’. Have these professionals review your resume, and address your queries on your career as well as the interview process.

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

CAREER PORTAL
SIT Career Portal (Optimal Resume) helps to connect students and alumni with potential employers. Embark on the career of your choice at SingaporeTech.optimalresume.com.

WHERE OUR GRADUATES WORK
SIT graduates are highly sought-after by top organisations in Singapore, given their winning combination of technical proficiency, academic prowess and fresh perspectives.

These are but a handful of employers who have employed our graduates:

Abbott Laboratories (Singapore) Pte Ltd • ABS Marine Services • Airbus Helicopters • ASM Technology Singapore Pte Ltd • Audex Pte Ltd • Baxalta • Caterpillar Asia Pte Ltd • Croda Singapore Pte Ltd • Continental • Food & Nutrition Specialists Pte Ltd • Fortis Marine Solutions Pte Ltd • GE Aviation • Hewlett Packard (Singapore) Pte Ltd • Hyflux • Ingersoll Rand • Johnson & Johnson Pte Ltd • Keppel Offshore & Marine • Kongsberg Maritime Pte Ltd • Lloyd’s Register Global Technology Centre Pte Ltd • MOE Kindergarten • NCS • Omega Integration Pte Ltd • REC • Rohde & Schwarz • SATS Ltd • Sembcorp Marine • Schneider Electric • Sentosa Development Corporation • Singapore Food Industries Ltd • STATS ChipPAC Ltd • Swire Pacific Offshore Operations (Pte) Ltd • ST Kinetics • UbiSoft • UL Transaction Security
ONCE A SITIZEN, ALWAYS A SITIZEN

Life as a SITizen continues even after you graduate – in the growing SIT Alumni family. Expand your horizons and networks as you stay in touch with your fellow SITizens!

Come for talks and workshops to enhance your professional development.

Catch the latest blockbuster, learn new recipes and just have fun together with your fellow alumni!

Return to campus to take part in floorball and futsal matches, as well as other exciting sports to stay fit and have a ball!

“IT was a great joy to be able to share my baking knowledge and skills at the two Sweet Creations workshops with my fellow alumni.”

Ong Wen Hui (extreme left)
Alumnus
Food & Human Nutrition, BSc (Hons)
Newcastle University

“It was a great joy to be able to share my baking knowledge and skills at the two Sweet Creations workshops with my fellow alumni.”

Ong Wen Hui (extreme left)
Alumnus
Food & Human Nutrition, BSc (Hons)
Newcastle University

“Having been a student host at some alumni events, I look forward to attending them when I graduate! Furthermore, these activities will help to expand my network.”

Wong Qiu Xian (extreme left)
Year 3
Accountancy, B (Hons)
Singapore Institute of Technology

AS ALUMNI, YOU CAN LOOK FORWARD TO:
• Your personalised SIT Alumni Card
• Free-for-life SIT Alumni email
• Exclusive invitations to events hosted by the three SIT Alumni Networks
• SITizen, the free alumni newsletter
• Available merchant discounts
SIT adopts a distributed campus model where an SIT building is constructed within the grounds of each of the five local polytechnics. Through this model, SIT’s overseas university degree programmes are housed within an SIT building in each of the five local polytechnics, allowing greater synergy and efficiency by giving our SIT students easier access to existing resources within each polytechnic. In addition, SIT@Dover also houses our administrative offices and SIT’s own degree programmes.

**SIT@NP Building**
Ngee Ann Polytechnic
537 Clementi Road
Singapore 599493

**SIT@RP Building**
Republic Polytechnic
43 Woodlands Avenue 9
Singapore 737729

**SIT@NYP Building**
Nanyang Polytechnic
172A Ang Mo Kio Ave 8
Singapore 567739
(beside Blk Q of NYP campus)

**SIT@SP Building**
Singapore Polytechnic
510 Dover Road
Singapore 139660

**SIT@Dover**
10 Dover Drive
Singapore 138683

**SIT@TP Building**
Temasek Polytechnic
Blk 29B Tampines Ave 1
Singapore 528694
ADMISSION REQUIREMENTS

POLYTECHNIC DIPLOMA FROM SINGAPORE

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

Full-time diploma from one of the five local polytechnics:
• Nanyang Polytechnic
• Ngee Ann Polytechnic
• Republic Polytechnic
• Singapore Polytechnic
• Temasek Polytechnic

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

Applicants submitting the Diploma from NAFA and LASALLE will be considered on a case-by-case basis for selected programmes.

GCE O Level or equivalent results/ITE (Nitec and Higher Nitec) certificates where applicable
• SIT accepts applications from polytechnic graduates who did not sit for the GCE O Level and have come through other forms of secondary or post-secondary education.

Relevant Work Experience/Internships

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

Co-curricula Interests

Passion

Personal Qualities

PROGRAMME-SPECIFIC REQUIREMENTS

SIT’s overseas university partners may have programme-specific admission requirements. Applicants must ensure that all specified requirements are met in order to be considered for admission.

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

Note: Undergraduate students who switch degree programmes either within or across the following institutions (National University of Singapore, Nanyang Technological University, Singapore Management University, Singapore University of Technology and Design, Singapore Institute of Technology, SIM University, LASALLE College of the Arts, Nanyang Academy of Fine Arts) will only be eligible to receive Tuition Grant for the normal programme duration of the new programme at SIT, less the number of semesters of Tuition Grant they had received for the previous programme(s).
ADMISSION REQUIREMENTS

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

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

**GCE A Level (for selected programmes)**
- Obtain passes in at least two A/H2 Level subjects and offered either General Paper (GP) or Knowledge & Inquiry (KI) in the same sitting.
- Meet one of the following Mother Tongue Language (MTL) requirements:
  - A minimum ‘S’ grade for the H1 or H2 MTL paper or General Studies in Chinese taken at the GCE A Level examination.
  - Pass in the MTL ‘B’ Syllabus paper at the GCE A Level examination.
  - A minimum D7 for the higher MTL paper taken at the GCE O Level examination.

**NUS High School Diploma (for selected programmes)**
- Obtain the NUS High School Diploma.
- Meet one of the following Mother Tongue Language (MTL) requirements:
  - A minimum ‘S’ grade for the H1 or H2 MTL paper or General Studies in Chinese taken at the GCE A Level examination.
  - Pass in the MTL ‘B’ Syllabus paper at the GCE A Level examination.
  - A minimum D7 for the higher MTL paper taken at the GCE O Level examination.

**International Baccalaureate Diploma (IB) (for selected programmes)**
- Obtain a grade five in at least two Higher Level (HL) and one Standard Level (SL) subjects.
- Obtain the IB Diploma.
- Meet one of the following Mother Tongue Language (MTL) requirements:
  - A minimum pass grade for HL/SL MTL A: Literature.
  - A minimum pass grade for HL/SL MTL A: Language and Literature.
  - A minimum pass grade for HL/SL Language B.
  - A minimum D7 for the higher MTL paper taken at the GCE O Level examination.

**Other International Qualifications (for selected programmes)**
- Must have completed at least 12 years of formal education deemed as acceptable, equivalent qualifications to be considered for admission.

Either one of the qualifications listed above

- GCE O Level or equivalent results/ITE (Nitec and Higher Nitec) certificates where applicable

Relevant Work Experience/Internships

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

Co-curricula Interests

Passion

Personal Qualities

*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 fulfill 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.

Note: Undergraduate students who switch another degree programmes either within or across the following institutions (National University of Singapore, Nanyang Technological University, Singapore Management University, Singapore University of Technology and Design, Singapore Institute of Technology, SIM University, LASALLE College of the Arts, Nanyang Academy of Fine Arts) will only be eligible to receive Tuition Grant for the normal programme duration of the new programme at SIT, less the number of semesters of Tuition Grant they had received for the previous programme(s).
## ADMISSION REQUIREMENTS

### SELECTED LIST OF DEGREE PROGRAMMES FOR GCE A LEVEL/INTERNATIONAL BACCAULAUREATE DIPLOMA/NUS HIGH SCHOOL DIPLOMA/OTHER INTERNATIONAL QUALIFICATIONS

<table>
<thead>
<tr>
<th>Selected List of Degree Programmes</th>
<th>Subject Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENGINEERING</strong></td>
<td></td>
</tr>
<tr>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY</td>
<td></td>
</tr>
<tr>
<td>• Sustainable Infrastructure Engineering (Building Services), MEngTech and BEng (Hons)</td>
<td></td>
</tr>
<tr>
<td>• Sustainable Infrastructure Engineering (Land), MEngTech and BEng (Hons)</td>
<td></td>
</tr>
<tr>
<td>• Telematics (Intelligent Transportation Systems Engineering), MEngTech and BEng (Hons)</td>
<td></td>
</tr>
<tr>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY – DIGIPEN INSTITUTE OF TECHNOLOGY</td>
<td></td>
</tr>
<tr>
<td>• Systems Engineering (ElectroMechanical Systems), BEng (Hons)</td>
<td>Applicants must fulfill admission requirements</td>
</tr>
<tr>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY – NEWCASTLE UNIVERSITY</td>
<td></td>
</tr>
<tr>
<td>• Electrical Power Engineering, BEng (Hons)</td>
<td></td>
</tr>
<tr>
<td>• Marine Engineering, BEng (Hons)</td>
<td></td>
</tr>
<tr>
<td>• Mechanical Design and Manufacturing Engineering, BEng (Hons)</td>
<td></td>
</tr>
<tr>
<td>• Naval Architecture, BEng (Hons)</td>
<td></td>
</tr>
<tr>
<td>• Offshore Engineering, BEng (Hons)</td>
<td></td>
</tr>
<tr>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY – UNIVERSITY OF GLASGOW</td>
<td></td>
</tr>
<tr>
<td>• Civil Engineering, MEngTech and BEng (Hons)</td>
<td></td>
</tr>
<tr>
<td>TECHNICAL UNIVERSITY OF MUNICH</td>
<td></td>
</tr>
<tr>
<td>• Electrical Engineering &amp; Information Technology, BSc</td>
<td>A/H2 Level/IB HL Mathematics / A/H2 Level/IB HL Science Subject (Biology, Chemistry or Physics)</td>
</tr>
<tr>
<td><strong>CHEMICAL ENGINEERING AND FOOD TECHNOLOGY</strong></td>
<td></td>
</tr>
<tr>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY</td>
<td></td>
</tr>
<tr>
<td>• Pharmaceutical Engineering, BEng (Hons)</td>
<td></td>
</tr>
<tr>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY – MASSEY UNIVERSITY</td>
<td></td>
</tr>
<tr>
<td>• Food Technology, BFoodTech (Hons)</td>
<td></td>
</tr>
<tr>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY – NEWCASTLE UNIVERSITY</td>
<td></td>
</tr>
<tr>
<td>• Chemical Engineering, BEng (Hons)</td>
<td></td>
</tr>
<tr>
<td>TECHNICAL UNIVERSITY OF MUNICH</td>
<td></td>
</tr>
<tr>
<td>• Chemical Engineering, BSc</td>
<td>A/H2 Level/IB HL Mathematics / A/H2 Level/IB HL Science Subject (Biology, Chemistry or Physics)</td>
</tr>
</tbody>
</table>
# ADMISSION REQUIREMENTS

## SELECTED LIST OF DEGREE PROGRAMMES

<table>
<thead>
<tr>
<th>SINGAPORE INSTITUTE OF TECHNOLOGY</th>
<th>SUBJECT PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INFOCOMM TECHNOLOGY</strong></td>
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<tr>
<td>SIT’s overseas university partners may have programme-specific admission requirements. Applicants must ensure that all specified requirements are met in order to be considered for admission. For details of the programme-specific admission requirements, please visit SingaporeTech.edu.sg.</td>
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<td><strong>DIGIPEN INSTITUTE OF TECHNOLOGY</strong></td>
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<tr>
<td><strong>HEALTH AND SOCIAL SCIENCES</strong></td>
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<tr>
<td><strong>DESIGN AND SPECIALISED BUSINESSES</strong></td>
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<tr>
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<td></td>
</tr>
</tbody>
</table>
ADMISSION PROCESS

Application for admission usually opens from mid-January to March every year.

1. Apply via the SIT online application portal at SingaporeTech.edu.sg.
2. Shortlisted applicants are invited for interviews.
3. Check final application outcome via email notification from SIT or via the SIT online application portal.
4. Successful applicants are required to accept their offer via the Joint Acceptance Platform or by completing an acceptance form (adhere to instructions in the e-offer letter).
5. Successful applicants who have accepted their offer will receive a pre-matriculation package via email, and are required to complete the stipulated procedures by the deadline.

For details of the admission process, please visit SingaporeTech.edu.sg.

SUPPORTING DOCUMENTS TO BE SUBMITTED UPON APPLICATION

Applicants are required to submit all the following documents by uploading them onto the SIT online application portal:

- NRIC/11B* (front and back)/Passport (particulars page only if NRIC is not applicable or available);
  * If citizenship is not reflected on the ID, please also submit your passport’s particulars page

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

- ITE (Nitec and Higher Nitec) certificate and transcripts/SAT results/TOEFL/IELTS/Other supplementary qualifications (where applicable);

- Polytechnic results uploaded in chronological order; i.e. from the first semester to the sixth semester. Results must be official documents from the Polytechnic bearing the Polytechnic name, logo and the applicant’s details. Unofficial copies will not be accepted;
  * Final semester polytechnic students may apply for admission with their first five semesters’ results within the stipulated time frame. Applicants must then upload the results of their sixth semester and diploma certificate as proof of graduation upon receiving them.

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

- Any programme-specific requirement in the individual degree programmes.
Tuition Fees at SIT are highly subsidised by the Government via the Tuition Grant Scheme. The Tuition Grant (TG) is extended to SIT students who are Singapore Citizens (SC) or Singapore Permanent Residents (SPR). For International Students (IS), only those from AY 2015 cohort onwards are eligible to apply. Students who have received TG for degree programmes (including students who changed programmes within SIT) will be eligible for TG up to normal programme duration at SIT less the number of semesters/trimesters of TG received for their previous programme. Students who have fully utilised their TG for degree programmes and were conferred degree qualifications will have to pay non-subsidised fees for the entire duration of their new programme.

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

For students admitted to SIT in Academic Year AY2016/17, the annual tuition fees are fixed at the AY2016/17 rate for the duration of their degree programme.

AY2017/18 fees are not available at time of print; please visit SingaporeTech.edu.sg for updates.

<table>
<thead>
<tr>
<th>Degree Programmes</th>
<th>AY2016/17 Programme Fees (SGD)</th>
<th>SUBSIDISED FEES</th>
<th>NON-SUBSIDISED FEES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SINGAPORE CITIZENS</td>
<td>SINGAPORE PERMANENT RESIDENTS</td>
<td>INTERNATIONAL STUDENTS</td>
</tr>
<tr>
<td>SIT-conferred/SIT Joint Degrees (Trimester basis)*</td>
<td>Per credit rate is 133 - 177.50</td>
<td>Per credit rate is 262 - 350</td>
<td>Per credit rate is 330 - 441</td>
</tr>
<tr>
<td></td>
<td>Total: 23,940 - 42,600</td>
<td>Total: 47,160 - 84,000</td>
<td>Total: 63,558 - 113,249 (with GST)</td>
</tr>
<tr>
<td>(One-year programme of 60 credits)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Civil Engineering, MEngTech</td>
<td></td>
<td></td>
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<tr>
<td>• Sustainable Infrastructure Engineering (Building Services), MEngTech</td>
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<tr>
<td>• Sustainable Infrastructure Engineering (Land), MEngTech</td>
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<td></td>
</tr>
<tr>
<td>• Telematics, MEngTech</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Applicant will pay the prevailing rates at the time of acceptance to the programme. CPF Education Scheme does not apply.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overseas University Partner Degrees^ (Two semesters per year)</td>
<td>Per Annum 10,260 - 15,450</td>
<td>Per Annum 20,200 - 30,600</td>
<td>Per Annum 27,285 - 41,195</td>
</tr>
</tbody>
</table>

Tuition Fees are locked in for the normal candidature of study of each degree programme.

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

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

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

Note:
1. All amounts quoted for subsidised SC and SPR students are exclusive of GST, as GST on tuition fees will be subsidised by MOE.
2. For subsidised IS and students paying non-subsidised fees, GST on the tuition fee is to be borne by the student. All amounts quoted for these students are inclusive of GST, with the exception of the fee per credit rate (where the GST is not included, but will be included in the fee billing).

Note on payment of fees:
National Servicemen whose enrolment in SIT is delayed by one or two years because of their National Service commitment, are allowed to enjoy a one or two year lag in the payment of their subsidised tuition fees. The fees payable will depend on the year that they had first accepted a place in SIT. For example, if they were offered admission in AY2015 and had accepted the offer, they pay the subsidised tuition fees applicable for AY2015 when they join SIT in AY2017. If they had re-applied for a new programme in AY2017, they would still pay the subsidised tuition fees applicable for AY2015 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.

Applications are open for the following SIT Scholarships:

<table>
<thead>
<tr>
<th>Scholarship</th>
<th>Coverage</th>
<th>Degree Programme</th>
<th>Eligibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIT Scholarship</td>
<td>• Subsidised tuition fees based on the prevailing cost of the degree programme for Singapore Citizens</td>
<td>All programmes</td>
<td>• SC or SPR</td>
</tr>
<tr>
<td></td>
<td>• Other miscellaneous fees</td>
<td>SIT-conferred degree programme or SIT-joint degree programme</td>
<td>• Outstanding academic results</td>
</tr>
<tr>
<td>SIT Mid-Term Scholarship</td>
<td>• SC or SPR</td>
<td>All OU degree programmes</td>
<td>• Strong leadership qualities</td>
</tr>
<tr>
<td>SIT Final-Year Scholarship</td>
<td>• SC or SPR</td>
<td></td>
<td>• Good CCA records</td>
</tr>
<tr>
<td></td>
<td>• Outstanding academic results</td>
<td></td>
<td>• Completed 60 credits</td>
</tr>
<tr>
<td></td>
<td>• Strong leadership qualities</td>
<td></td>
<td>• Entering final year of degree programme</td>
</tr>
</tbody>
</table>

KEY: SC = Singapore Citizen

SPR = Singapore Permanent Resident

BOND-FREE SCHOLARSHIPS SUPPORTED BY DONORS
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
• Foo Kon Tan Scholarship
• Howe Yoon Chong PSA Scholarship
• Kewalram Chanrai Group Scholarship
• KKH Scholarship
• Lim Siah Mong Scholarship
• McLink Scholarship
• Nexia TS Public Accounting Corporation Financial Scholarship
• Rotary Club of Bugis Junction Scholarship
• RSM Singapore Financial Scholarship
• Safety Systems Engineering Scholarship
• Teknor Apex Asia Pacific Financial Scholarship
• Temasek Education Foundation (TEF) Sunburst Scholarship
• Wilmar Scholarship

EXTERNAL SCHOLARSHIPS
SIT has a close symbiotic relationship with industry. Together with our industry partners, government agencies and organisations, SIT continues to bring 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.

For an extensive list of external scholarships and details on how to apply, you may refer to http://SingaporeTech.edu.sg/scholarships/external-scholarships.

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 STUDENT EXCELLENCE AWARDS

Student excellence awards supported by private donors await our very best talents:

- Amazon Book Prize in Distributed Systems Programming
- Baker Tilly TFW Outstanding Student Award in Accountancy
- CEI Book Prize in Mechatronics Systems
- CEI Outstanding Student Award in Mechanical Design and Manufacturing Engineering
- Choo Chiau Beng Outstanding Student Award in Naval Architecture
- Core Concepts Book Prize in Musculoskeletal Physiotherapy (Spine)
- 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
- Deloitte & Touche Book Prize in Advanced Auditing
- Deloitte & Touche Book Prize in Audit Process
- Deloitte & Touche Book Prize in Financial Accounting
- EPS Computer Systems Book Prize in Web Systems & Technologies
- EPS Computer Systems Outstanding Student Award in Information and Communications Technology (Information Security)
- Goodrich Global Outstanding Student Award in Interior Design
- Institute of Materials (East Asia) Book Prize in Materials Science & Engineering
- Institute of Materials (East Asia) Book Prize in Plant Design Project
- Jing King Tech Book Prize in Integrative Team Project
- Jing King Tech Book Prize in Introduction to Software Engineering
- Jumbo Group Book Prize in F&B Management
- Keppel Gold Medals
- Microsoft Book Prize in Information Management
- Nexia TS Public Accounting Corporation Book Prize in Auditing
- Professor Wu Dao Quan (吴道全教授) Outstanding Engineering Student Award
- PwC Final Year Accountancy Student Award
- Rohde & Schwarz Outstanding Student Award in Systems Engineering (ElectroMechanical Systems)
- Rotary Club of Bugis Junction Outstanding Student Award
- Rotary Club of Jurong Town Book Prize in Care Pathways for Long-Term Conditions
- Sembcorp Industries Ltd Book Prize in Electrical Energy Technology
- Sembcorp Industries Ltd Book Prize in Lab Course Control & Automation Laboratory
- Sembcorp Marine Book Prize in Marine Engineering Design
- Sembcorp Marine Book Prize in Offshore Design
- Sembcorp Marine Book Prize in Project 4N
- Sembcorp Marine Book Prize in Ship Design
- Sembcorp Marine Book Prize in Naval Architecture II
- Sembcorp Marine Book Prize in Mathematical Modelling and Simulation 3N
- Sembcorp Marine Gold Medal
- 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
- ST Engineering Gold Medal
- Texas Instruments Singapore Book Prize in Computer Organisation and Architecture
- Wing Tai Retail Book Prize in GAM 450
- Yeakin Book Prize for the Top Student in Product Design Engineering
- Zicom Group Outstanding Student Award in Mechatronics
FINANCIAL ASSISTANCE SCHEMES

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

<table>
<thead>
<tr>
<th>SCHEME</th>
<th>ELIGIBILITY</th>
<th>QUANTUM (PER ACADEMIC YEAR)</th>
<th>HOW TO APPLY (DEADLINES WILL APPLY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition Fee Loan (TFL)</td>
<td>SC/SPR/IS*</td>
<td>Up to 90% of subsidised tuition fees payable by a SC.</td>
<td>Application form is available via the Student Portal.</td>
</tr>
<tr>
<td>CPF Education Scheme** (CPFES)</td>
<td>SC/SPR/IS</td>
<td>Up to 100% of subsidised tuition fees; up to 40% of CPF member’s Ordinary Account.</td>
<td>Apply via CPF Board website at <a href="http://www.cpf.gov.sg">www.cpf.gov.sg</a>.</td>
</tr>
<tr>
<td>SIT Study Loan (SL)</td>
<td>• SC/SPR with a household Per Capita Income (PCI) of no more than $2,700.</td>
<td>Up to 10% of subsidised tuition fees payable by a SC plus a living allowance of $3,600 per annum.</td>
<td>Application form is available via the Student Portal. (Applicant should have also applied for the TFL in order to utilise the SIT SL for tuition fee payment).</td>
</tr>
<tr>
<td>Overseas Student Programme (OSP)</td>
<td>SC/SPR</td>
<td>Up to 80% of full cost of OIP payable by SC.</td>
<td>Application form is available via the Student Portal.</td>
</tr>
<tr>
<td>MENDAKI Tertiary Tuition Fee Subsidy (TTFS)</td>
<td>SC (Malay undergraduates only)</td>
<td>50%, 75% or 100% tuition fee subsidy; dependent on assessed PCI.</td>
<td>Apply via the MENDAKI website at <a href="http://www.mendaki.org.sg">www.mendaki.org.sg</a>.</td>
</tr>
<tr>
<td>Post-Secondary Education Account (PSEA)</td>
<td>SC</td>
<td>Quantum dependent on funds available in PSEA account.</td>
<td>Download Standing Order or Ad Hoc Withdrawal Form via the SIT website and return completed forms to the Admissions Office.</td>
</tr>
<tr>
<td>CDC/CCC University Bursary</td>
<td>SC with a PCI of no more than $950.</td>
<td>$3,600</td>
<td>Applications can be made via the Student Portal during the application period. All supporting documents are to be submitted to Admissions within a week of the closing period.</td>
</tr>
<tr>
<td>MOE Bursary</td>
<td>SC with a PCI of no more than $1,900.</td>
<td>Up to $2,600 depending on household PCI.</td>
<td></td>
</tr>
<tr>
<td>Donated Bursaries and Study Grants</td>
<td>SIT receives numerous gifts from donors to provide non-bonded bursaries and study grants for undergraduates with financial needs, subject to fulfillment of eligibility criteria. Please refer to the SIT website for a full list of donated bursaries/grants, their respective criteria, award quantum and usage conditions.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

KEY: SC = Singapore Citizen  SPR = Singapore Permanent Resident  IS = International Student

* IS must be in receipt of the MOE Tuition Grant (TG) in order to apply for the TFL & SIT SL.
** All applicants must be in receipt of the MOE TG in order to apply for the CPFES.

Information is correct at the time of print; for more details, please visit SingaporeTech.edu.sg.
SIT receives numerous gifts from donors to provide non-bonded bursaries and study grants for undergraduate students with financial needs, subject to fulfilment of eligibility criteria. For details on their respective eligibility criteria, award quantum and usage conditions, please refer to SingaporeTech.edu.sg.

<table>
<thead>
<tr>
<th>DONATED BURSARIES/STUDY GRANTS</th>
<th>RESIDENCY</th>
<th>QUANTUM PER ACADEMIC YEAR (SGD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-REIT Bursary</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>Abwin Study Grant</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>ATEO Bursary</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>BDO LLP Study Grant</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>Buddhist Compassion Relief Tzu Chi Foundation Bursary</td>
<td>SC/SPR</td>
<td>$8,000</td>
</tr>
<tr>
<td>Choo Chiau Beng Bursary</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>CLASS Bursary</td>
<td>SC</td>
<td>$1,600</td>
</tr>
<tr>
<td>Dou Yee Enterprises Bursary</td>
<td>SC/SPR</td>
<td>$5,000</td>
</tr>
<tr>
<td>Drilmaco Bursary</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>EMS Energy Bursary</td>
<td>All</td>
<td>$5,000</td>
</tr>
<tr>
<td>FEINMETALL Bursary</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>FEINMETALL Study Allowance</td>
<td>SC</td>
<td>$3,000</td>
</tr>
<tr>
<td>Foong Family Bursary</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>GIC Sparks Study Grant</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>Goh Bee Gah Bursary</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>Goh Family Bursary</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>Goh Foundation Allowance</td>
<td>SC</td>
<td>$2,000</td>
</tr>
<tr>
<td>Goh Foundation Bursary</td>
<td>SC</td>
<td>$6,250</td>
</tr>
<tr>
<td>Home-Fix Bursary</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>Hotel 81 - Choo Chong Ngen Bursary</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>HSH Study Grant</td>
<td>SC</td>
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<tr>
<td>Hwa Study Grant</td>
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<tr>
<td>ICH Gemini Bursary</td>
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</tr>
<tr>
<td>International Women’s Forum Education Grant</td>
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<tr>
<td>JCS-Echigo Study Grant</td>
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<td>$5,000</td>
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<tr>
<td>Jeffrey Khoo Bursary</td>
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<td>$5,000</td>
</tr>
<tr>
<td>JSP Study Grant</td>
<td>All</td>
<td>$5,000</td>
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<tr>
<td>Keppel Study Grant</td>
<td>SC</td>
<td>$5,000</td>
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<tr>
<td>Kenyon Bursary</td>
<td>SC</td>
<td>$5,000</td>
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<tr>
<td>Kevin Liang Bursary</td>
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<tr>
<td>Khoo Chwee Neo Foundation Bursary</td>
<td>All</td>
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<tr>
<td>Kwan Im Thong Hood Cho Temple Bursary</td>
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</tr>
<tr>
<td>Lim Chew Swee Bursary</td>
<td>SC</td>
<td>$5,000</td>
</tr>
</tbody>
</table>
## DONATED BURSARIES AND STUDY GRANTS

<table>
<thead>
<tr>
<th>DONATED BURSARIES/STUDY GRANTS</th>
<th>RESIDENCY</th>
<th>QUANTUM PER ACADEMIC YEAR (SGD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lions Community Service Foundation Emergency Grant</td>
<td>All</td>
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</tr>
<tr>
<td>Lo Chee Fei &amp; Ng Choy Wah Bursary</td>
<td>SC</td>
<td>$7,500</td>
</tr>
<tr>
<td>Lo Hock Ling Bursary</td>
<td>SC</td>
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</tr>
<tr>
<td>Low Ming Wah Study Grant</td>
<td>All</td>
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</tr>
<tr>
<td>Malayan Daching Bursary</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>Mapletree Bursary</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>Mun Sieng Engineering Bursary</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>Ngee Ann Kongsi Bursary*</td>
<td>SC/SPR</td>
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</tr>
<tr>
<td>Ocean Tankers Bursary</td>
<td>SC</td>
<td>$5,000</td>
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<tr>
<td>Perfect Team Engineering Bursary</td>
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<td>$5,000</td>
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<tr>
<td>O’son Kitchen Equipment Bursary</td>
<td>SC</td>
<td>$5,000</td>
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<tr>
<td>Rotary Club of Jurong Town Bursary</td>
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<td>$5,000</td>
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<tr>
<td>Samwoh Corporation Bursary</td>
<td>SC/SPR</td>
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<tr>
<td>SATS Foundation Bursary</td>
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<td>$5,000</td>
</tr>
<tr>
<td>Singapore Leong Khay Huay Kuan Bursary</td>
<td>SC (Hokkien only)</td>
<td>$3,000</td>
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<tr>
<td>Silent Minority Bursary</td>
<td>SC (Malay/Indian/Eurasian)</td>
<td>$3,000 - $5,000</td>
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<tr>
<td>SIT Bursary</td>
<td>SC/SPR</td>
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</tr>
<tr>
<td>Sivadas-HEB Education Fund*</td>
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<tr>
<td>steel.sg Study Grant</td>
<td>SC</td>
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<tr>
<td>TAK Bursary</td>
<td>SC</td>
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<tr>
<td>Tech Metal Bursary</td>
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<tr>
<td>Teo Sie Lee Bursary</td>
<td>SC</td>
<td>$10,000</td>
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<tr>
<td>The Applied Materials Bursary</td>
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<td>$5,000</td>
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<tr>
<td>The Singapore Ireland Fund Overseas Immersion Programme Grant</td>
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<td>$6,000</td>
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<tr>
<td>Thye Hong Study Grant</td>
<td>SC/Malaysian</td>
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</tr>
<tr>
<td>TME Bursary</td>
<td>All</td>
<td>$5,000</td>
</tr>
<tr>
<td>Wong Family Bursary</td>
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<tr>
<td>Wong Kwok Leong Bursary</td>
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<td>$5,000</td>
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<tr>
<td>Wong SH Bursary</td>
<td>SC</td>
<td>$5,000</td>
</tr>
<tr>
<td>Xiao De (孝德) Bursary</td>
<td>SC/Malaysian</td>
<td>$3,000</td>
</tr>
<tr>
<td>Xiao De (孝德) Emergency Fund</td>
<td>All</td>
<td>Up to $5,000 available</td>
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<tr>
<td>Yangzheng Foundation Bursary</td>
<td>SC</td>
<td>$6,250</td>
</tr>
<tr>
<td>Yeakin Study Grant</td>
<td>SC</td>
<td>$5,000</td>
</tr>
</tbody>
</table>

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Bursaries and Grants are made possible through philanthropic support.

* These external bursaries are not administered by SIT.

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## LIST OF DEGREE PROGRAMMES

### ENGINEERING

<table>
<thead>
<tr>
<th>Institution</th>
<th>Programmes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY</td>
<td>Sustainable Infrastructure Engineering (Building Services), MEngTech and BEng (Hons)</td>
</tr>
<tr>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY</td>
<td>Sustainable Infrastructure Engineering (Land), MEngTech and BEng (Hons)</td>
</tr>
<tr>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY</td>
<td>Telematics (Intelligent Transportation Systems Engineering), MEngTech and BEng (Hons)</td>
</tr>
<tr>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY – MASSEY UNIVERSITY</td>
<td>Food Technology, BFoodTech (Hons)</td>
</tr>
<tr>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY – NEWCASTLE UNIVERSITY</td>
<td>Electrical Power Engineering, BEng (Hons)</td>
</tr>
<tr>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY – UNIVERSITY OF GLASGOW</td>
<td>Civil Engineering, MEngTech and BEng (Hons)</td>
</tr>
<tr>
<td>TECHNICAL UNIVERSITY OF MUNICH</td>
<td>Electrical Engineering &amp; Information Technology, BSc</td>
</tr>
<tr>
<td>UNIVERSITY OF GLASGOW</td>
<td>Aeronautical Engineering, BEng (Hons)</td>
</tr>
<tr>
<td>UNIVERSITY OF GLASGOW</td>
<td>Aerospace Systems, BEng (Hons)</td>
</tr>
<tr>
<td>UNIVERSITY OF GLASGOW</td>
<td>Mechanical Design Engineering, BEng (Hons)</td>
</tr>
<tr>
<td>UNIVERSITY OF GLASGOW</td>
<td>Mechatronics, BEng (Hons)</td>
</tr>
</tbody>
</table>

### CHEMICAL ENGINEERING AND FOOD TECHNOLOGY

<table>
<thead>
<tr>
<th>Institution</th>
<th>Programmes</th>
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</thead>
<tbody>
<tr>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY</td>
<td>Pharmaceutical Engineering, BEng (Hons)</td>
</tr>
<tr>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY – MASSEY UNIVERSITY</td>
<td>Food Technology, BFoodTech (Hons)</td>
</tr>
<tr>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY – NEWCASTLE UNIVERSITY</td>
<td>Chemical Engineering, BEng (Hons)</td>
</tr>
<tr>
<td>TECHNICAL UNIVERSITY OF MUNICH</td>
<td>Chemical Engineering, BSc</td>
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</table>
## LIST OF DEGREE PROGRAMMES

### INFOCOMM TECHNOLOGY

<table>
<thead>
<tr>
<th>Programmes</th>
<th>Institutions</th>
</tr>
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<tbody>
<tr>
<td>• Information and Communications Technology (Information Security), BEng (Hons)</td>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY</td>
</tr>
<tr>
<td>• Information and Communications Technology (Software Engineering), BEng (Hons)</td>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY</td>
</tr>
<tr>
<td>• Telematics (Intelligent Transportation Systems Engineering), MEngTech and BEng (Hons)</td>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY</td>
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</table>

### DIGIPEN INSTITUTE OF TECHNOLOGY

<table>
<thead>
<tr>
<th>Programmes</th>
<th>Institutions</th>
</tr>
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<tbody>
<tr>
<td>• Computer Science and Game Design, BS</td>
<td>DIGIPEN INSTITUTE OF TECHNOLOGY</td>
</tr>
<tr>
<td>• Computer Science in Real-Time Interactive Simulation, BS</td>
<td>DIGIPEN INSTITUTE OF TECHNOLOGY</td>
</tr>
<tr>
<td>• Digital Art and Animation, BFA</td>
<td>DIGIPEN INSTITUTE OF TECHNOLOGY</td>
</tr>
<tr>
<td>• Game Design, BA</td>
<td>DIGIPEN INSTITUTE OF TECHNOLOGY</td>
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</tbody>
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### UNIVERSITY OF GLASGOW

<table>
<thead>
<tr>
<th>Programmes</th>
<th>Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Computing Science, BSc (Hons)</td>
<td>UNIVERSITY OF GLASGOW</td>
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### HEALTH AND SOCIAL SCIENCES

<table>
<thead>
<tr>
<th>Programmes</th>
<th>Institutions</th>
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<tbody>
<tr>
<td>• Diagnostic Radiography, BSc (Hons)</td>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY</td>
</tr>
<tr>
<td>• Occupational Therapy, BSc (Hons)</td>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY</td>
</tr>
<tr>
<td>• Radiation Therapy, BSc (Hons)</td>
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### SINGAPORE INSTITUTE OF TECHNOLOGY – TRINITY COLLEGE DUBLIN

<table>
<thead>
<tr>
<th>Programmes</th>
<th>Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Diagnostic Radiography, BSc</td>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY – TRINITY COLLEGE DUBLIN</td>
</tr>
<tr>
<td>• Physiotherapy, BSc (Hons)</td>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY – TRINITY COLLEGE DUBLIN</td>
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### SINGAPORE INSTITUTE OF TECHNOLOGY – UNIVERSITY OF GLASGOW

<table>
<thead>
<tr>
<th>Programmes</th>
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</tr>
</thead>
<tbody>
<tr>
<td>• Nursing, BSc (Hons)</td>
<td>SINGAPORE INSTITUTE OF TECHNOLOGY – UNIVERSITY OF GLASGOW</td>
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### TRINITY COLLEGE DUBLIN

<table>
<thead>
<tr>
<th>Programmes</th>
<th>Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Occupational Therapy, BSc</td>
<td>TRINITY COLLEGE DUBLIN</td>
</tr>
<tr>
<td>• Physiotherapy, BSc</td>
<td>TRINITY COLLEGE DUBLIN</td>
</tr>
<tr>
<td>• Radiation Therapy, BSc</td>
<td>TRINITY COLLEGE DUBLIN</td>
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</tbody>
</table>

### UNIVERSITY OF LIVERPOOL

<table>
<thead>
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<th>Programmes</th>
<th>Institutions</th>
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<tbody>
<tr>
<td>• Criminology and Security, BA (Hons)</td>
<td>UNIVERSITY OF LIVERPOOL</td>
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### DESIGN AND SPECIALISED BUSINESSES

<table>
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<th>Programmes</th>
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<tr>
<td>• Accountancy, B (Hons)</td>
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<td>• Hospitality Business, B (Hons)</td>
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### THE CULINARY INSTITUTE OF AMERICA

<table>
<thead>
<tr>
<th>Programmes</th>
<th>Institutions</th>
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<tr>
<td>• Food Business Management, BBA (formerly known as Culinary Arts Management, BPS)</td>
<td>THE CULINARY INSTITUTE OF AMERICA</td>
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### THE GLASGOW SCHOOL OF ART

<table>
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<th>Programmes</th>
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<td>• Communication Design, BA (Hons)</td>
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<td>• Interior Design, BA (Hons)</td>
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</table>
As the bedrock on which every modern society is built, engineering plays a very important role in all our lives. From tackling vital issues such as delivering clean water and renewable energy to our household and industries, increasing our land size through land reclamation, to improving our quality of life by the invention of innovative and non-invasive medical devices, engineers will always be a mainstay in any developed society. Pervasive connectivity, which enables learning and knowledge sharing anytime and everywhere, has seamlessly penetrated into our daily lives. All these have been attributed to the works of engineers, without whom, we would not be able to do the things we all take for granted.
The Sustainable Infrastructure Engineering (SIE) (Building Services) programme is developed in consultation with the Building and Construction Authority (BCA), Singapore. The programme encompasses all the necessary engineering disciplines, focussing on sustainable construction requirements, which are required for the building services industries in Singapore. Students will go through rigorous academic training conducted by highly qualified professors and senior managers from the industry, and will read modules which are highly relevant to the building services industries.

**CURRICULUM**

Some of the modules and content include:
- Building Information Modelling (BIM)
- Efficient Energy Management
- Heating, Ventilation and Air-Conditioning (HVAC)
- Capstone Project
- 12-month Integrated Work Study Programme (IWSP)

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

**CAREER OPPORTUNITIES**

SIE (Building Services) graduates can look forward to careers in these areas:
- Green Buildings
- HVAC
- BIM
- Building Construction and Services Industries

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

The Sustainable Infrastructure Engineering (SIE) (Land) degree is a multidisciplinary programme comprising various fundamental engineering disciplines. 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, Sembcorp Industries, Keppel Group and Singapore Technologies.

**CURRICULUM**

Some of the modules and content include:
- Railway Signalling and Communications
- Rolling Stock and Permanent Way Systems
- Total Preventive Maintenance
- Capstone Project
- 12-month Integrated Work Study Programme (IWSP)

Students who excel in the BEng (Hons) programme may opt to pursue the Master of Engineering Technology degree (MEngTech). This unique curriculum design also allows students to attain the professional Non-Destructive Testing (NDT) Level II or NDT Level III (Partial) certification.

**CAREER OPPORTUNITIES**

SIE (Land) graduates can look forward to careers in various land transport organisations such as:
- LTA
- SMRT
- SBS
- Sembcorp Industries
- Keppel Group
- Singapore Technologies

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

“Sustainable green buildings are the only way forward on how we design our buildings in view of the world's finite resources. Join our programme to shape the future of our city infrastructure.”

Professor Simon Yu
Programme Director
Singapore Institute of Technology

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

Professor Simon Yu
Programme Director
Singapore Institute of Technology
A first-of-its-kind degree offered in Singapore, the Telematics (Intelligent Transportation Systems Engineering) programme has been developed with support from 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 of vehicle communication and information processing that are much needed in the industry to support this vision.

**CURRICULUM**

Some of the modules and content include:
- Sensor Technologies
- Embedded System Design
- Wireless Communications
- Transport Management
- Group Design Project
- Eight-month Integrated Work Study Programme (IWSP)

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

**CAREER OPPORTUNITIES**

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

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

Assistant Professor Zheng Jianxin
Programme Director
Singapore Institute of Technology

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

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

**CURRICULUM**

Some of the modules and content include:
- Foundation Studies in Physics, Mathematics and Communication Skills
- Mechatronics and Software Engineering
- Systems Engineering and Project Management
- Eight- to 12-month Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

**CAREER OPPORTUNITIES**

- Systems Engineer
- Project Engineer
- Mechatronic Engineer
- Design Engineer
- Software Engineer

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

Associate Professor Liew Pak San
Programme Director
Singapore Institute of Technology

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

BACHELOR OF ENGINEERING WITH HONOURS IN ELECTRICAL POWER ENGINEERING

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

CURRICULUM
Some of the modules and content include:
- Power Electronics
- State Space Analysis and Controller Design
- 26-week Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

“The course moulds each individual with exposure to today’s power generations. Together with the advancement of power technologies, it accords graduates competency in providing vital solutions for tomorrow’s power grid.”

Muhammad Ramadan
Graduate
Electrical Power Engineering, BEng (Hons)
Newcastle University

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

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

BACHELOR OF ENGINEERING WITH HONOURS IN MARINE ENGINEERING, NAVAL ARCHITECTURE, OFFSHORE ENGINEERING

Engineers and Naval Architects in the marine and offshore industry need the right set of skills to perform effectively in a fast-changing environment. The ability to address development proactively and a comprehensive knowledge of the industry is needed to retain a competitive edge. These joint degree programmes offered by SIT and Newcastle University (NU) are unique in providing students with specialisations in Marine Engineering, Naval Architecture and Offshore Engineering, which will equip them with expertise in marine engineering and technology and provide a holistic view of the global maritime industry.

CURRICULUM
Some of the modules and content include:
- Drilling Engineering
- Knowledge of Classification Society
- Internal Combustion Engines
- 26-week Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

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

Dr Ivan CK Tam
Director of Operations and Admissions Tutor
Newcastle University

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

Visit SingaporeTech.edu.sg for the list of relevant qualifications.
The SIT and Newcastle University (NU) joint degree in Mechanical Design and Manufacturing Engineering aims to educate students with a multidisciplinary mix of general and specialised engineering skills that are highly sought after by employers. Covering all aspects of the core disciplines of design and manufacturing, which encompasses learning and improving operations management, enabling technologies that underpins engineering science, designing for manufacture while understanding materials and processes, as well as using sensors and robotics for industrial automation and productivity enhancement, this programme will prepare students for in-depth analysis of problems and to apply practical solutions to industry.

CURRICULUM
Some of the modules and content include:

- Lean Manufacturing
- Concurrent Design and Manufacture
- Materials and Manufacturing
- Applications of Thermofluids
- Mechatronics, Robotics and Automation
- Design of Mechanical Systems
- 26-week Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

“An fulfilling journey of theoretical and practical knowledge acquisition, this programme helps graduates understand the building blocks of engineering to prepare them for the industry.”
Tan Jun Hao
Graduate and current NU PhD candidate
Mechanical Design and Manufacturing Engineering, BEng (Hons)
Newcastle University

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

CAREER OPPORTUNITIES
Civil Engineering graduates can look forward to careers in these areas:

- Design Consultancy Firms
- Building and Construction
- Property Developers
- Facility Operators
- Government Agencies

“An applied learning experience with a strong industry-focussed curriculum leading to fully accredited BEng and MEngTech degrees, this programme will offer graduates new opportunities and rewarding careers in the building and construction industry”
Professor Chiew Sing-Ping
Programme Director
Singapore Institute of Technology
ENGINEERING

BACHELOR OF SCIENCE IN 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.

CURRICULUM
Some of the modules and content include:
- Algorithms and Data Structures
- Circuit Theory
- Computer Technology
- Communication Engineering
- Control Engineering
- Digital Technology
- Electronic Devices
- Overseas Immersion Programme (OIP)

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

"Everyone can attest that Germany is well known for engineering, which was what drew me to the TUM programmes in Singapore. Learning from the best professors in the industry has led me to new challenges and the TUM way of teaching has taught me a new way of learning."

Leroy Tang
Year 2
Electrical Engineering & Information Technology, BSc
Technical University of Munich

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

BACHELOR OF SCIENCE IN AERONAUTICAL ENGINEERING

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

CURRICULUM
Some of the modules and content include:
- Aerodynamics and Fluid Mechanics
- Aircraft Structures and Materials
- Aircraft Structural Analysis and Design
- Propulsion and Turbomachinery
- Overseas Immersion Programme (OIP)

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

"The Bachelor of Engineering with Honours in Aeronautical Engineering is a challenging programme to pursue and will empower you with advanced concepts of aerodynamics like high-speed aerodynamics. You will look back with a great sense of fulfillment and achievement as you enter the aerospace industry with a strong foundation."

Associate Professor Eicher Low
Programme Director
Singapore Institute of Technology

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

BACHELOR OF ENGINEERING WITH HONOURS IN
AEROSPACE SYSTEMS

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

CURRICULUM
Some of the modules and content include:
• Aerospace Systems Team Design Project
• Electromagnetic Compatibility
• Aerospace Control
• Navigation Systems
• Overseas Immersion Programme (OIP)

CAREER OPPORTUNITIES
Aerospace Systems graduates can look forward to careers in
these areas:
• UAV
• Defence
• Payload
• Avionics Development

“Acquire knowledge in manned and unmanned flight systems in the only full-
time Aerospace Systems Engineering programme offered by an autonomous
university in Singapore.”
Associate Professor Eicher Low
Programme Director
Singapore Institute of Technology

BACHELOR OF ENGINEERING WITH HONOURS IN
MECHANICAL DESIGN ENGINEERING

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

CURRICULUM
Some of the modules and content include:
• Engineering Design
• Design and Manufacture
• Mechanics of Materials
• and Structures
• Dynamics and Control
• Project
• Mechanics of Solids and Structures
• Mechanical Design
• Overseas Immersion Programme (OIP)

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

“I would like to highlight the phenomenal
service and support received from the UoG
staff. The professors were also very passionate
and really inspired me to appreciate learning.
They taught me that there is so much more
to education than just grades and results.
I am also grateful for the once-in-a-lifetime
visit to the Glasgow campus for our OIP. It
certainly is an extraordinary university and I
am thankful for everything which made this
programme possible.”
Pae Jian Yi
Graduate
Mechanical Design Engineering, BEng (Hons)
University of Glasgow
ENGINEERING

BACHELOR OF ENGINEERING WITH HONOURS IN MECHATRONICS

CAMPUS LOCATION
SIT@NP Building

ELIGIBILITY
- Polytechnic Diploma Holders

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

CURRICULUM
Some of the modules and content include:
- Electronic System Design
- Real-Time Computer Systems
- Engineering Design
- Dynamics and Control
- Project
- Autonomous Vehicle Guidance Systems
- Robotics
- Overseas Immersion Programme (OIP)

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

“My journey with the University of Glasgow has adequately equipped me with the relevant technical skills to be an effective engineer in my work place. Our lecturers/peers have also demonstrated and imparted to us compassionate values to win the hearts of others and the tenacity to fight for our dreams through continuous encouragement and guidance. UoG has also spared no expense in grooming and nurturing students into world-class professionals.”

Marcus Lim Wei Liang
Graduate
Mechatronics, BEng (Hons)
University of Glasgow

Visit SingaporeTech.edu.sg for the list of relevant diplomas.
The reliance on food, chemicals and medicinal drugs is becoming increasingly real today. With Singapore being resource-scarce, it is crucial for us to develop expertise in chemical and pharmaceutical engineering as well as food technology to sustain both the growth of our population as well as the economy. These sectors provide careers with lots of opportunities for innovation, where new sources of sustenance can be developed and old ones improved upon, without impacting too much on nature. The pharmaceutical, chemical and food industries are constantly on the lookout for the next innovative drug, alternative energy that is sustainable and economical, and new and healthier food products.
CHEMICAL ENGINEERING AND FOOD TECHNOLOGY

BACHELOR OF ENGINEERING WITH HONOURS IN
PHARMACEUTICAL ENGINEERING

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

CURRICULUM
Some of the modules and content include:

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

CAREER OPPORTUNITIES
Besides the pharmaceutical industry, graduates can look forward to careers in these areas:

- Chemicals
- Biotechnology
- Life Science
- Nutraceuticals
- Flavours and Fragrances

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

Associate Professor Lim Kok Hwa
Programme Director
Singapore Institute of Technology

BACHELOR OF FOOD TECHNOLOGY WITH HONOURS

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-world challenges through projects that focus on industry-relevant problems and solutions, and obtain work experience in food processing plants through SIT’s unique Integrated Work Study Programme (IWSP).

CURRICULUM
Some of the modules and content include:

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

CAREER OPPORTUNITIES
Food Technology graduates can look forward to careers in these areas:

- Food Manufacturing
- Product Development
- Quality Control and Assurance
- Food Microbiology and Safety
- Sensory, Nutrition and Regulatory

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

Associate Professor Lim Bee Gim
Programme Director
Singapore Institute of Technology
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, and socially and environmentally acceptable. 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**

Some of the modules and content include:
- Thermodynamics
- Process Measurement, Modelling and Control
- Renewable Energy Technologies
- Sustainable Design and Manufacture
- Clean Technology Applications
- Plant Design Project
- 26-week Integrated Work Study Programme (IWSP)
- Overseas Immersion Programme (OIP)

**CAREER OPPORTUNITIES**

Chemical Engineering graduates can look forward to careers in these areas:
- Oil and Gas Processing
- Petrochemicals
- Fine Chemicals
- Pharmaceutical Manufacturing
- Waste and Water Management
- Chemical and Research Engineer
- Process/Production/Quality Engineer
- Research Scientist

“Gain your industrially relevant chemical engineering qualifications in a friendly and student-centred environment.”

Dr Tham Ming Tan
Deputy Head of Academic Operations and Director of Operations
Newcastle University

“The recognition of TUM and its internationality were motivating factors that led me to pursue a degree with TUM. The Bachelor programme prepared me well with a strong foundation that I could continue my Masters with, and I gained the knowledge to steer me into a highly specialised career path that I desired.”

Chen Yu Lin
Graduate
Chemical Engineering, BSc
Technical University of Munich
As Singapore propels forward into a future that entails an increasing level of inter-connectivity to each other and to the world at large, the needs of our population rest on information and communication technology.

Being continuously ‘plugged in’ to information enables society to keep abreast of change and, in some instances, to even anticipate and predict the next game-changing technology. At the same time, the realities of remaining connected mean that our systems are vulnerable to external threats.

Thus the industry offers many opportunities for developers/creators as well as the more pragmatic professionals who are mindful of keeping us all safe from potential threats.
The first information security degree to be offered by a local autonomous university, this programme is designed to provide students with the necessary industry-relevant knowledge and practical technical skills to become professionals specialising in the field of information security. The curriculum is based on three key attributes — being highly-specialised, practice-oriented and industry-focussed. Building on core computer science fundamentals, specialised in-depth knowledge and technical skills, the curriculum adopts a holistic approach towards information security, covering the offense, defence, prevention and protection as well as the management and governance of infocomm systems. The curriculum offers many opportunities for students to work on real industry problems as part of their integrative team project and will embark on a 12-month Integrated Work Study Programme (IWSP) in their final year.

**CURRICULUM**

Some of the modules and content include:

- Ethical Hacking
- Applied Cryptography
- Mobile, Network and Web Security
- Governance, Risk Management and Compliance
- Malware Analysis and Defence
- Security Analytics
- 12-month Integrated Work Study Programme (IWSP)

**CAREER OPPORTUNITIES**

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

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

Associate Professor Steven Wong
Programme Director
Singapore Institute of Technology

With the prevalence of Infocomm Technology across all industry sectors including finance, hospitality, manufacturing and healthcare, 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, there will be many opportunities for students to develop and architect enterprise-grade software across a range of devices and systems from embedded systems and mobile devices to cloud-based solutions. Students will also have opportunities to work on real industry problems as part of their integrative team project and will embark on a 12-month Integrated Work Study Programme (IWSP) in their final year.

**CURRICULUM**

Some of the modules and content include:

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

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

Associate Professor Steven Wong
Programme Director
Singapore Institute of Technology

Visit SingaporeTech.edu.sg for the list of relevant qualifications.
INFOCOMM TECHNOLOGY

MASTER OF ENGINEERING TECHNOLOGY AND BACHELOR OF ENGINEERING WITH HONOURS IN TELEMATICS (INTELLIGENT TRANSPORTATION SYSTEMS ENGINEERING)

CAMPUS LOCATION
SIT@Dover

ELIGIBILITY
• Polytechnic Diploma Holders
• A Level/IB Diploma/NUS High School Diploma Holders

A first-of-its-kind degree offered in Singapore, the Telematics (Intelligent Transportation Systems Engineering) programme has been developed with support from 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 of vehicle communication and information processing that are much needed in the industry to support this vision.

CURRICULUM
Some of the modules and content include:
• Sensor Technologies
• Embedded System Design
• Wireless Communications
• Transport Management

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

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

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

BACHELOR OF SCIENCE IN COMPUTER SCIENCE IN REAL-TIME INTERACTIVE SIMULATION

CAMPUS LOCATION
SIT@SP Building

ELIGIBILITY
• Polytechnic Diploma Holders
• A Level/IB Diploma/NUS High School Diploma Holders

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

CURRICULUM
Some of the modules and content include:
• High-Level Programming II – The C++ Programming Language
• Data Structures and Algorithms
• Computer Networks I, Interprocess Communication
• Game Implementation Techniques
• Overseas Immersion Programme (OIP)

CAREER OPPORTUNITIES
• Computer Graphics Developer
• Computer Scientist
• Game Engine Developer
• Software Engineer

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

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

Assistant Professor Zheng Jianxin
Programme Director
Singapore Institute of Technology

“It takes passion, discipline, and determination for students to be successful in this programme. This degree is highly theoretical and academic. In addition, students apply what they learn in real-world projects that simulate actual industry conditions. Students are prepared to be productive as soon as they graduate – as a matter of fact, we tell our students that their first day at DigiPen is equivalent to their first day at work.”

Samir Abou Samra
Programme Director and Chief Technology Officer – International DigiPen Institute of Technology
INFOCOMM TECHNOLOGY

BACHELOR OF SCIENCE IN
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 will learn to leverage 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 integration of technology and design.

CURRICULUM
Some of the modules and content include:
- Game History
- Game Implementation Techniques
- Advanced C/C++
- Operating Systems I, Man-Machine Interface
- Artificial Intelligence for Games
- Introduction to Psychology
- Overseas Immersion Programme (OIP)

CAREER OPPORTUNITIES
- Software Developer
- Gameplay Programmer
- System Designer
- Game Designer
- Game History
- Game Implementation Techniques
- Advanced C/C++
- Operating Systems I, Man-Machine Interface

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

Ben Ellinger
Programme Director and Vice President of Software Production
DigiPen Institute of Technology

"Since the beginning of human history, artists have crafted beautiful images, from the dynamic cave paintings of Lascaux to the stately formalism of the High Renaissance. Yet no advancements in techniques or aesthetics would have been possible without parallel advancements in technology. Today, thanks to computer hardware and software, our tool sets are evolving faster than ever before. DigiPen has been on the forefront of this rapidly changing field for over 27 years, but the mission of this programme has remained constant: to marry the rich artistic traditions of the past with the boundless possibilities of the digital age."

Jazno Francoeur
Programme Director
DigiPen Institute of Technology

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

BACHELOR OF FINE ARTS IN
DIGITAL ART AND ANIMATION

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 will have the ability to produce powerful affecting imagery in a professional studio environment.

CURRICULUM
Some of the modules and content include:
- The Language of Drawing
- Storytelling
- Visual Language and Film Analysis
- 2D Raster Graphics and Animation
- 3D Environment and Level Design
- Media and Ethics: A Social Science Perspective
- Overseas Immersion Programme (OIP)

CAREER OPPORTUNITIES
- 2D and 3D Animator
- Concept Artist
- Illustrator
- Visual Effects Artist
- 3D Environment and Level Design
- Media and Ethics: A Social Science Perspective
- Overseas Immersion Programme (OIP)

"Since the beginning of human history, artists have crafted beautiful images, from the dynamic cave paintings of Lascaux to the stately formalism of the High Renaissance. Yet no advancements in techniques or aesthetics would have been possible without parallel advancements in technology. Today, thanks to computer hardware and software, our tool sets are evolving faster than ever before. DigiPen has been on the forefront of this rapidly changing field for over 27 years, but the mission of this programme has remained constant: to marry the rich artistic traditions of the past with the boundless possibilities of the digital age."

Jazno Francoeur
Programme Director
DigiPen Institute of Technology

Visit SingaporeTech.edu.sg for the list of relevant qualifications.
INFOCOMM TECHNOLOGY

BACHELOR OF ARTS IN
GAME DESIGN

The Game Design programme combines the theory and practice of game design and user experience with coursework in the humanities, social science, art and the fundamentals of mathematics and computer science. Students will 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 deep knowledge of how writing, art and the social sciences all come into play when creating games, interfaces and other interactive experiences.

CURRICULUM
Some of the modules and content include:

- Game Mechanics
- Principles of Composition and Design
- Introduction to Applied Math and Physics
- 2D Game Design
- 3D Game Design
- Cognitive Psychology
- Interactive Narrative and Character Creation for Games
- Overseas Immersion Programme (OIP)

CAREER OPPORTUNITIES

- Game Designer
- System Designer
- Level Designer
- User Interface Designer
- Professional Software Development
- Distributed Algorithms and Systems
- Team Project and Individual Project
- Overseas Immersion Programme (OIP)

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

Ben Ellinger
Programme Director and Vice President of Software Production
DigiPen Institute of Technology

Computing Science is the study of information, computation and computational thinking. In this programme, students will learn wide-ranging topics from programming, programming languages and engineering large software systems to the design and evaluation of human-computer interfaces, algorithms, computer and network systems, and information retrieval and storage systems.

CURRICULUM
Some of the modules and content include:

- Advanced Programming
- Mobile Human Computer Interaction
- Interactive Systems
- Professional Software Development
- Distributed Algorithms and Systems
- Team Project and Individual Project
- Overseas Immersion Programme (OIP)

“The BSc Computing Science programme provided by University of Glasgow has empowered my learning in the field of Information Technology. The modules offered by the school are strongly associated to business needs, where businesses and information technology are inextricably intertwined. The modules are also delivered by a team of dedicated lecturers who are passionate and committed in assisting the students. Furthermore, the administrative support provides a seamless process in coordinating the course structure with the main campus and in ensuring the students’ well-being. During this learning journey, I have learnt more than I had ever expected with University of Glasgow.”

Yin Xiangwei
Graduate
Computing Science, BSc (Hons)
University of Glasgow

Visit SingaporeTech.edu.sg for the list of relevant qualifications.
Like many other developed nations, Singapore will have to cope with an ageing population as well as an increased security threat in the years ahead. As our population ages, the demands on our healthcare system and homeland security forces will continue to increase.

There is always the need for a pool of healthcare and homeland security professionals to provide round-the-clock support and care for our people.

This is more than just a career, it is a calling.
BACHELOR OF SCIENCE WITH HONOURS IN
DIAGNOSTIC RADIOGRAPHY

CAMPUS LOCATION
SIT@Dover

ELIGIBILITY
• Polytechnic Diploma Holders
• A Level/IB Diploma/NUS High School Diploma Holders

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
Some of the modules and content include:
• Patient Care and Safety
• Principles of Radiographic Practice
• Radiographic Practice in Specialised Settings
• CT and MRI
• Sonography and Mammography
• Nuclear Medicine and Hybrid Imaging
• Image Interpretation

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

“Diamond Radiography programme focuses on applied learning, patient-centred care and integration of knowledge and practice. It prepares graduates holistically in areas including clinical competency, evidence-informed practice, professionalism, communication and inter-professional collaboration.”
Assistant Professor Eric Chua
Programme Director
Singapore Institute of Technology

BACHELOR OF SCIENCE WITH HONOURS IN
OCCUPATIONAL THERAPY

CAMPUS LOCATION
SIT@Dover

ELIGIBILITY
• Polytechnic Diploma Holders
• A Level/IB Diploma/NUS High School Diploma Holders

The SIT Occupational Therapy programme is a four-year programme 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, this programme will equip graduates with the knowledge, skills and attitudes to support contemporary development and delivery of occupational therapy, meeting the evolving needs of Singapore’s population. Through SIT’s applied learning pedagogy utilising experiential learning, projects, blended learning and team-based learning, 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
Some of the modules and content include:
• Occupational Therapy Intervention and Clinical Reasoning
• Application of Clinical and Social Psychology in Occupational Therapy
• Contemporary Occupational Therapy Practice with Older Adults
• Chronic Disease Management, Palliative Care and Occupational Performance
• Play, School and Transition
• Engineering and Technology for Healthcare Solutions
• Leadership and Management in Occupational Therapy

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

“Diamond Occupational Therapy programme is contemporary, rigorous and fun! It prepares our graduates to become occupational-focussed, evidence-based, client-centred and reflective occupational therapists, meeting the evolving healthcare needs of Singapore.”
Associate Professor May Lim
Programme Director
Singapore Institute of Technology

Visit SingaporeTech.edu.sg for the list of relevant qualifications.
HEALTH AND SOCIAL SCIENCES

BACHELOR OF SCIENCE WITH HONOURS IN
RADIATION THERAPY

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

CURRICULUM
Some of the modules and content include:

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

CAREER OPPORTUNITIES
Graduates can be employed as radiation therapists in a variety of settings such as:

- Radiation Therapy Centres in Public Sector
- Radiation Therapy Centres in Private Sector

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

Assistant Professor Eric Chua
Programme Director
Singapore Institute of Technology

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

HONOURS DEGREE IN BACHELOR OF SCIENCE IN PHYSIOTHERAPY

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

CURRICULUM
Some of the modules and content include:

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

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

- Acute Hospitals
- Community Hospitals
- Nursing Homes and Senior Care Centres
- Voluntary Welfare Organisations
- Sports Institutes
- Private Practices
- Government Agencies

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

Assistant Professor Benjamin Soon
Programme Director
Singapore Institute of Technology

Visit SingaporeTech.edu.sg for the list of relevant qualifications.
HEALTH AND SOCIAL SCIENCES

BACHELOR IN SCIENCE

DIAGNOSTIC RADIOGRAPHY

CAMPUS LOCATION

SIT@NP Building

ELIGIBILITY

• Polytechnic Diploma Holders

Visit SingaporeTech.edu.sg for the list of relevant diplomas.

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.

CAREER OPPORTUNITIES

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

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

Assistant Professor Suzanne Dennan
Programme Director of the Discipline of Diagnostic Radiography
Trinity College Dublin

Visit SingaporeTech.edu.sg for the list of relevant diplomas.

BACHELOR OF SCIENCE WITH HONOURS IN NURSING

CAMPUS LOCATION

SIT@NYP Building

ELIGIBILITY

• Polytechnic Diploma Holders

Visit SingaporeTech.edu.sg for the list of relevant diplomas.

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

CAREER OPPORTUNITIES

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

“The SIT-UofG nursing programme focuses on developing graduates who are highly competent in providing individual, family, and community nursing care. These nurses will have a keen interest and acumen to explore and examine pertinent issues relating to nursing and healthcare, and will emerge as strong leaders of positive change. They will learn how to shape future practices and policies to improve health systems’ resilience locally and beyond.”

Associate Professor Genedine Lim
Programme Director
Singapore Institute of Technology
HEALTH AND SOCIAL SCIENCES

BACHELOR IN SCIENCE

OCCUPATIONAL THERAPY

This one-year honours degree programme is designed to equip students with the skill and ability to critically evaluate occupational therapy practice, both nationally and internationally. Students will learn about developing and providing client-centred and occupation-focussed interventions using evidence-based practice. Learning will be embedded in current and up-to-date occupational therapy theory and research. 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

Some of the modules and content include:

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

CAREER OPPORTUNITIES

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

- Healthcare Settings
- Companies
- Schools
- Community

“It is an excellent programme that will challenge you to think critically, encourage you to be a reflective practitioner, all whilst opening up a world of possibilities for you.”

Divya Balakrishnan
Graduate
Occupational Therapy, BSc
Trinity College Dublin

Visit SingaporeTech.edu.sg for the list of relevant diplomas.

BACHELOR IN SCIENCE

PHYSIOTHERAPY

The main aims of this one-year honours degree programme are 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 health system in Singapore.

CURRICULUM

Some of the modules and content include:

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

CAREER OPPORTUNITIES

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

- Acute Hospitals
- Community Hospitals
- Nursing Homes and Senior Care Centres
- Voluntary Welfare Organisations
- Sports Institutes
- Private Practices
- Government Agencies

“It’s since its inception in 2012, the Physiotherapy programme has been very popular and continues to grow and attract much interest from physiotherapists throughout Singapore.”

Associate Professor John Gormley
Programme Director and Head of the Discipline of Physiotherapy
Trinity College Dublin

Visit SingaporeTech.edu.sg for the list of relevant diplomas.
HEALTH AND SOCIAL SCIENCES

BACHELOR IN SCIENCE
RADIATION THERAPY

CAMPUS LOCATION
SIT@NYP Building

ELIGIBILITY
• Polytechnic Diploma Holders
• A Level/IB Diploma/NUS High School Diploma Holders

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

CURRICULUM
Some of the modules and content include:
• Research Methodology and Dissertation
• Radiotherapy in Practice
• Treatment Planning 1 – Introduction to Treatment Planning
• Treatment Planning 2 – Advanced Treatment Plan Evaluation
• Specialised Clinical Practice
• Global Health and Service Development
• Leadership and Management
• Overseas Immersion Programme (OIP)

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

“Embark on this exciting programme where you can study in Ireland and experience the Irish Radiotherapy setting while further developing your skill set and qualifications in Radiation Therapy, thus opening up many opportunities.”

Assistant Professor Agnella Craig
Programme Director and Head of the Discipline of Radiation Therapy
Trinity College Dublin

Visit SingaporeTech.edu.sg for the list of relevant diplomas.

BACHELOR OF ARTS WITH HONOURS IN
CRIMINOLOGY AND SECURITY

CAMPUS LOCATION
SIT@TP Building

ELIGIBILITY
• Polytechnic Diploma Holders
• A Level/IB Diploma/NUS High School Diploma Holders

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. With the adoption of several optional modules 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
Some of the modules and content include:
• Youth Crime
• Policing
• Punishment and Prisons
• Radicalism and Terrorism
• Transnational Crime
• Cyber Crime
• Overseas Immersion Programme (OIP)

CAREER OPPORTUNITIES
Criminology and Security graduates can look forward to careers in these areas:
• Government Agencies
• Journalism
• Voluntary Welfare Organisations

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

Dr Leon Moosavi
Programme Director
University of Liverpool

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

But every experience comes at a cost. That’s where we need practitioners who are skilled in dealing not just with numbers but also ‘gray areas’ which may require a delicate touch or a sensitive word. Dedicated professionals who are passionate about their craft and who take pride in delivering a service that sets them apart.
BACHELOR OF
ACCOUNTANCY
WITH HONOURS

CAMPUS LOCATION
SIT@Dover

ELIGIBILITY
• Polytechnic Diploma Holders
• A Level/IB Diploma/NUS High School Diploma Holders

CURRICULUM
Some of the modules and content include:
• Enterprise Accounting Applications
• Business Valuation and Analysis
• Accounting Financial Modelling
• Business Capstone
• Unique industry relevant enhancement modules
• Eight-month Integrated Work Study Programme (IWSP)

CAREER OPPORTUNITIES
• Chartered Accountants/Certified Practicing Accountants
• Auditors and Internal Auditors
• Management Consultants
• Financial Analysts

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

The Accountancy programme is a three-year direct honours programme, which will hone students’ critical and analytical skills and provide them with requisite knowledge needed for a professional accounting career. Students will go through rigorous academic training and immerse themselves in the accounting and finance industry through the Integrated Work Study Programme (IWSP) with established accounting firms such as Deloitte, EY, KPMG and PwC. With the aim to groom students who are both practice-oriented and industry-ready, they 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.

BACHELOR OF
HOSPITALITY BUSINESS
WITH HONOURS

CAMPUS LOCATION
SIT@RP Building

ELIGIBILITY
• Polytechnic Diploma Holders
• A Level/IB Diploma/NUS High School Diploma Holders

CURRICULUM
Students can expect a curriculum that combines theory and current industry practices against the backdrop of a Singapore-oriented context with industry specialisations in:
• Hotels and Integrated Resorts
• MICE Sectors

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

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

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

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

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

### BACHELOR OF BUSINESS ADMINISTRATION IN FOOD BUSINESS MANAGEMENT

(FORMERLY KNOWN AS BACHELOR OF PROFESSIONAL STUDIES IN CULINARY ARTS MANAGEMENT)

**CAMPUS LOCATION**
Temasek Polytechnic

**ELIGIBILITY**
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders

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 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 global product knowledge and cuisines, business skills and the catering industry. Covering advanced areas such as revenue management and marketing for catering and hospitality businesses, students will be well-prepared to become valued, forward-thinking professionals wherever they go in the food world.

**CURRICULUM**

Some of the modules and content include:
- Menu Development
- Financial Accounting
- Nutrition
- Baking and Pastry Development
- Modern Banquet Cookery
- Contemporary Hospitality and Service Management
- Overseas Immersion Programme (OIP)

**CAREER OPPORTUNITIES**

- Executive Chefs
- Restaurateurs
- Hospitality and Service Managers
- Research and Development Specialists
- Food Writers/Critics

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

**Chef Eve Felder**
Managing Director and Associate Dean
The Culinary Institute of America

Visit [SingaporeTech.edu.sg](http://SingaporeTech.edu.sg) for the list of relevant qualifications.

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### BACHELOR OF ARTS WITH HONOURS IN COMMUNICATION DESIGN

**CAMPUS LOCATION**
SIT@TP Building

**ELIGIBILITY**
- Polytechnic Diploma Holders

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

**CURRICULUM**

Areas of study include:
- Design History and Culture
- Studio Practice and Design Process
- Design Research Methods
- Overseas Immersion Programme (OIP)

**CAREER OPPORTUNITIES**

- Art Director/Advertising
- Graphic Designer
- Digital/Web Designer
- Freelance Practice (publishing, editorial, photography, film and television, etc.)

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

**Chris Hand**
Director of Programmes
The Glasgow School of Art, Singapore

Visit [SingaporeTech.edu.sg](http://SingaporeTech.edu.sg) for the list of relevant diplomas.
BACHELOR OF ARTS WITH HONOURS IN
INTERIOR DESIGN

THE GLASGOW SCHOOL OF ART SINGAPORE

CAMPUS LOCATION
SIT@TP Building

ELIGIBILITY
- Polytechnic Diploma Holders

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
Areas of study include:
- Design History and Theory
- Studio Practice and Design Process
- Design Research Methods
- Overseas Immersion Programme (OIP)

CAREER OPPORTUNITIES
- Established Studios and Small Specialist Practices
- Independent Practice
- Retail and Production Design
- Visual Merchandising

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

Chris Hand
Director of Programmes
The Glasgow School of Art, Singapore

Visit SingaporeTech.edu.sg for the list of relevant diplomas.
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Mondays to Fridays:
10:00 am to 5:00 pm
Closed on Saturdays, Sundays
and Public Holidays

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