DEGREE PROGRAMME HANDBOOK

AY 2020/2021

SiT | SINGAPORE INSTITUTE OF TECHNOLOGY

CONTENTS

PRESIDENT'S MESSAGE

Professor Tan Thiam Soon
President, SIT

Welcome to SIT and I am delighted that you are considering us for your future. Choosing a university is an important decision. When assessing your options, look for a university that fits your aspirations. Look for one that supports your learning and growth, and enables you to build real skillsets. Perhaps most importantly, choose a university that will hone your ability to constantly adapt and prepare you well for your career.

Since our inception in 2009, SIT has been growing and evolving as Singapore's university of applied learning. With 38 programmes spanning five clusters — Engineering, Chemical Engineering and Food Technology, Infocomm Technology, Health and Social Sciences, as well as Design and Specialised Businesses, we offer niche, specialised degrees targeted at growth sectors of the economy. SIT's curriculum is carefully designed with input from industry experts to equip you with the specialised skills needed to excel in your areas of interest.

During your course of study here, you will experience a very different learning journey. At SIT, learning is not confined to the classroom. With an emphasis on applied learning, you will get to reinforce your understanding of fundamental theories through practice.

You will gain industry exposure from day one, through site visits, working in facilities located at our industry partners' premises, overseas exposure programmes and entrepreneurial activities. Our Integrated Work Study Programme (IWSP) will also see you spend six to 12 months in a work environment as an employee tackling problems at work. SIT's applied learning pedagogy takes you closer to industry and community challenges which become learning opportunities.

SIT will be the ideal choice for you if your profile and aspirations match what we offer. We would like to be with you as you start on this exciting and transformational journey of constantly learning and impacting the industry and community.

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

THINKING TINKERERS

- Fundamentally sound
- Practice-oriented

ABLE TO LEARN, UNLEARN AND RELEARN

- Embracing Change
- Learning Beyond University

SIT-DNA

GROUNDED IN THE COMMUNITY

- Serving the Community through Knowledge and Skills

CATALYSTS FOR TRANSFORMATION

- Improving Efficiency
- Creating Value through Innovation
- Inspiring Others

ABOUT SIT

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

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

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

As Singapore's university of applied learning, our emphasis is to equip you with industry-relevant skills and knowledge that will help transform your dreams into reality. Our programmes are carefully designed in consultation with industry so that you will hit the ground running after graduation.

5 REASONS TO JOIN US

UNLOCKING POTENTIAL

1 APPLIED LEARNING PEDAGOGY
2 READY FOR INDUSTRY
3 A BRIGHTER FUTURE
4 GAIN GLOBAL PERSPECTIVES
5 GROUNDED IN THE COMMUNITY

APPLIED LEARNING PEDAGOGY

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

READY FOR INDUSTRY

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

A BRIGHTER FUTURE

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

GAIN GLOBAL PERSPECTIVES

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

GROUNDED IN THE COMMUNITY

Harness your talents and passion to give back to the community. At SIT, we offer you opportunities to work collaboratively and impact society in a positive way.
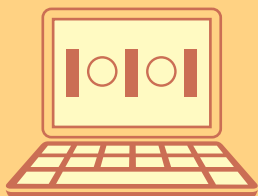
APPLIED LEARNING PEDAGOGY

APTITUDE-BASED ADMISSION

STRONG INDUSTRY PARTNERSHIPS

PRESTIGIOUS SCHOLARSHIPS AND COMPREHENSIVE FINANCIAL AID

EXTENSIVE CAREER GUIDE

GLOBAL EXPOSURE

IWSP OPPORTUNITIES*

VIBRANT STUDENT LIFE

SIT AT A GLANCE

5
CLUSTERS

6
CAMPUSES

7
OVERSEAS UNIVERSITY PARTNERS

38
UNDERGRADUATE DEGREE OPTIONS

89%
OF STUDENTS READ THEIR FIRST AND SECOND CHOICE DEGREE PROGRAMMES

92.5%
OF STUDENTS SECURED A JOB WITHIN SIX MONTHS OF COMPLETING THEIR FINAL EXAM^

>80
TYPES OF STUDENT CLUBS

>200
STUDENT ACTIVITIES PER YEAR

$3,300
MEDIAN SALARY OF OUR GRADUATES^

*For students in SIT-conferred and joint degree programmes.
^Source: 2018 Graduate Employment Survey (GES).

APPLIED LEARNING
IN SIT

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

FOUNDATIONS OF APPLIED LEARNING IN SIT

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

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

A LEARNING ENVIRONMENT FOR STUDENT ENGAGEMENT

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

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

INDUSTRY AND COMMUNITY FOCUSSED

We continually review and align our curricula with evolving industry needs through our Industry Advisory Committees (IACs) and input from professional bodies to ensure you stay relevant. Our curricula include seminars by experts, Integrated Work Study Programme (IWSP) opportunities, industry capstone projects and applied research. The applied research projects that you will undertake will have a strong translational focus where you will be exposed to real world problems through partnerships with the industry, increasing your industry readiness and building your confidence to be effective in your future career.

FACULTY FACILITATED

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

PROFESSIONAL OFFICER MENTORS

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

PEER ENGAGEMENT

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

Once, we had to plan and organise a community health fair with no prior knowledge in health teaching. We struggled initially, but finally prevailed in running a successful event with careful planning and guidance from faculty.

Walter Ting
Year Two
Nursing

AT SIT, lecturers undergo a coaching and mentorship programme* and are taught to listen to and understand the issues faced by students rather than solving the issues for them. Often, I would create a safe space for my students to express themselves freely; when they find a solution, their confidence increases as they become stewards of their own learning journey. This differentiates the way we teach and interact with our students.

Dr Kyrin Leong
Lecturer
Engineering Cluster

The Integrative Team Project (ITP), which is an industry-linked module in the Information and Communications Technology degree programmes, provides me with a chance to work on solving real problems faced by companies. Not only have my skills in professional communication, report writing and project management improved through ITP, I have also gained new knowledge such as machine learning.

Jack Boey Wen Ming
Year Three
Information and Communications Technology (Information Security)

*Specific to the Integrated Work Study Programme (IWSP)
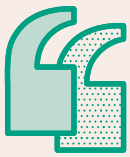
As classroom learning shifts from a teacher-centric to a learner-centric experience, it is essential to create media resources which facilitate deeper learning. I work with faculty and learning designers to produce scenario-based and animated explainer videos, design e-learning packages and even introduce augmented, virtual and mixed reality experiences to our students. In this way, workplace situations and environments are replicated and abstract concepts are brought to life in the classroom. There is great satisfaction in knowing that our students are able to acquire applicable skills in an authentic learning environment, and are better prepared to embark on their careers.

Candice Lee
Educational Media Producer
Centre for Learning Environment and Assessment Development (CoLEAD)

My applied research project analyses the effect of acid on fish protein at my IWSP workplace. I was able to relate back to the theories taught in class to pinpoint and understand the problem, plan the trials and analyse the lab results. This experience has allowed me to better appreciate the lessons taught in the classroom, and eased my transition from being a student to a working professional.

Loh Hui Lin
Graduate (2019)
Food Technology

SIT's applied learning approach is clearly distinctive throughout our coursework as we discuss current and real life financial cases in class. For example, we got to simulate trading sessions using actual financial data from Bloomberg terminals for our finance module assignments.

Darrell Lim Rui Ming
Year Two
Accountancy

With SIT's applied learning approach, students get to put theories and concepts into practice by embarking on real projects which provide value to society and industries under the guidance of experienced mentors. I was fortunate that my applied research project on video analytics for crowd estimation in train and passenger boarding was presented at the 2018 IEEE International Conference on Service Operations and Logistics, and Informatics (SOLI). In addition, I got to establish invaluable relationships in the professional world from this opportunity.

Tan Ryan
Graduate (2018)
Computing Science
Software Developer
DBS Bank

APPLIED LEARNING IN SIT

INDUSTRY-CENTRIC EDUCATION

Our applied learning approach is embedded throughout our curriculum to create an industry-focussed educational journey for you. With our close nexus with industry partners, we have established Industry Advisory Committees (IAC), comprising key industry leaders who guide and provide feedback on the curricula of our degree programmes so that you stay relevant when you enter the workforce.

At SIT, our team of Professional Officers who have years of profound industry experience will guide you as you take on industry attachments and projects.

I mentor students undertaking their industry attachments and projects, and motivate them to maximise every learning opportunity. During lab sessions, I use case studies from my past industry experience and invite industry contacts to share with the students so that they will be immersed in an authentic learning environment. We also have policies and procedures in place to ensure regular contact with students during their IWSP, via weekly logs and regular meet ups. I provide advice on work issues, listen to my students' woes and often guide them closely so that they need not face the problem alone. I am always so heartened and proud to see my students doing their best at their workplace and getting job offers before they graduate!

Janet Tan Hui Hui
Team Lead (POD)
Senior Professional Officer

> The relationship between the Industry Advisory Committee and SIT is truly symbiotic. For the Health and Social Sciences Cluster, each member from different specialisations will provide inputs and feedback to the curricula, ensuring that the qualification and skills that SIT students hold will be relevant to the professions that they are entering. In essence, we are future-proofing our next ready talent pool, where we envision that they will bring significant contributions to the healthcare sector.

Ms Susan Niam
Chief Allied Health Officer
Ministry of Health
Chairperson of Industry Advisory Committee (IAC)
Health and Social Sciences Cluster

With the ever-changing landscape in the global economy, we want to equip you with the essential tools and resources to be career-ready and employable. We do this by cultivating the growth mindset of being able to adopt and embrace an attitude of readiness, and building an ecosystem of industry partnerships so that you stay relevant to the industry. One such initiative is the Industry Mentorship Programme, which is designed to give you a deeper understanding of working life. We will pair you with an Industry Mentor, from whom you will gain industry-specific career advice and guidance, and broaden your perspectives on career opportunities and aspirations.

> I believe a mentor affects the professional life of a mentee by fostering insight, identifying needed knowledge, and expanding growth opportunities. This assistance supplements the coaching an individual already receives from his or her supervisor.

Mr Toh Soon Heng
SIT Industry Mentor

> I am privileged to have a mentor who has many years of experience in the industry relevant to my field of study. Through our interactions, he has provided me with invaluable career-related advice and a clearer understanding of the industry. My peers and I were given a tour of my mentor's workplace, which gave us insights into the industry's culture and practices. This was truly an eye-opening experience for me.

Grace Hung
Mentee
Naval Architecture

RESOURCES AVAILABLE TO MAKE YOU INDUSTRY-READY

INDUSTRY EXPOSURE

Company Visits:

Get up close and personal with potential employers during company visits. This is your chance to 'interview' them and see the work environment first hand. Learn about the companies' work cultures, recruitment processes and available career opportunities.

Recruitment Talks:

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

INDUSTRY MENTORSHIP

Designed to prepare you in anticipation of your foray into the workplace, the Industry Mentorship Programme serves as a perfect platform to connect you to the industry, providing a deeper understanding of working life.

Paired with an Industry Mentor from the relevant industry, you gain industry-specific career advice and guidance in developing your career path, as well as broadening your perspectives on career opportunities and aspirations.

CAREER COACHING

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

NETWORKING EVENTS

Networking is the key to career success. Get a head start in your career by actively participating in the various networking events organised by the Centre for Career Readiness. Engage with potential employers and build a strong network of professional contacts.

CAREER SUCCESS WORKSHOPS

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

READYTALENT JOB PORTAL

ReadyTalent is SIT's one-stop student job portal designed to manage all SIT work attachment positions such as Integrated Work Study Programme (IWSP), Industry Attachment, Work-Study Degree Programmes, Overseas IWSP, jobs under the SIT Student Work Scheme, as well as full-time and part-time job vacancies.

INDUSTRY-CENTRIC EDUCATION

INTEGRATED WORK STUDY PROGRAMME

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

>**1,000** students have completed IWSP at more than **370 companies**^

Close to
70% of graduates* from SIT-conferred degrees received employment offers where they did their IWSP

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

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

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

Note:
^In AY2018 (Excludes Health and Social Sciences students who are on clinical placements).
*Source: SIT Graduate Employment Survey 2018.

I am thankful for the wonderful colleagues at AbbVie who had guided me throughout my IWSP journey. This experience has provided me with in-depth technical knowledge and insights into the role as a biotechnologist in a biologics manufacturing environment. This will give me an edge when I join the industry.

Lim Ying Qi
Year Four
Pharmaceutical Engineering

My eight-month IWSP experience was a dream come true! As I have always wanted to do event planning, being part of Asia's largest travel tradeshow was certainly the icing on the cake! I was fully involved with the planning, pitching and execution, where I was given the chance to devise many fantastic elements on the show floor to create a better visitor experience. The IWSP had also prepared me well for the industry as I can now better understand and anticipate the industry's requirements.

Lim Pei Shan
Graduate (2019)
Hospitality Business

Voyager, Management Trainee
JW Marriott Singapore South Beach Hotel

I am thankful that the engineering concepts, coupled with the practical sessions taught in school, were useful for troubleshooting the problems faced at my IWSP workplace. As an assistant M&E engineer, I could put what I have learnt to practice as I performed engineering calculations and coordinated Building Information Model (BIM) on actual projects. I have also been mentored by my senior colleagues who advised me to pay more attention to certain details in the projects, which will be useful when I join the industry.

Leow Jun Kai
Year Four
Sustainable Infrastructure Engineering (Building Services)

INTEGRATED WORK STUDY PROGRAMME

During my Clinical Practice Education, I went to placement settings including the Institute of Mental Health and National University Hospital. Although it was a steep learning curve, it helped that I could apply what I had learnt in theory to practice while working with clients in the respective settings. Through these placements, I built up my knowledge and experience while developing critical interpersonal and practical skills. This would not be possible without the guidance from my clinical educators, faculty supervisors and other OTs, as well as encouragement and support from my course mates, who had facilitated my learning and reframed my perspectives along the way.

Rachel Chua

Year Four
Occupational Therapy

I decided to do my IWSP at Kimly Limited, a local SME and a major player in Singapore's F&B industry. As the sole developer of a major software project that aims to improve the company's business operations, I was involved in every aspect of the software development cycle as well as the setup and deployment phases of IT hardware, network and server infrastructure. During this valuable work experience, I had to tackle numerous challenges all at once, and that enabled me to master the art of multitasking and time management. I was even offered a full-time position way before my IWSP stint ended!

Lim Ruizhan, Joseph

Graduate (2019)
Information and Communications Technology (Information Security)

Business Application Software Developer
Kimly Limited

My IWSP experience at Moovita has provided me with the opportunity to apply what I learnt in the classroom to the actual workplace. I developed a convenient Graphical User Interface (GUI) using Python programming to create and edit a customised Road Network Definition File (RNDF) of different road objects such as roads, lanes and kerbs. The autonomous vehicle will then utilise this for its behaviour planning, thus enabling it to be safely guided on the road. It was tough but under the guidance of an experienced mentor, I was continuously encouraged to keep an open mind and to think out of the box to solve problems.

Bey Yong Chun

Year Three
Telematics (Intelligent Transportation Systems Engineering)

GO GLOBAL

Learning is not limited to the classroom. At SIT, we encourage you to venture out of your comfort zone and brave new challenges, deepening and broadening your learning journey. You will learn from and be inspired by the best industry players, expand your networks and make new friends across borders!

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

For students pursuing joint[1] or Overseas University (OU)[2] undergraduate programmes, the compulsory[3] Overseas Immersion Programme (OIP) will provide greater learning experiences through international exposure. You will get to interact with your university professors and mentors while experiencing life abroad with your fellow overseas counterparts.

OVERSEAS EXPOSURE PROGRAMME (OEP)[4]

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

INTERNATIONAL INTERNSHIP PROGRAMME (IIP)

» An industry induction initiative for you to gain international work exposure in Asia and beyond.

» Spend a few months working outside of Singapore to deepen your regional insights and widen your industry networks.

OVERSEAS IMMERSION PROGRAMME (OIP)

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

OVERSEAS INTEGRATED WORK STUDY PROGRAMME (OIWSP)

» Gain real work experience focussing on countries in Greater China and ASEAN regions, so as to deepen your international connections.

» Boost your career prospects back in Singapore as well as internationally.

STUDENT EXCHANGE PROGRAMME (SEP)

» Get the opportunity to study abroad at one of SIT's partner universities for one trimester, earning credits towards your SIT degree.

» Study and interact with students around the world, experience living abroad and familiarise yourself with different cultures — all of which will help to develop you into a global ready citizen.

Note:
1. Degree is awarded jointly by SIT and SIT's overseas university partner.
2. Degree is awarded solely by SIT's overseas university partner.
3. This excludes students in the joint Food Technology programme with Massey University. Subject to placement availability, students may complete their Final Year Project in the form of OIP in New Zealand. Students who do not attend the OIP will be required to complete an equivalent paper in Singapore.
4. The Overseas Exposure Programme (OEP) is an optional programme that is available to selected SIT programmes and joint programmes.

> I learnt two main things from my OIP — the true, honest flavour of quality produce and also, how we, as chefs, have the potential to speak up for issues and causes through the food we serve.

Ashwathy S. Kumar
Year Two
Food Business Management (Baking and Pastry Arts)
OIP at The Culinary Institute of America

> It was an eye-opening experience to visit the home campus in Glasgow. I also took the opportunity to travel across Europe with a group of friends and forged memories that will last a lifetime.

Toh Yu Heng
Graduate (2019)
Computing Science
OIP at University of Glasgow

> My OIP in Redmond provided a myriad of new experiences! It was especially enlightening during the exchanges we had with our lecturers and peers from the DigiPen main campus about topics on computer graphics, industry developments, and possible career paths which broadened my horizons.

Megani D/O Rajendran
Year Three
Computer Science in Real-Time Interactive Simulation
OIP at DigiPen Institute of Technology

> Being at Newcastle University provided me with many unforgettable experiences which are truly unique to the culture here. As the class representative, I was heartened to see that the OIP trip had bonded the entire class together, which made my learning journey at SIT a truly memorable one.

Jerome Lim Zhi Le
Year Three
Electrical Power Engineering
OIP at Newcastle University

My IIP was at Chiang Mai University, (CMU) where my internship project was in the area of culturing Xanthophyllomyces dendrorhous with rice straw as energy source to produce Astanxanthin, which has been proven to provide health benefits when consumed. Throughout the process of performing the experiment and analysing the results, I had gained valuable laboratory techniques and theoretical knowledge from my Thai academic supervisor.

Lim Hao Wei

Year Three
Pharmaceutical Engineering
IIP at Chiang Mai, Thailand

We were inspired by the German PhD students and professors who taught us to look at a problem from alternative angles which we had never thought of. Apart from this, I experienced independent living in Munich where I enjoyed cooking with friends during our spare time.

Krishna Guru Maya Krishnan

Year Three
Chemical Engineering
OIP at Technical University of Munich

I attended interesting lectures by established entrepreneurs who spoke on their own experiences with innovation in their entrepreneurship journey. There was a lot to learn and I now better understand the significance of healthcare innovation.

Beh Jia Wen Rebecca

Year Three
Physiotherapy
OIP at Trinity College Dublin

GO GLOBAL

My OIWSP experience enabled me to step out of my comfort zone where I had to grapple with language barriers, and cultural differences in the workplace. With the aid of my colleagues, I was able to adapt and comprehend cultural practices further, and improved my communication skills. I now have a deeper appreciation of the comforts that we are used to back home, which has motivated me to be a better version of myself.

James Gay Horng Tze
Year Three
Hospitality Business
OIWSP in Manila, Philippines

I attended the ZHAW Winter School where I had the chance to meet people from different countries who were also studying to become healthcare professionals. The programmes offered provided me insights into the healthcare system in Switzerland and also widened my understanding of what it means to be an allied health professional.

Seko Aiko
Year Three
Physiotherapy
OEP in Switzerland

During my OEP in China, I had the chance to see trains being manufactured, including the ones for Singapore's future Thomson-East Coast line. I've also observed how metals are manufactured from raw materials and how clean energy and sustainable engineering are being applied in the Tianjin Eco-City. The industry visits in particular, have been beneficial as I now have a better understanding of the link between clean energy and sustainability in the transport sector.

Muhammad Hassanul Ihsan
Year Two
Sustainable Infrastructure Engineering (Land)
OEP in Qingdao, Tianjin and Beijing, China

THE UNITED STATES

EUROPE

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

www.digipen.edu.sg

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

www.ciachef.edu

Ranked in the top 150 universities worldwide*, **Newcastle University (NU)** is a member of the Russell Group, where it is acclaimed for its multidisciplinary research, focussing on important societal challenges such as ageing and health, sustainability and social renewal. Renowned for its teaching excellence and preparing graduates for their professional careers, NU has attained the highest rating of five plus QS Stars by QS World University Rankings.

www.ncl.ac.uk/singapore

Founded in 1868, the **Technical University of Munich (TUM)** is one of Europe's leading research universities. TUM is the only university to have won recognition as a German 'Excellence University' in every round since 2006, and is regularly placed among the best universities in Germany in international rankings. For the fourth year in a row, TUM was the top-ranked German university in the QS World University Rankings.

www.tum-asia.edu.sg

OVERSEAS UNIVERSITY PARTNERS

Gain global perspectives across various disciplines and pursue your highest aspirations through our strong ties with our partner universities from the United States, Europe and Australasia.

Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

Trinity College Dublin (TCD), the University of Dublin is Ireland's oldest and leading university and was founded in 1592. Home to talented and inquiring minds where research is conducted at the frontiers of disciplines, graduates of TCD include Nobel Prize winners in literature, science and medicine; presidents and world leaders; award-winning actors and film makers; internationally renowned poets and playwrights; entrepreneurs and business leaders.

www.tcd.ie

University of Glasgow

Founded in 1451, the **University of Glasgow (UofG)** is the fourth oldest university in the English speaking world. Ranked in the top 100 of the world's universities[#], UofG is a member of the distinguished Russell Group, 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.

www.glasgow.ac.uk/singapore

AUSTRALASIA

MASSEY UNIVERSITY
TE KUNENGA KI PŪREHUROA
UNIVERSITY OF NEW ZEALAND

As New Zealand's only truly national university, with three major campuses in Auckland, Palmerston North and Wellington, **Massey University** is taking the best of New Zealand's creativity and innovation to every corner of the globe. It is ranked in the top 300 of universities worldwide[*] and leads in Food Technology, Veterinary Science, Agriculture, Aviation, Sciences, Health, Social Sciences, Creative Arts, and Business.

www.massey.ac.nz

[*]QS World University Rankings 2020.
[#]QS World University Rankings 2018.

LIFE@SIT

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

JUNE
SUNDOWN: REDISCOVERING SIT

Relax after class and connect with your friends across programmes.

AUGUST
ORIENTATION WEEK AT SIT

Experience SIT, forge new friendships and kickstart your university journey!

OCTOBER
BECOME A SITIZEN AMBASSADOR

A cadre of SITizens who embody the SIT spirit and DNA as strategic members to co-create SIT's future as a reputable university of applied learning.

JULY
CAMPUS-WIDE EVENTS: ENGINEERING DAY

Learn and innovate with your peers and faculty.

SEPTEMBER
SINGAPORE UNIVERSITY GAMES

Our athletes. Our pride.

NOVEMBER
CAMPUS-WIDE EVENTS: RAINBOW CARNIVAL

At SIT, your well-being matters! Learn skills to build good mental health.

DECEMBER
OVERSEAS LEADERSHIP DEVELOPMENT PROGRAMME

Hone your leadership skills as you grow beyond your comfort zone.

FEBRUARY
STUDENT LEADER AWARDS NIGHT

Celebrate achievements as part of your holistic education at SIT.

APRIL
SERVICE LEARNING PROJECTS

Give and grow through overseas community projects.

POCO A POCO
@SIT.POCO.POCO

JANUARY
INTER-CLUSTER GAMES

Form teams with your peers and compete in your favourite sports!

MARCH
ARTS AND CULTURE WEEK

Immerse yourself in a series of performing arts productions specially curated by student clubs.

MAY
MENTORSHIP PROGRAMMES

Be inspired by talented, experienced professionals as they share their secrets of success with you.

ONCE A SITIZEN, ALWAYS A SITizen

Navigate life after SIT and get ready for the myriad of exciting activities coming your way.

As part of the alumni, you can look forward to:

- Your personalised SIT Alumni Card
- Free-for-life SIT Alumni email account
- Exclusive invitations to events hosted by the three SIT Alumni Networks
- SITizen — the free alumni newsletter
- $2,000 worth of SITizens Learning Credits

Collect your personalised **SIT Alumni Card** at your graduation ceremony to enjoy exclusive privileges. Stay connected through your **free-for-life SIT Alumni email account.**

Attend the **New Alumni Welcome Party** and celebrate the start of a new chapter with fellow SITizens!

ICG is a great chance for me to meet up with my university mates to train and compete together. After joining the working world, these moments have become quite rare and I'm glad I still have the chance to re-live them.

Pang Wen Jie
Graduate (2016)
Electrical Power Engineering

Put your game face on and represent your cluster in a friendly competition at the **SIT Inter-Cluster Games** (ICG) through the **Alumni Sports Network.**

> It's a rare opportunity to have the chance to listen to leading industry veterans. I gained a lot of valuable insight that help me rethink my perspective on work.

Chong Hiu Fung
Graduate (2018)
Information and Communications Technology
(Software Engineering)

Listen in to the conversation during **The SITuation Room: Dialogue with Leaders** to gain insights on trends and challenges, and find mentorship with knowledgeable industry practitioners.

Enjoy the latest blockbusters with fellow SITizens at the **Alumni Movie Night.**

Navigate a business event confidently with your new-found knowledge from **The Art of Mingling and Networking Workshop by Alumni Career Network.**

> An interesting thing we were taught was how to identify visual, auditory or kinesthetic communicators, which provides us with very valuable tools that we can apply in social situations.

Lim Xing Yi
Graduate (2018)
Information and Communications
Technology (Software Engineering)

Catch up with old friends and make some new ones at **CheerSIT's Thursday** by **Alumni Leisure Network.**

START HERE.
TAKE THE NEXT STEP.

- ADMISSIONS
- SIT SCHOLARSHIP
- FINANCIAL ASSISTANCE

MID JAN – MID MAR

Application Opens

SIT SCHOLARSHIP APPLICATION **OPENS**

Submit and check your application via
https://Admission.SingaporeTech.edu.sg

For application dates and deadlines,
visit **SingaporeTech.edu.sg**

FEB – MAY

If you are **shortlisted,** you will be assessed through interviews. For specific degree programmes, you may have to submit portfolios or essays, and/or be assessed through written or technical tests.

APR – MAY

Check your **Admissions Application Outcome.**

If you are **shortlisted** for the SIT Scholarship, you will be invited for an interview assessment.

HOW WE ASSESS YOUR APPLICATION

- ✓ Passion
- ✓ Relevant work experience/internships
- ✓ Co-curricular interests
- ✓ Personal qualities
- ✓ Meeting the minimum academic requirements (refer to next page)

BY JOINT ACCEPTANCE DEADLINE

If you are **successful,** accept our offer!

JUNE

When you have accepted admission, you will receive a **pre-matriculation package.**

Check your SIT scholarship application outcome. If you are successful, accept our offer by the **stipulated deadline.**

FINANCIAL ASSISTANCE APPLICATION **OPENS**

SINGAPORE INSTITUTE
OF TECHNOLOGY

SIT adopts an aptitude-based approach in assessing applicants for admission. This means we look beyond your grades and see you as an individual with diverse qualities and talents. We are interested in who you are and how you can contribute to the community and industry. At SIT, we seek out passionate individuals who possess the 'can do' attitude and are ready to be equipped with specialised skills needed to excel in their programme of interest.

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

ACADEMIC REQUIREMENTS

You should possess one of the qualifications listed here:

FULL-TIME DIPLOMA FROM ANY LOCAL POLYTECHNIC[1]

» Nanyang Polytechnic

» Ngee Ann Polytechnic

» Republic Polytechnic

» Singapore Polytechnic

» Temasek Polytechnic

If you are a final-year polytechnic student, you may apply for admission using your first five semesters' results within the stipulated time frame. Upon receipt of your sixth semester's results and diploma certificate, you must then upload them as proof of graduation.

INTERNATIONAL BACCALAUREATE DIPLOMA (IB)[1]

» Obtained a minimum grade five in at least two Higher Level (HL) and one Standard Level (SL) subjects.

» Obtained the IB Diploma[2].

» Met one of the following Mother Tongue Language (MTL) Requirements[3]:

   » 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.

GCE A LEVEL[1]

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

» Met one of the following Mother Tongue Language (MTL) requirements[3]:

>   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[1]

» Obtained the NUS High School Diploma[2].

» Met one of the following Mother Tongue Language (MTL) requirements[3]:

>   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.

DIPLOMA FROM OTHER INSTITUTIONS[1]

(For Selected Programmes)

If you are applying with a Diploma from Nanyang Academy of Fine Arts, LASALLE College of the Arts, BCA Academy or Institute of Technical Education, you will be considered for selected programmes.

OTHER YEAR 12 EQUIVALENT QUALIFICAIONS[1]

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

Note:

1. To help us understand the academic pathway you have taken, please fill in the details of both your entry qualification (i.e. Polytechnic Diploma/A Level/IB or equivalent Year 12 results) and your GCE O Level or equivalent Year 10 results/ITE (Nitec and Higher Nitec) when you apply for admission to SIT. SIT accepts applicants who did not sit for the GCE O Level examination and have come through other forms of secondary or post-secondary education such as the Polytechnic Foundation Programme (PFP).

2. Forecasted results will not be accepted.

3. For those who are exempted from MTL, the approval letter issued by MOE must be provided as a supporting document. Alternatively, students may offer an MTL-in-lieu subject approved by MOE. Those who did not fulfil the MTL requirement may be offered 'provisional admission', and are required to either (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.

*In particular, applicants presenting an international qualification where the main language of instruction is not English, are required to submit a Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) or its equivalent. The minimum scores required are either TOEFL 90 or IELTS (Academic) 6.5. More details are available on the SIT website.

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

OPEN THE FLAP

APPLICATION TIPS

LIST UP TO FIVE programme choices in your application.

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

FILL IN your CCA participation and achievements, including noteworthy competitions such as WorldSkills Competition, International Olympiads, RoboCup etc., where applicable. Ensure that details of your relevant work experience including internships and Work-Study Post-Diplomas (related to programme choices) are **ACCURATELY AND COMPREHENSIVELY** filled in.

CHOICE ORDER IS TAKEN INTO CONSIDERATION in the shortlisting for a specific programme. If your application is assessed to be sufficiently competitive for your highest-ranked programme choice, you will be offered your first choice programme, and not be considered for subsequent programme choices.

Highlight related **ACHIEVEMENTS AND SALIENT POINTS** in your Personal Statement to demonstrate your passion and aptitude.

Ensure that details of your academic qualifications are **ACCURATE AND COMPLETE.**

APPLICATION CHECKLIST

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

✓ **NRIC/11B/Passport**

✓ **GCE O Level/ITE/IP or equivalent Year 10 results**

✓ **Any additional programme-specific requirements for the individual degree programmes**

✓ **Polytechnic results**
Final semester polytechnic students may apply for admission with their first five semesters' results first, and upload the results of their sixth semester and diploma certificate upon graduation.

OR

✓ **GCE A Level/IB Diploma/NUS High School Diploma/Diploma from Other Institutions/Other Year 12 Equivalent Qualifications**
Forecasted results will **not** be accepted.

NATIONAL SERVICE (NS)-LIABLE APPLICANTS

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

CURRENT/FORMER UNIVERSITY STUDENTS

If you have previously studied or are currently studying in a degree programme at the following institutions: National University of Singapore, Nanyang Technological University, Singapore Management University, Singapore University of Technology and Design, Singapore Institute of Technology, Singapore University of Social Sciences[1], LASALLE College of the Arts, Nanyang Academy of Fine Arts, you may apply to SIT during the admissions application window. However, if you are a current SIT student, you are not eligible to apply in this exercise. Instead, you may wish to enquire with the SIT Registrar's Office for the procedure on a change of programme.

Undergraduate students who are switching to another degree programme either within or across the institutions stated above will be eligible for the Tuition Grant up to total credits required for graduation at SIT, less the percentage of semesters or trimesters of Tuition Grant received at their previous university.

Note:
1. Part-time degree graduates from the Singapore University of Social Sciences (formerly known as UniSIM) who had partially received the Tuition Subsidy to complete their first part-time undergraduate degree will be eligible for pro-rated Tuition Grant as long as they have not received the Ministry of Education (MOE)'s subsidy at a higher qualification level (e.g. postgraduate diploma and master's programme). If you have graduated from a part-time undergraduate degree programme awarded by then-SIM University and was enrolled in the degree programme between 2001 to 2008, please contact us at Registrar@SingaporeTech.edu.sg for more details on tuition fees.

SUBJECT PREREQUISITES

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

ENGINEERING

SELECTED LIST OF DEGREE PROGRAMMES	SUBJECT PREREQUISITES
Aerospace Engineering	» A good pass in one H1/H2 or SL/HL Mathematics » A good pass in one H1/H2 or SL/HL Physics
Aircraft Systems Engineering	Applicants must fulfil admission requirements
Civil Engineering	
Electrical Power Engineering	
Electronics and Data Engineering	» Pass in GP or KI » Pass in H2 or HL Mathematics » Pass in H2 or HL Science subject (Biology, Chemistry or Physics) » GCE A Level/IB applicants need to fulfil the language requirements as stipulated by the German Higher Education System[1]
Marine Engineering	Applicants must fulfil admission requirements
Naval Architecture	
Offshore Engineering	
Mechanical Design and Manufacturing Engineering	» A good pass in one H1/H2 or SL/HL Mathematics » A good pass in one H1/H2 or SL/HL Physics
Mechanical Engineering	
Sustainable Infrastructure Engineering (Building Services)	Applicants must fulfil admission requirements
Sustainable Infrastructure Engineering (Land)	
Systems Engineering (ElectroMechanical Systems)	» Pass in one of the following H2 or HL subjects (Mathematics, Physics or Computing); or a pass in H1 or SL Mathematics
Telematics (Intelligent Transportation Systems Engineering)	Applicants must fulfil admission requirements

CHEMICAL ENGINEERING AND FOOD TECHNOLOGY

SELECTED LIST OF DEGREE PROGRAMMES	SUBJECT PREREQUISITES
Chemical Engineering*	» Pass in GP or KI » Pass in H2 or HL Mathematics » Pass in H2 or HL Science subject (Biology, Chemistry or Physics) » GCE A Level/IB applicants need to fulfil the language requirements as stipulated by the German Higher Education System[1]
Chemical Engineering^	» A good pass in one H2 or HL Mathematics » A good Pass in one H2 or HL Science subject (Biology, Chemistry or Physics)
Food Technology	
Pharmaceutical Engineering	» A good pass in any three of the following H1/H2, SL/HL subjects (Biology, Chemistry, Physics and Mathematics)

Note:
*Jointly offered by SIT and TUM.
^Jointly offered by SIT and NU.

INFOCOMM TECHNOLOGY	SELECTED LIST OF DEGREE PROGRAMMES	SUBJECT PREREQUISITES
	Computer Science in Interactive Media and Game Development	≫ Pass in one of the following H2 or HL subjects (Mathematics, Physics or Computing); or a pass in H1 or SL Mathematics
	Computer Science in Real-Time Interactive Simulation	
	Computing Science	
	Digital Art and Animation	
	Information and Communications Technology (Information Security)	
	Information and Communications Technology (Software Engineering)	Applicants must fulfil admission requirements
	Telematics (Intelligent Transportation Systems Engineering)	
	User Experience and Game Design	

HEALTH AND SOCIAL SCIENCES	SELECTED LIST OF DEGREE PROGRAMMES	SUBJECT PREREQUISITES
	Diagnostic Radiography	≫ A good pass in two H2 or HL subjects (Biology, Chemistry, Physics and Mathematics)
	Physiotherapy	≫ Applicants must fulfil English requirements
	Radiation Therapy	
	Dietetics and Nutrition	≫ A good pass in two H2 or HL subjects (Biology, Chemistry, Physics and Mathematics), one of which has to be Chemistry
		≫ Applicants must fulfil English requirements
	Occupational Therapy	≫ A good pass in two H2 or HL subjects, one of which has to be Biology, Chemistry, Physics or Mathematics
		≫ Applicants must fulfil English requirements
	Speech and Language Therapy	≫ A good pass in two H2 or HL subjects, with a good pass in H1/H2 or SL/HL Biology, Chemistry, Physics, Mathematics or Economics
		≫ Applicants must fulfil English and Mother Tongue Language (MTL) requirements

DESIGN AND SPECIALISED BUSINESSES	SELECTED LIST OF DEGREE PROGRAMMES	SUBJECT PREREQUISITES
	Accountancy	Applicants must fulfil admission requirements
	Air Transport Management	≫ A good pass in either H1/H2 or SL/HL Mathematics.
		≫ Alternatively, a good pass in Mathematics or Additional Mathematics at GCE O Level or equivalent[2]
	Digital Communications and Integrated Media	Applicants must fulfil English and additional programme-specific requirements. See additional programme-specific requirements at **SingaporeTech.edu.sg**
	Food Business Management (Baking and Pastry Arts)	See programme-specific requirements at **SingaporeTech.edu.sg**
	Food Business Management (Culinary Arts)	
	Hospitality Business	Applicants must fulfil admission requirements

Note:
1. GCE A Level applicants must have taken two language subjects, out of which one must be at H1 to fulfil the language requirements as stipulated by the German Higher Education System. If you have been exempted from taking MTL for your GCE A Level, you can retake the subject to fulfil the language requirements.
   For further enquiries on the language requirements, please contact TUM Asia Admission Office at admission@tum-asia.edu.sg.
2. Applicants who did not fulfil the Mathematics requirement will be assessed through an in-house technical test.

Programme-specific Requirements
SIT's overseas university partners may have programme-specific admission requirements. Applicants must meet all specified requirements in order to be considered for admission.
For details of programme-specific admission requirements, please visit **SingaporeTech.edu.sg.**

EDUCATION COSTS

THE TYPE OF EDUCATION COSTS THAT STUDENTS INCUR IN SIT
CAN BE BROKEN DOWN INTO **THREE BROAD CATEGORIES:**

TUITION FEES	**LIVING EXPENSES** (e.g. food, transport, laptop, books, etc.)	**ENRICHMENT COSTS** (e.g. Overseas Immersion Programme (OIP) which are compulsory for joint and Overseas University partner degree programmes, Overseas Study Trips, etc.)

TUITION FEES

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

SC, SPR and IS who have received Tuition Grant for studies in degree programmes at NUS, NTU, SMU, SUTD, SIT, SUSS, LASALLE or NAFA, will be eligible for Tuition Grant up to total credits required for graduation at SIT, less the percentage of semesters or trimesters of Tuition Grant received at their previous university. Students who have fully utilised their Tuition Grant for degree programmes and were conferred degree qualifications will have to pay non-subsidised fees for the entire duration of their new programme.

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

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

For students admitted to SIT in Academic Year 2020/21, the annual tuition fees are fixed at the AY2020/21 rate for the duration of their degree programme.

AY2020/21 fees are not available at time of print; please visit **SingaporeTech.edu.sg** for updates.

AY2019/20 PROGRAMME FEES (SGD)					
Undergraduate Programmes	**Cluster**	**Subsidised Fees** (Total Cost)			**Non-subsidised Fees** (Total Cost)[3]
		Singapore Citizens (With Tier A Tuition Grant)[2]	**Singapore Permanent Residents** (With Tier B Tuition Grant)[2]	**International Students** (With Tier C Tuition Grant)[3]	
SIT-conferred/ SIT Joint Degrees[4] (Three Trimesters Per Year)	**Engineering**	Per credit rate is **$136.50 - $179.50** Total: $24,570 - $43,080	Per credit rate is **$262 - $350** Total: $47,160 - $84,000	Per credit rate is **$330 - $441** Total: $63,558 - $113,248.80	Per credit rate is **$503 - $616** Total: $96,878 - $158,189
	Chemical Engineering and Food Technology	Per credit rate is **$136.50 - $172** Total: $32,760 - $41,280	Per credit rate is **$262 - $336.67** Total: $62,880 - $80,800	Per credit rate is **$330 - $425** Total: $84,744 - $109,140	Per credit rate is **$503 - $592** Total: $129,170 - $152,026
	Infocomm Technology	Per credit rate is **$136.50 - $172** Total: $24,570 - $32,760	Per credit rate is **$262 - $336.67** Total: $47,160 - $62,880	Per credit rate is **$330 - $425** Total: $63,558 - $84,744	Per credit rate is **$503 - $592** Total: $96,878 - $129,170
	Health and Social Sciences	Per credit rate is **$154 - $172** Total: $20,640 - $41,280	Per credit rate is **$295 - $336.67** Total: $40,400 - $80,800	Per credit rate is **$375 - $425** Total: $54,570 - $109,140	Per credit rate is **$567 - $592** Total: $76,013 - $152,026
	Design and Specialised Businesses	Per credit rate is **$154** Total: $27,720	Per credit rate is **$295** Total: $53,100	Per credit rate is **$375** Total: $72,225	Per credit rate is **$567** $109,204

AY2019/20 PROGRAMME FEES (SGD)					
Overseas University Partner Degrees[5] (Two Semesters Per Year)	All Clusters	Subsidised Fees (Annual Cost)			Non-subsidised Fees (Total Cost)[3]
		Singapore Citizens (With Tier A Tuition Grant)[2]	Singapore Permanent Residents (With Tier B Tuition Grant)[2]	International Students (With Tier C Tuition Grant)[3]	
		Total: $10,380 - $15,570	Total: $20,200 - $30,600	Total: $27,285 - $41,195	Total: $38,007 - $50,462

AY2019/20 PROGRAMME FEES (SGD)				
Postgraduate Programmes	Duration	Subsidised Fees (Total Cost)		Non-subsidised Fees (Total Cost)[3]
		Singapore Citizens[2]	Singapore Permanent Residents[2]	
Sustainable Infrastructure Engineering (Building Services), MEngTech[6]	Eight-month (Two Trimesters /60 Credits)	Per credit rate is $145.50 Total: $8,730	Per credit rate is $291 Total: $17,460	Per credit rate is $537 Total: $34,476
Sustainable Infrastructure Engineering (Land), MEngTech[7]				
Electrical and Electronics Engineering MEngTech[7]	12-month (Three Trimesters /60 Credits)			
Chemical Engineering MEngTech				

Note:

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

The above Postgraduate Programme Fees are not fixed throughout the student's entire candidature and are subject to yearly review and revision.

1. Students who have graduated from a part-time undergraduate degree programme awarded by then-SIM University and were enrolled in the degree programme between 2001 to 2008, please contact Registrar@singaporetech.edu.sg for more details on tuition fees.

2. The subsidised fees for Singapore Citizens and Singapore Permanent Residents shown are without GST, as GST on tuition fees will be subsidised by Ministry of Education.

3. The fees for International Students and non-subsidised fees are inclusive of 7% GST, with the exception of credit-rate fees (where GST is not indicated, but will be included in the fees billing).

4. 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.

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

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

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

National Servicemen whose enrolment in SIT is delayed by one or two years because of their National Service commitment, are allowed to enjoy a one or two year lag in the payment of their subsidised tuition fees. The fees payable will depend on the year that they had first accepted a place in SIT. For example, if they were offered admission in AY2020 and had accepted the offer, they would pay the subsidised tuition fees applicable for AY2020 when they join SIT in AY2022. If they had reapplied for a new programme in AY2022, they would still pay the subsidised tuition fees applicable for AY2020 regardless of the second application outcome.

ENRICHMENT COSTS

Students who are pursuing joint[1] or OU[2] undergraduate programmes will have to undergo a compulsory[3] Overseas Immersion Programme (OIP). These programmes are designed to provide greater learning experiences and include lectures, hands-on project work, workshops and industry visits. Students will get to interact with their university professors and mentors while experiencing life abroad with their fellow overseas counterparts. Participation in OIP will be reflected in students' Record of Achievement (ROA). This enrichment cost is separate from the tuition fees.

OVERSEAS UNIVERSITY PARTNER	APPROXIMATE DURATION	ESTIMATED COST (SGD)*
DigiPen Institute of Technology	12 weeks	$11,500 - $12,500
Massey University[4]	16 weeks	$8,000 - $11,000
Newcastle University	3 weeks	$4,000 - $5,000
Technical University of Munich	3 weeks	$4,000 - $5,000
The Culinary Institute of America	3 weeks	$8,700 - $9,700
Trinity College Dublin	2 weeks	$3,000 - $4,000
University of Glasgow	3 - 4 weeks[5]	$4,500 - $5,500

Note:

*Costs are estimates and are dependent on prevailing currency exchange rates and flight ticket prices.

1. Degree is awarded by SIT and SIT's overseas university partner.

2. Degree is awarded solely by SIT's overseas university partner.

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

4. Due to placement availability, the maximum number of students attending OIP in New Zealand may be restricted. Students who do not attend the OIP will be required to complete an equivalent paper in Singapore.

5. The actual OIP duration is programme-specific.

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

SCHOLARSHIPS AT A GLANCE

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

	SIT SCHOLARSHIP	SIT MID-TERM SCHOLARSHIP
FEATURES	**Bond-Free** No bond is attached to the scholarship, enabling students to pursue their dream career without any worries. **Moulding leaders of tomorrow** Through the engagement with scholars such as the induction camp, dialogue sessions and specially curated workshops, they will be moulded into the leaders of tomorrow.	
COVERAGE	**Subsidised tuition fees based on the prevailing cost of the degree programme for Singapore Citizens** **Annual miscellaneous fees**	
UNDERGRADUATE PROGRAMME	**All programmes**	
ELIGIBILITY	**SC or SPR** **Outstanding academic results** **Strong leadership qualities** **Good CCA record**	**SC or SPR** **Outstanding academic results** **Strong leadership qualities** **Good CCA record** **For SIT or joint degree programmes:** Completed 60 credits **For OU degree programmes:** Entering final year of degree programme

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

SINGAPORE INSTITUTE
OF TECHNOLOGY

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

DONOR-SUPPORTED BOND-FREE SCHOLARSHIPS

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

- Baker Tilly Scholarship
- BR Metals Scholarship
- Choo Chiau Beng Overseas Immersion Programme Scholarship
- EnGro Scholarship
- EPS Computer Systems Scholarship
- Feng Ming Scholarship
- Ho Bee Scholarship
- iSparkle Scholarship
- John Abraham Rapid Physiocare Scholarship
- Kewalram Chanrai Group Scholarship
- KKH Scholarship
- Lim Doa Hin Scholarship
- Lim Siah Mong Scholarship
- Mr & Mrs Ko Seng Gie Scholarship
- Naterra Resources International Scholarship
- Nexia TS Public Accounting Corporation Financial Scholarship
- Octava Foundation Scholarship

- ON Semiconductor Scholarship
- Peter Lim Scholarship
- Prudential Scholarship
- Rotary Club of Bugis Junction Scholarship
- Rotary Club of Tanglin & Tong Kok Chiang Scholarship
- RSM Singapore Financial Scholarship
- SBF Foundation – SIT Scholarship
- SCCCF Scholarship
- Seagift Scholarship
- Select Group Scholarship
- Singapore Chemical Industry Council Financial Scholarship
- Tan Sri (Dr) Tan Chin Tuan Scholarship
- Teknor Apex Asia Pacific Financial Scholarship
- The Abang Scholarship
- The Ngee Ann Kongsi Scholarship
- TUCSS Engineering Scholarship
- Wilmar Scholarship

EXTERNAL SCHOLARSHIPS

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

SCHOLARSHIPS ADMINISTERED BY MOE-APPOINTED SECRETARIAT OFFICE

LKY
— STEP AWARD

LEE HSIEN LOONG
AWARD

UNIVERSITY ENGINEERING SCHOLARSHIP

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

DONOR-SUPPORTED
EXCELLENCE AWARDS

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

Acestes Book Prize in Mobile Security

ADERA Global Book Prize in Integrative Team Project

ADERA Global Book Prize in Introduction to Software Engineering

Amazon Book Prize in Distributed Systems Programming

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

Amoy Street Dental Book Prize in Research - Critical Appraisal of Literature

Ardent Book Prize in Business Valuation and Analysis

AsiaCloud Solutions Book Prize in Security Governance, Risk Management and Compliance

Baker Tilly Outstanding Student Award in Accountancy

Canary Intelligence Book Prize in ICT in Organizations

CEI Book Prize in Mechatronic Systems

CEI Book Prize in Robotics

CEI Outstanding Student Award in Mechanical Design & Manufacturing Engineering

Changi Airport Group Book Prize in Airport Operations and Management

Choo Chiau Beng Outstanding Student Award in Naval Architecture

Core Concepts Book Prize in Musculoskeletal Physiotherapy (Spine)

CPA Australia Book Prize in Fraud, Ethics and Forensic Accounting

CPA Australia Book Prize in Tax Treaties and Transfer Pricing

CSIT Book Prize in Secured Software Development

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

Cybersprout Book Prize in Network Security

Cybersprout Book Prize in Nutrition Health and Disease

Cyclect Book Prize in Electrical Systems

DBS Yearly Performance Awards

Deloitte & Touche Book Prize in Audit Process

Deloitte & Touche Book Prize in Enterprise Accounting Applications

Deloitte & Touche Book Prize in Financial Accounting

EPS Computer Systems Book Prize in Web Security

EPS Computer Systems Book Prize in Web Systems and Technologies

EPS Computer Systems Outstanding Student Award in Information and Communications Technology

EY Outstanding Student Award In IWSP

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

Furama Hotels Book Prize in Capstone Project

ICES Outstanding Student Award in Chemical Engineering

IES-IStructE Joint Committee Book Prize

IMDA Gold Medals

Ingredion Outstanding Student Award in Food Technology

Institute of Materials (East Asia) Book Prize in Materials Science and Engineering

Jumbo Group Book Prize in F&B Management

Kaspersky Book Prize in Digital Forensics

Kaspersky Book Prize in Malware Analysis and Defense

Kaspersky Cybersecurity Award

Keppel Gold Medals

Kevin Liang Book Prize in Introduction to Gastronomy

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

Loh Chia Heng Accountancy Award

Mount Alvernia Hospital Book Prize in Development in Nursing Practice

National Council of Social Service Outstanding Student Award in Physiotherapy

National Council of Social Service Outstanding Student Award in Occupational Therapy

Nexia TS Public Accounting Corporation Book Prize in Auditing

OceanMaster Engineering Book Prize in HVAC 1

One Farrer Hotel Book Prize in Hospitality Consumer Behaviour

PKF Book Prize in Change Management

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

PwC's Final Year Accountancy Student Award

Quantum Inventions Book Prize in Database and Information System

Raffles Hotel Singapore Book Prize in Service Innovation

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 Managing Long Term Conditions in Communities

Samwoh Corporation Outstanding Student Award in Civil Engineering

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

Siemens Book Prize in Systems & Software Engineering

Singapore Accountancy Commission Outstanding Student Leader Award

Singapore Chemical Industry Council Book Prize in Bachelor Thesis

Singapore Chemical Industry Council Book Prize in Process Safety

Singapore Computer Society Prize for Final Year Best Capstone Project in Software Engineering

Singapore Food Manufacturer's Association Book Prize in Industrial Systems Improvement

Singapore Heart Foundation First Prize in Cardiopulmonary Rehabilitation

Singapore Heart Foundation Second Prize in Cardiopulmonary Rehabilitation

SMRT Outstanding Student Award in Sustainable Infrastructure Engineering (Land)

SP Group Book Prize in Electrical Systems

Sprinkler Fire Systems Book Prize in Fire Engineering Fundamentals

steel.sg Book Prize in Civil Engineering Materials

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

Tan and Neo Book Prize in Work and Productivity

Taylor & Francis Asia Pacific Book Prize in Exercise Physiology

Texas Instruments Singapore Book Prize in Computer Organisation and Architecture

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

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

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

The Pan Pacific Brand Yearly Performance Award in Hospitality Business

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

The Pan Pacific Singapore Book Prize in Fundamentals of Hospitality Business

The Park Hotel Group Book Prize in Hospitality Interactive Marketing

The PARKROYAL Brand Yearly Performance Award

The PARKROYAL on Kitchener Road Book Prize in Hospitality Sales & Event Services

Thomson Medical Final Year Nursing Student Award

Yeakin Book Prize for the Top Student in Capstone Project

FINANCIAL ASSISTANCE SCHEMES
AT A GLANCE

MISCELLANEOUS SUPPORT

» Laptop Support Scheme

» Overseas Student Programme Loan

» Emergency Funds and Grants

LIVING ALLOWANCE/ EDUCATION EXPENSES

» SIT Study Loan Living Allowance

» Higher Education Community Bursary

» Higher Education Bursary

» SIT Bursary

» Donor-Supported Bursaries

TUITION FEES

» MOE Tuition Grant

» MENDAKI Tertiary Tuition Fee Subsidy

» Post-Secondary Education Account

» CPF Education Scheme

» Tuition Fee Loan

» SIT Study Loan

» Donor-Supported Bursaries

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

Students can apply online for any of the financial assistance schemes.

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

Information is correct at the time of print.

For more details, please visit **SingaporeTech.edu.sg.**

DONATED BURSARIES AND STUDY GRANTS

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

DONATED BURSARIES/STUDY GRANTS	RESIDENCY CRITERION	QUANTUM PER ACADEMIC YEAR (SGD)
Abwin Study Grant	SC	$5,000
Aegis Building & Engineering Bursary	SC/SPR	$5,000
Alfa Tech Bursary	SC/SPR	$5,000
Apricot Capital Foundation Bursary	SC/SPR	$5,000
Ascendas Real Estate Investment Trust ("A-REIT") Bursary	SC	$5,000
Aviva Bursary	SC/SPR	$5,000
Catalyst Bursary	SC/MY	$5,000
Chan Yen Chung & Lau Khuai Soon Bursary	SC/SPR	$5,000
Choo Chiau Beng Bursary	SC	$5,000
Dou Yee Enterprises Bursary	SC/SPR	$7,500
ENGIE Services Singapore Bursary	SC/SPR	$5,000
FEINMETALL Bursary	SC	$5,000
Geo Energy Bursary	SC/SPR	$5,000
GIC Sparks & Smiles Award	SC	$6,000
Goh Bee Gah Bursary	SC	$5,000
Goh Family Bursary	SC	$5,000
Goh Foundation Allowance	SC	$2,000
Goh Foundation Bursary	SC	$6,250
Hifsah Begum Study Grant	SC/MY	$5,625
Ho Family Bursary	SC	$5,000
Hong Leong Foundation Bursary	SC	$5,000
HSH Study Grant	SC	$5,000
ICH Gemini Bursary	SC	$5,000
JCS-Echigo Study Grant	ALL	$5,000
John Abraham Rapid Physiocare Bursary	SC/SPR	$5,000
JSP Study Grant	ALL	$5,000
Kee Gen Heng Bursary	SC	$5,000
Keppel Study Grant	SC	$5,000
Khoo Chwee Neo Foundation Bursary	ALL	$5,000 - $10,000
Kimly Construction Bursary	SC/SPR	$5,000
Koufu Bursary	SC/SPR	$5,000
Kwai Fong & Raymond Goh Study Grant	SC	$5,000
Kwan Im Thong Hood Cho Temple Bursary	SC	$5,000
Lee Foundation Bursary	SC/SPR	$6,220
Lee Foundation Emergency Grant	SC/SPR	$2,000-$5,000
Li Ah Ngor Bursary	ALL	$5,000
Lien Shih Sheng Bursary	SC/SPR	$5,000
Lih Ming Construction Bursary	SC/SPR	$5,000
Lim Chew Swee Bursary	SC	$5,000
Lim Doa Hin Study Grant	SC	$5,000
Lim Family Bursary	SC	$10,000
Lim Pu Leh Bursary	ALL	$5,000
Lions Community Service Foundation Emergency Grant	ALL	$2,000
Lo Chee Fei & Ng Choy Wah Bursary	SC	$7,500
Lo Hock Ling Bursary	SC	$5,000
Loo Shaw Chang & Tan Hooi Hong	SC	$5,000
Low Ming Wah Study Grant	ALL	$5,000
Loyang Tua Pek Kong Bursary	SC/SPR	$5,000

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

SINGAPORE INSTITUTE
OF TECHNOLOGY

DONATED BURSARIES/STUDY GRANTS	RESIDENCY CRITERION	QUANTUM PER ACADEMIC YEAR (SGD)
L-QuBE Bursary	SC/SPR	$5,000
M.Tech Bursary	SC/SPR	$5,000
Mapletree Bursary	SC	$5,000
Marina Bay Sands Bursary	SC/SPR	$5,000
Mdm Leow Sik Kee Bursary	SC	$6,000
MHC Asia Group — OdetheArt & Dr Ng Choon Hee Bursary	SC	$5,000
Microcast Bursary	SC/SPR	$5,000
Mohamed Abdul Jaleel Bursary	SC	$5,000
Mr and Mrs Chow Wing Tak Bursary	SC/SPR	$5,000
Net-Source Group Study Grant	SC/SPR	$5,000
Ng Sheng Poh and Quek Siew Keow Bursary	SC	$5,000
Ocean Tankers Bursary	SC	$5,000
Paul Tseng Study Grant	SC/SPR	$3,000
Pei Hwa Foundation Bursary	SC	$5,000
Q'son Kitchen Equipment Bursary	SC/SPR	$5,000
Rotary Club of Bugis Junction Bursary	SC/SPR	$5,000
Rotary Club of Jurong Town Bursary	SC	$5,000
S.S. Jhunjhnuwala - Naumi Hotel Bursary	SC/SPR	$5,000
Samwoh Corporation Bursary	SC/SPR	$5,000
Samwoh Corporation Global Immersion Study Grant	SC/SPR	$5,000
SATS Foundation Bursary	SC	$5,000
Sheng Siong Group Bursary	ALL	$5,000
Silent Minority Bursary	SC (Malay, Indian, Eurasian descent)	$5,000
Singapore Contractors Association Study Grant	SC/SPR	$5,000
Singapore Leong Khay Huay Kuan Bursary	SC	$3,000
SIT Bursary	SC/SPR	$3,000
steel.sg Study Grant	SC	$5,000
Super Bean Bursary	SC/SPR	$5,000
T T J Design and Engineering Overseas Immersion Programme Grant	SC/SPR	$4,000
T.E Engineering Bursary	ALL	$5,000
TAK Bursary	SC	$5,000
TE Connectivity Bursary	SC/SPR	$5,000
Teo - Tan Family Study Grant	SC	$5,000
Teo Sie Lee Bursary	SC	$10,000
The Applied Materials Bursary	SC	$5,000
The Ireland Funds (Singapore) Overseas Immersion Programme Grant	SC	$6,000
Thomson Shin Min Foundation Bursary	SC	$5,000
Thye Hong Study Grant	SC/MY	$5,000
Tiong Seng Bursary	SC/SPR	$5,000
TME Bursary	ALL	$5,000
Tractors Singapore Bursary	SC/SPR	$5,000
Wee Woon Kwee Bursary	SC/SPR	$10,000
Woh Hup Bursary	SC/SPR	$5,000
Wong Family Bursary	SC	$5,000
Wong Kwok Leong (黄国量) Bursary	SC	$5,000
Wong SH Bursary	SC	$5,000
Wong Sooi Loon Bursary	SC	$5,000
Worldwide Hotels - Choo Chong Ngen Bursary	SC	$5,000
Wu Peihui Bursary	SC	$6,000
X Inc Bursary	SC	$5,000
Xiao De (孝德) Bursary	SC/MY	$3,000
Xiao De (孝德) Emergency Fund	ALL	Up to $5,000 available
Yangzheng Foundation Bursary	SC	$6,250

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

LIST OF DEGREE PROGRAMMES

ENGINEERING

Aerospace Engineering
Joint Degree with
University of Glasgow

Aircraft Systems Engineering

Civil Engineering
Joint Degree with
University of Glasgow

Electrical Power Engineering
Joint Degree with
Newcastle University

Electronics and Data Engineering
Joint Degree with
Technical University of Munich — TUM

Marine Engineering
Joint Degree with
Newcastle University

Mechanical Design and Manufacturing Engineering
Joint Degree with
Newcastle University

Mechanical Engineering
Joint Degree with
University of Glasgow

Naval Architecture
Joint Degree with
Newcastle University

Offshore Engineering
Joint Degree with
Newcastle University

Sustainable Infrastructure Engineering (Building Services)

Sustainable Infrastructure Engineering (Land)

Systems Engineering (ElectroMechanical Systems)
Joint Degree with
DigiPen Institute of Technology Singapore

Telematics (Intelligent Transportation Systems Engineering)

CHEMICAL ENGINEERING AND FOOD TECHNOLOGY

Chemical Engineering
Joint Degree with
Newcastle University

Chemical Engineering
Joint Degree with
Technical University of Munich — TUM

Food Technology
Joint Degree with
MASSEY UNIVERSITY — UNIVERSITY OF NEW ZEALAND

Pharmaceutical Engineering

INFOCOMM TECHNOLOGY

Computer Science in Interactive Media and Game Development
Joint Degree with

Computer Science in Real-Time Interactive Simulation
Joint Degree with

Computing Science
Joint Degree with

Digital Art and Animation

Information and Communications Technology (Information Security)

Information and Communications Technology (Software Engineering)

Telematics (Intelligent Transportation Systems Engineering)

User Experience and Game Design

HEALTH AND SOCIAL SCIENCES

Diagnostic Radiography

Dietetics and Nutrition

Nursing
Joint Degree with

Occupational Therapy

Physiotherapy
Joint Degree with

Radiation Therapy

Speech and Language Therapy

DESIGN AND SPECIALISED BUSINESSES

Accountancy

Air Transport Management

Digital Communications and Integrated Media

Food Business Management (Baking and Pastry Arts)

Food Business Management (Culinary Arts)

Hospitality Business

ENGINEERING

I was attracted to the industry-relevant modules in my degree programme and the emphasis on hands-on learning at SIT. I also love the closely-knitted culture at the university where my classmates and I help one another with our assignments and preparation for the examinations, ensuring that no one is left behind. The professors are also friendly, caring and available for consultations despite their busy schedules, which has made my learning experience an enjoyable one.

Yap Sune Aik
Year Three
Mechanical Design and
Manufacturing Engineering

I enrolled in the Systems Engineering (ElectroMechanical Systems) programme during the time when SIT had just became an autonomous university. What caught my eye was its applied learning pedagogy and its specialised degrees that cater to the needs of the industry. It was initially challenging to adapt to university life, but with the great mentorship from the professors and various learning opportunities that I had undergone, such as the Integrated Work Study Programme (IWSP) and Overseas Immersion Programme (OIP), I am more prepared mentally and physically for my role now as a software engineer.

Noor Syahirah Binte Kamaruddin
Graduate (2019)
Systems Engineering (ElectroMechanical Systems)
Software Engineer
NCS Pte Ltd

Scan the QR code
to find out more.

Scan the QR code
to find out more.

AEROSPACE ENGINEERING

Degree Programme
- BEng (Hons)

Campus Location
- SIT@NP Building

Eligibility[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
Graduates can look forward to careers in these areas:
- Unmanned Aerial Systems (UAS)
- Defense Contractor
- Aircraft Engine Design and Servicing
- Air Traffic Control
- Design Engineer (Avionics Production and Maintainability)
- Airworthiness and Quality Specialist

The Aerospace Engineering programme is jointly offered by SIT and University of Glasgow (UofG). This unique three-year programme will help students build a sound foundation in aerospace engineering through a curriculum that merges fundamental engineering knowledge with specialised topics in unmanned aerial systems (UAS). Graduates from the programme will be able to study and understand the behavior of aerial vehicles, predict their performance, be familiar with their on-board systems and perform structural and aerodynamic analysis. Practical project work in the area of UAS will allow the application of what has been learnt in the context of a real engineering problem. The degree also develops transferable skills, such as oral and written communication, team work, analytical abilities and time management, all of which provide a sound basis for employment in industry.

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

AIRCRAFT SYSTEMS ENGINEERING

Degree Programme
- BEng (Hons)

Campus Location
- SIT@Dover

Eligibility[1]
- Relevant Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

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

The Aircraft Systems Engineering programme is developed in collaboration with SIA Engineering Company (SIAEC), which provides extensive Maintenance, Repair and Overhaul (MRO) services to more than 80 international airlines worldwide. Built on an interdisciplinary curriculum that cuts across engineering, science and a practical hands-on approach, the focus of the programme is to produce graduates who are both theoretically-grounded and practice-oriented for the Aerospace and MRO industries. The curriculum will also incorporate an intensive eight-month Integrated Work Study Programme (IWSP) at SIAEC. In addition to a degree awarded by SIT, successful graduates from this programme will also be awarded a Certificate of Recognition (CoR) by SIAEC. This CoR is recognised by the Civil Aviation Authority of Singapore (CAAS) and certifies that the holder has completed a SAR-147 Approved Basic Course. Graduates who decide to embark on a career as a Licensed Aircraft Engineer (LAE) with an MRO organisation in Singapore will be able to acquire their Aircraft Maintenance License (AML) in a shorter time as compared to their peers.

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

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

CIVIL ENGINEERING

Degree Programmes

≫ BEng (Hons) — Jointly offered by SIT and the University of Glasgow (UofG)

≫ MEngTech — Solely offered by SIT

Campus Location

≫ SIT@Dover

Eligibility[1]

≫ Polytechnic Diploma Holders

≫ A Level/IB Diploma/NUS High School Diploma Holders

≫ Other Year 12 Equivalent Qualification Holders

Career Opportunities

Graduates can look forward to careers in these areas:

≫ Building and Construction

≫ Engineering Design Consultancy Firms

≫ Facility Operator

≫ Government Agencies

≫ Property Developer

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

Curriculum Highlights

≫ Structural and Geotechnical Design

≫ Construction Technology

≫ Building Information Modelling (BIM) for Civil Engineers

≫ Hydraulics and Hydrology

≫ Capstone Project

≫ Eight-month Integrated Work Study Programme (IWSP)

≫ Overseas Immersion Programme (OIP)

Students who perform well are encouraged to pursue the Master of Engineering Technology (MEngTech) programme.

ELECTRICAL POWER ENGINEERING

Degree Programmes

≫ BEng (Hons) — Jointly offered by SIT and Newcastle University (NU)

≫ MEngTech — Solely offered by SIT

Campus Location

≫ SIT@NYP Building

Eligibility[1]

≫ Polytechnic Diploma Holders

≫ A Level/IB Diploma/NUS High School Diploma Holders

≫ Other Year 12 Equivalent Qualification Holders

Career Opportunities

Graduates can look forward to careers in these areas:

≫ Power Generation and Utilities

≫ Energy Market Management

≫ Transportation and Mobility

≫ Marine and Aerospace Electrical

≫ Oil, Gas and Renewables

≫ Electronic Systems Design

≫ Electrical Services and Consultancy

≫ Research and Development

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

Curriculum Highlights

≫ Generation, Transmission and Distribution

≫ Renewable Energy Systems

≫ High Voltage Technology

≫ Electrical Machines and Generators

≫ Power Electronics

≫ State Space Analysis and Controller Design

≫ Individual Capstone Project

≫ 26-week Integrated Work Study Programme (IWSP)

≫ Overseas Immersion Programme (OIP)

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

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

ELECTRONICS AND DATA ENGINEERING

Degree Programme
- BEng (Hons)

Campus Locations
- SIT@Dover
- SIT@SP Building

Eligibility[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

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

The Electronics and Data Engineering is a four-year honours degree programme jointly offered by SIT and Technical University of Munich (TUM). Combining electronics and data engineering, this unique programme is aimed to equip students with the necessary skills and competencies for the emerging digital workforce. This programme encompasses a broad-based curriculum which focusses on essential knowledge in semiconductor technology, sensors and related electronics as well as practical applications of data science including aspects of data collection and analytics. Students will learn the fundamentals necessary for the electronics industry as well as the foundations of data engineering — both built over a structured and rigorous curriculum that includes mathematics, physics, electronics, circuits, programming, databases and algorithms, Internet of Things (IoT), big data theory and practice, machine learning, data mining, and more.

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

MARINE ENGINEERING/ NAVAL ARCHITECTURE/ OFFSHORE ENGINEERING

Degree Programme
- BEng (Hons)

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

Eligibility[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

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

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

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

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

MECHANICAL DESIGN AND MANUFACTURING ENGINEERING

Degree Programme
» BEng (Hons)

Campus Location
» SIT@NYP Building

Eligibility[1]
» Polytechnic Diploma Holders
» A Level/IB Diploma/NUS High School Diploma Holders
» Other Year 12 Equivalent Qualification Holders

Career Opportunities
» Engineer (Mechanical/ Mechatronic/Manufacturing/ Design/QA/R&D)
» Professional Officer/ Consultant in Commercial and Public Sectors
» Project Manager

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

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

MECHANICAL ENGINEERING

Degree Programme
» BEng (Hons)

Campus Location
» SIT@NP Building

Eligibility[1]
» Polytechnic Diploma Holders
» A Level/IB Diploma/NUS High School Diploma Holders
» Other Year 12 Equivalent Qualification Holders

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

The SIT and University of Glasgow (UofG) joint degree in Mechanical Engineering is a three-year honours degree programme that provides a solid foundation in mechanical engineering and digital skillsets. Students will have a choice of specialisation in Design or Mechatronics. With the need to keep up with the industrial challenges of today, students will be equipped with the knowledge, understanding and skills for mechanical engineering and acquire advanced knowledge in Industrial Internet of Things (IIoT), data analytics and digital designs through project-based multidisciplinary learning and direct industrial immersion. The degree aims to train graduates to meet the growing manpower demands in key industry sectors in Singapore, including healthcare engineering, automation/ robotics, smart designs using 3D printing and digital design tools for manufacturing and maritime.

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

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

SUSTAINABLE INFRASTRUCTURE ENGINEERING (BUILDING SERVICES)

Degree Programmes
- BEng (Hons)
- MEngTech

Campus Locations
- SIT@Dover
- SIT@SP Building

Eligibility[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

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

The Sustainable Infrastructure Engineering (SIE) (Building Services) programme is developed in consultation with the Building and Construction Authority (BCA), Singapore. The programme provides mechanical engineering training with a focus on the delivery of sustainable buildings to prepare students to become building mechanical engineers. It also develops students' lifelong skills to ensure they stay relevant in the building services engineering industry in Singapore and beyond. Students will go through rigorous academic training conducted by highly qualified professors and professional officers, as well as a 12-month Integrated Work Study Programme (IWSP) in the industry. SIE (Building Services) students are being trained to be eligible for Professional Engineering (Mechanical) qualification.

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

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

SUSTAINABLE INFRASTRUCTURE ENGINEERING (LAND)

Degree Programmes
- BEng (Hons)
- MEngTech

Campus Locations
- SIT@Dover
- SIT@SP Building

Eligibility[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

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

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

Curriculum Highlights
- Railway Signalling and Communications
- Rolling Stock and Permanent Way Systems
- Total Preventive Maintenance
- Non-Destructive Testing (NDT)
- Lean Management in Engineering
- Capstone Project
- 12-month Integrated Work Study Programme (IWSP)

Students who perform well in the BEng (Hons) programme may proceed to pursue the Master of Engineering Technology (MEngTech) programme. Graduates with MEngTech qualification will be eligible for future registration as a Professional Engineer (PE) (Singapore) or Chartered Engineer (UK and Commonwealth countries). This unique curriculum design also allows students to attain the professional NDT Level II or NDT Level III (Partial) certification.

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

SYSTEMS ENGINEERING
(ELECTROMECHANICAL SYSTEMS)

Degree Programme
» BEng (Hons)

Campus Locations
» SIT@Dover
» SIT@SP Building

Eligibility[1]
» Polytechnic Diploma Holders
» A Level/IB Diploma/NUS High School Diploma Holders
» Other Year 12 Equivalent Qualification Holders

Career Opportunities
» Systems Engineer
» Project Engineer
» Mechatronics Engineer
» Software Engineer

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

Curriculum Highlights
» Foundation Studies in Physics, Mathematics and Computer Skills
» Mechatronics and Software Engineering
» Systems Engineering and Project Management
» Industry-ready Training
» Hands-on Projects
» Eight- to 12-month Integrated Work Study Programme (IWSP)
» Overseas Immersion Programme (OIP)

TELEMATICS (INTELLIGENT TRANSPORTATION SYSTEMS ENGINEERING)

Degree Programme
» BEng (Hons)

Campus Location
» SIT@Dover

Eligibility[1]
» Polytechnic Diploma Holders
» A Level/IB Diploma/NUS High School Diploma Holders
» Other Year 12 Equivalent Qualification Holders

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

A first-of-its-kind degree offered in Singapore, the Telematics (Intelligent Transportation Systems Engineering) programme has been developed in partnership with various organisations in the land transport industry including LTA, Singapore Technologies, National Computer Systems and companies in the automotive industry such as Continental Automotive Singapore Pte Ltd. Students will be equipped with electrical engineering and computer science core skills, as well as Intelligent Transportation Systems (ITS) knowledge through rigorous academic training by highly qualified professors, while having work-study stints with established organisations. In line with Singapore's goal to become a Smart Nation, students will train to become deep specialists in the relevant areas that are much needed in the industry to support this vision.

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

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

CHEMICAL ENGINEERING AND FOOD TECHNOLOGY

Lessons at SIT are conducted with plenty of group projects using real case scenarios, which provide good practice before heading out to the industry. Through this, I learnt the importance of practising proper conflict management with my team members to achieve a concerted and desired outcome for our projects. There is a lot of lecturer-student interaction, with everyone always ready to help and offer advice. The camaraderie that we have is something I cherish, and is undoubtedly unique to SIT.

Quek Xing Yu

Year Three
Food Technology

I had many amazing learning opportunities at SIT. I was a student facilitator and president of the Running Club. This enabled me to step out of my comfort zone and hone my leadership skills through the various activities and events I had to co-plan. I also had the privilege to do my Integrated Work Study Programme (IWSP) at my current organisation, where I was challenged to come up with solutions for the various manufacturing processes. It definitely helped that the modules taught at SIT were relevant and applicable, thus allowing me to assimilate into my current role seamlessly.

Ng Xin Hui

Graduate (2019)
Pharmaceutical Engineering

Process Engineer
Pfizer Asia Manufacturing Pte Ltd

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Degree Programmes
» BEng (Hons) — Jointly offered by SIT and Newcastle University (NU)
» MEngTech — Solely offered by SIT

Campus Locations
» SIT@Dover
» SIT@NP Building

Eligibility[1]
» Polytechnic Diploma Holders
» A Level/IB Diploma/NUS High School Diploma Holders
» Other Year 12 Equivalent Qualification Holders

Career Opportunities
Graduates can look forward to careers in these areas:
» Oil and Gas Processing
» Petrochemicals
» Fine Chemicals
» Pharmaceutical Manufacturing
» Waste and Water Management

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

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

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

Degree Programme
» BEng (Hons)

Campus Location
» SIT@Dover

Eligibility[1]
» Polytechnic Diploma Holders
» A Level/IB Diploma/NUS High School Diploma Holders
» Other Year 12 Equivalent Qualification Holders

Career Opportunities
Graduates can look forward to careers in these areas:
» Speciality Chemicals
» Pharmaceutical
» Petrochemicals
» Environmental
» Research
» Additive Manufacturing
» Data Engineering

The SIT-Technical University of Munich (TUM) joint degree programme in Chemical Engineering is the first in Singapore imbued with Industry 4.0 topics relevant to the current and future needs of the chemical industry. This four-year degree programme aims to address the growing manpower demands of the local and global chemical industry by training students with deep skills in data engineering and additive manufacturing through intensive laboratory experiments and analysis. Students will have a choice of specialisation in their third year in Data Engineering or Additive Manufacturing.

Curriculum Highlights
» Industrial Automation
» Industrial Software Engineering
» Polymers and Polymer Technology
» Data Processing and Analytics
» Material and Failure Analysis
» 3D Printing
» Bachelor Thesis
» Eight-month Integrated Work Study Programme (IWSP)
» Overseas Immersion Programme (OIP)

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

FOOD TECHNOLOGY

Degree Programme
» BFoodTech (Hons)

Campus Location
» SIT@Dover

Eligibility[1]
» Polytechnic Diploma Holders
» A Level/IB Diploma/NUS High School Diploma Holders
» Other Year 12 Equivalent Qualification Holders

Career Opportunities
Graduates can look forward to careers in these areas:
» Food Manufacturing
» Product Development
» Quality Control and Assurance
» Sensory, Nutrition and Regulatory

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

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

PHARMACEUTICAL ENGINEERING

Degree Programme
» BEng (Hons)

Campus Location
» SIT@Dover

Eligibility[1]
» Polytechnic Diploma Holders
» A Level/IB Diploma/NUS High School Diploma Holders
» Other Year 12 Equivalent Qualification Holders

Career Opportunities
Besides the pharmaceutical industry, graduates can look forward to careers in these areas:
» Chemicals
» Biotechnology and Life Sciences
» Nutraceuticals
» Flavours and Fragrances

As the first Pharmaceutical Engineering degree in Singapore, this programme is built on an interdisciplinary curriculum that integrates engineering, life science and chemistry with an industry focus. The goal of this programme 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 the core competencies of the development and manufacture of the two largest classes of pharmaceutical drugs — biologics and small molecule drugs. Subsequently, they will be trained in the full spectrum of skillsets pertinent to drug manufacturing.

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

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

INFOCOMM TECHNOLOGY

My journey in SIT has been enriching and fruitful as I have picked up a wide array of new skills and knowledge from lecturers who are not only experienced in their respective disciplines, but also very approachable and encouraging. Their relentless care and guidance gave me confidence to do well. With SIT's connections with prominent industry partners, I also had the chance to interact with professionals and mentors in my field through the career fairs, seminars and workshops that were specially organised for us.

Charmaine Tan

Year Two
Telematics (Intelligent Transportation
Systems Engineering)

Throughout my education at SIT, I was constantly challenged to come up with innovative solutions to solve practical problems. The fast-paced nature of my degree programme and the various hands-on learning opportunities such as the Integrated Work Study Programme (IWSP) enabled me to transit smoothly into the workforce. Apart from bolstering my problem-solving skills, the experience also taught me the importance of adapting to changes, especially for my role as a data scientist in DSTA.

Chua Kah Sheng

Graduate (2019)
Information and Communications Technology
(Software Engineering)

Data Scientist (Enterprise IT)
Defence Science and Technology Agency

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to find out more.

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to find out more.

COMPUTER SCIENCE IN INTERACTIVE MEDIA AND GAME DEVELOPMENT

Degree Programme
≫ BSc (Hons)

Campus Location
≫ SIT@SP Building

Eligibility[1]
≫ Polytechnic Diploma Holders
≫ A Level/IB Diploma/NUS High School Diploma Holders
≫ Other Year 12 Equivalent Qualification Holders

Career Opportunities
≫ Software Engineer
≫ Software Developer
≫ Interactive Mobile Application Programmer
≫ VR/AR Software Developer
≫ Tools Programmer
≫ Level Designer
≫ Gameplay Designer/ Programmer

The Computer Science in Interactive Media and Game Development programme arms students with a strong foundation in mathematics, programming and design theory. Building on this strong foundation, they will be well-versed in programming game logic, interaction design, artificial intelligence, databases, design tools and game design theory for digital and non-digital games, level design, system design, and UI/UX design. This programme will address the growing need of the local industry for software engineers that have deep design skills and understanding of user experience in the current digital age.

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

COMPUTER SCIENCE IN REAL-TIME INTERACTIVE SIMULATION

Degree Programme
≫ BSc (Hons)

Campus Location
≫ SIT@SP Building

Eligibility[1]
≫ Polytechnic Diploma Holders
≫ A Level/IB Diploma/NUS High School Diploma Holders
≫ Other Year 12 Equivalent Qualification Holders

Career Opportunities
≫ Computer Scientist
≫ Software Engineer
≫ Artificial Intelligence Developer
≫ VR/AR Software Developer
≫ Machine Learning Engineer
≫ Interactive Mobile Application Programmer
≫ Game Engine Developer
≫ Gameplay Programmer

The Computer Science in Real-Time Interactive Simulation programme provides rigorous training in foundational STEM modules that underpin computer science and simulations, and also focusses on deep programming skills that include high level programming, low level programming, advanced C/C++, data structures, algorithms analysis and three progressive modules in computer graphics. Students will embark on a persistent studio-based software engineering project that spans across every trimester of the study and allows students to continuously apply their module-based knowledge in larger-scale projects, as well as hone essential soft skills in working within multidisciplinary teams. Graduates will be industry-ready with deep technical expertise in developing real-time interactive systems.

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

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

Degree Programme
≫ BSc (Hons)

Campus Location
≫ SIT@NYP Building

Eligibility[1]
≫ Polytechnic Diploma Holders
≫ A Level/IB Diploma/NUS High School Diploma Holders
≫ Other Year 12 Equivalent Qualification Holders

Career Opportunities
≫ Software Engineer/ Programmer/Developer/ Consultant
≫ IT Project Manager/ Engineer/System Engineer/ Administrator/Analyst
≫ Cyber Security Analyst/ Engineer
≫ Mobile Application Developer
≫ IoT Engineer/IoT Solution Architect

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

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

DIGITAL ART AND ANIMATION

Degree Programme
≫ BFA

Campus Location
≫ SIT@SP Building

Eligibility[1]
≫ Polytechnic Diploma Holders
≫ A Level/IB Diploma/NUS High School Diploma Holders
≫ Other Year 12 Equivalent Qualification Holders

Career Opportunities
≫ Character Animator
≫ Concept Artist
≫ 3D Artist
≫ Illustrator
≫ Storyboard Artist

The Digital Art and Animation programme offers comprehensive education in the techniques, processes and tools that professional artists use to create art assets for games, animated films and other digital media. Rather than simply teaching students how to use current software, this programme focusses on developing foundational skills that remain valuable and useful regardless of the technology or medium. It begins with a solid grounding in the traditional arts, then progresses to computer animation techniques and technologies, and culminates in a series of projects that let students experience all stages of the art production pipeline. Graduates of this programme have the ability to produce powerful and affecting imagery in a professional studio environment.

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

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

INFORMATION AND COMMUNICATIONS TECHNOLOGY (INFORMATION SECURITY)

Degree Programme
» BEng (Hons)

Campus Location
» SIT@NYP Building

Eligibility[1]
» Polytechnic Diploma Holders
» A Level/IB Diploma/NUS High School Diploma Holders
» Other Year 12 Equivalent Qualification Holders

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

As the first information security degree programme offered amongst local autonomous universities, it is designed to provide students with the necessary industry-relevant knowledge and practical technical skills. The curriculum is based on three key attributes — highly-specialised, practice-oriented and 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 offence, defence, prevention and protection as well as the management and governance of infocomm systems. Students will also have opportunities to work on real industry problems and embark on a 12-month Integrated Work Study Programme (IWSP) in their final year.

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

INFORMATION AND COMMUNICATIONS TECHNOLOGY (SOFTWARE ENGINEERING)

Degree Programme
» BEng (Hons)

Campus Location
» SIT@NYP Building

Eligibility[1]
» Polytechnic Diploma Holders
» A Level/IB Diploma/NUS High School Diploma Holders
» Other Year 12 Equivalent Qualification Holders

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

With the prevalence of Infocomm Technology across all industry sectors, optimum software engineering is critical to enabling and supporting the daily operations of organisations. Adopting a highly-specialised, practice-oriented and industry-focussed approach, this programme will teach students to design, develop, operate, analyse, maintain and manage software in a holistic and systematic manner. The syllabus aims to cover all learning outcomes specified by the IEEE/ACM Joint Task Force on Computing Curricula for Software Engineering. Through close industry links, students also get to develop and architect enterprise-grade software across a range of devices and systems, from embedded systems and mobile devices to cloud-based solutions. They will also work on real industry problems and embark on a 12-month Integrated Work Study Programme (IWSP) in their final year.

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

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

TELEMATICS (INTELLIGENT TRANSPORTATION SYSTEMS ENGINEERING)

Degree Programme
» BEng (Hons)

Campus Location
» SIT@Dover

Eligibility[1]
» Polytechnic Diploma Holders
» A Level/IB Diploma/NUS High School Diploma Holders
» Other Year 12 Equivalent Qualification Holders

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

A first-of-its-kind degree offered in Singapore, the Telematics (Intelligent Transportation Systems Engineering) programme has been developed in partnership with various organisations in the land transport industry including LTA, Singapore Technologies, National Computer Systems and companies in the automotive industry such as Continental Automotive Singapore Pte Ltd. Students will be equipped with electrical engineering and computer science core skills, as well as Intelligent Transportation Systems (ITS) knowledge through rigorous academic training by highly qualified professors while having work-study stints with established organisations. In line with Singapore's goal to become a Smart Nation, students will train to become deep specialists in the relevant areas that are much needed in the industry to support this vision.

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

USER EXPERIENCE AND GAME DESIGN

Degree Programme
» BA

Campus Location
» SIT@SP Building

Eligibility[1]
» Polytechnic Diploma Holders
» A Level/IB Diploma/NUS High School Diploma Holders
» Other Year 12 Equivalent Qualification Holders

Career Opportunities
» Game Designer
» System Designer
» Level Designer
» User Interface Designer
» User Experience Designer

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

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

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

HEALTH
AND SOCIAL
SCIENCES

"I am impressed with SIT's pedagogy as it has a strong focus on applied learning. This is important to me as I want to be able to integrate and enter the profession better equipped with relevant clinical experience. Our faculty is also varied, consisting of clinical radiographers, doctors, nurses and professors who are experts in their fields. Gaining knowledge from such a diverse group of professionals has exposed me to a multitude of perspectives and provided a multifaceted learning experience.

Devanshi Patidar
Year Three
Diagnostic Radiography

The modules that were taught in SIT such as 'Healthcare Innovation' have been highly applicable to my work as we were given real life cases to analyse and provide solutions for a more efficient and safe environment for patients and healthcare professionals. I also had the chance to be involved in many unforgettable experiences, including being part of the organising committee for the International Council of Nurses, Student Assembly. I also honed my leadership skills as the president of the nursing student management committee where I had to lead and plan events for the cohort. My holistic experience at SIT has certainly prepared me for my role as a future leader in the workforce.

Tay Wai Hao Eugene
Graduate (2019)
Nursing

Staff Nurse
Changi General Hospital

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DIAGNOSTIC RADIOGRAPHY

Degree Programme
≫ BSc (Hons)

Campus Location
≫ SIT@Dover

Eligibility[1]
≫ Relevant Polytechnic Diploma Holders
≫ A Level/IB Diploma/NUS High School Diploma Holders
≫ Other Year 12 Equivalent Qualification Holders

Career Opportunities
Graduates can be employed as diagnostic radiographers in a variety of settings, such as:
≫ Public and Private Hospitals
≫ Private Clinics
≫ Medical Centres

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

Curriculum Highlights
≫ Anatomy and Physiology
≫ Patient Care and Safety
≫ General Radiographic Practice
≫ CT and MRI
≫ Radiobiology and Radiation Protection
≫ Image Interpretation
≫ Research — Critical Appraisal of Literature
≫ 40-week Clinical Practice Education

DIETETICS AND NUTRITION

Degree Programme
≫ BSc (Hons)

Campus Location
≫ SIT@Dover

Eligibility[1]
≫ Relevant Polytechnic Diploma Holders
≫ A Level/IB Diploma/NUS High School Diploma Holders
≫ Other Year 12 Equivalent Qualification Holders

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

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

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

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

Degree Programme

≫ BSc (Hons)

Campus Location

≫ SIT@Dover

Eligibility[1]

≫ Relevant Polytechnic Diploma Holders

≫ Registered Nurse (SNB)

Career Opportunities

Graduates can pursue further career advancements in clinical practice, education and management, such as:

≫ Nurse Clinician

≫ Nurse Educator

≫ Nurse Manager

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

Curriculum Highlights

≫ Health Assessment and Clinical Reasoning

≫ Health Innovation and Informatics

≫ Principles and Practice of Population Health

≫ Health Systems: Singapore's Perspectives

≫ Managing Long Term Conditions in Communities

≫ Evidence-Based Practice

≫ Honours Thesis

≫ Six-week Clinical Practice Education

≫ Overseas Immersion Programme (OIP)

OCCUPATIONAL THERAPY

Degree Programme

≫ BSc (Hons)

Campus Location

≫ SIT@Dover

Eligibility[1]

≫ Relevant Polytechnic Diploma Holders

≫ A Level/IB Diploma/NUS High School Diploma Holders

≫ Other Year 12 Equivalent Qualification Holders

Career Opportunities

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

≫ Public and Private Hospitals

≫ Community Hospitals

≫ Intermediate and Long-Term Care Organisations including Nursing Homes and Rehabilitation Centres

≫ Private Practice

≫ Government Agencies

≫ Polyclinics

≫ Special Schools

≫ Preschools

The Occupational Therapy programme is a four-year, direct honours degree programme that is designed to provide an excellent educational experience in the theory and practice of occupational therapy. Upon successful completion of academic courses and clinical practice education, students will have the knowledge, skills and attitudes to support contemporary development and delivery of occupational therapy, in order to meet the evolving needs of Singapore's population. Through SIT's applied learning pedagogy, students will develop higher-order thinking and clinical reasoning skills. They will also gain critical appraisal and research skills and complete an honours thesis research project. The programme is accredited by the Allied Health Professions Council (AHPC), thus enabling graduates to practise as professional occupational therapists in Singapore.

Curriculum Highlights

≫ Occupational Therapy Intervention and Clinical Reasoning

≫ Application of Clinical and Social Psychology in Occupational Therapy

≫ Contemporary Occupational Therapy Practice with Older Adults

≫ Chronic Disease Management, Palliative Care and Occupational Performance

≫ Play, School and Transition

≫ Engineering and Technology for Healthcare Solutions

≫ Leadership and Management in Occupational Therapy

≫ 30-week Clinical Practice Education

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

PHYSIOTHERAPY

Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

Degree Programme
≫ BSc (Hons)

Campus Location
≫ SIT@Dover

Eligibility[1]
≫ Relevant Polytechnic Diploma Holders
≫ A Level/IB Diploma/NUS High School Diploma Holders
≫ Other Year 12 Equivalent Qualification Holders

Career Opportunities
Graduates can be employed as physiotherapists in a variety of settings, such as:
≫ Public and Private Hospitals
≫ Community Hospitals
≫ Intermediate and Long-Term Care Organisations including Nursing Homes and Rehabilitation Centres
≫ Private Practice
≫ Government Agencies
≫ Polyclinics
≫ Sports and Military Settings
≫ Special Schools

The SIT-Trinity College Dublin (TCD) Physiotherapy programme is a four-year, direct honours degree 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. Mid-career individuals with prior degree qualification in a science-related field may apply for the accelerated Physiotherapy programme under the Professional Conversion Programme (PCP)*. The programme is accredited by the Allied Health Professions Council (AHPC), thus enabling graduates to practise as physiotherapists in Singapore.

Curriculum Highlights
≫ Musculoskeletal Physiotherapy (Spine and Ergonomics)
≫ Cardiopulmonary Physiotherapy
≫ Neurological Physiotherapy
≫ Neurobiology
≫ Enhancing Human Performance by Exercise
≫ Physiotherapy Across Lifespan (Child and Maternal Health)
≫ Creative Thinking and Innovation in Healthcare
≫ 30-week Clinical Practice Education
≫ Overseas Immersion Programme (OIP)

*For more information, please visit SingaporeTech.edu.sg/undergraduate-programmes/physiotherapy

RADIATION THERAPY

Degree Programme
≫ BSc (Hons)

Campus Location
≫ SIT@Dover

Eligibility[1]
≫ Relevant Polytechnic Diploma Holders
≫ A Level/IB Diploma/NUS High School Diploma Holders
≫ Other Year 12 Equivalent Qualification Holders

Career Opportunities
Graduates can be employed as radiation therapists in a variety of settings such as:
≫ Radiation Therapy Centres in Public and Private Sectors

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

Curriculum Highlights
≫ Patient Care and Safety
≫ Cancer Pathology
≫ Radiation Oncology
≫ Radiobiology and Radiation Protection
≫ Principles of Radiation Therapy Practice
≫ Advances in Radiation Therapy
≫ 36-week Clinical Practice Education

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

SPEECH AND LANGUAGE THERAPY

Degree Programme
» BSc (Hons)

Campus Location
» SIT@Dover

Eligibility¹
» Relevant Polytechnic Diploma Holders
» A Level/IB Diploma/NUS High School Diploma Holders
» Other Year 12 Equivalent Qualification Holders

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

The first Speech and Language Therapy undergraduate degree programme in Singapore has been carefully developed with senior speech and language therapy practitioners across the local public healthcare, community care, social services, and private sectors. The four-year, direct honours degree programme serves to meet the national needs in preparing a new generation of highly-competent and market-ready speech and language therapists who will promote communication, feeding and swallowing health for people across the lifespan. The programme will seek accreditation from the Allied Health Professions Council (AHPC), thus enabling graduates to practise as professional speech and language therapists in Singapore.

Curriculum Highlights
» Pre-school Communication Disorders
» Cognitive Neuroscience for Speech and Language Therapists
» Dysphagia Management in Adults
» School-age Communication Disorders
» Voice Sciences and Disorders
» Paediatric Feeding and Swallowing Disorders
» 30-week Clinical Practice Education

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

DESIGN
AND SPECIALISED
BUSINESSES

My eight-month IWSP at PwC was really eye-opening as it gave me the opportunity to participate in the entire audit cycle of a firm. I was involved in the planning of an auditing exercise, where I had hands-on fieldwork and assisted in the preparation of the financial statements at the completion. The longer duration I had at PwC as compared to the other interns, also enabled my work supervisor to entrust me with more responsibilities, which provided me with deeper learning experiences.

Goh Pei Yun, Vanessa
Graduate (2019)
Accountancy

I enrolled into SIT as it provides theoretical knowledge through classroom learning and on-the-ground practicality through IWSP. I was very fortunate to perform my IWSP with Far East Hospitality Management in the Corporate Planning and Business Development team, where I had the privilege to work closely with the top management of the company. I had to manage key stakeholders and distil complex information into a non-technical and succinct manner which provided a good grounding for my current position as an analyst today.

Neo Hong Xuan
Graduate (2018)
Hospitality Business

Analyst
Development Planning & Feasibility, Asia Pacific
Marriott International, Inc.

Scan the QR code
to find out more.

Scan the QR code
to find out more.

ACCOUNTANCY

Degree Programme
≫ BAcc (Hons)

Campus Location
≫ SIT@Dover

Eligibility[1]
≫ Polytechnic Diploma Holders
≫ A Level/IB Diploma/NUS High School Diploma Holders
≫ Other Year 12 Equivalent Qualification Holders

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

The Accountancy programme is a three-year direct honours degree programme, which will hone students' critical and analytical skills and provide them with requisite knowledge for a professional accounting career. Students will go through rigorous academic training and immerse themselves in the accounting industry through an eight-month Integrated Work Study Programme (IWSP) with established accounting firms such as Baker Tilly, Deloitte, Ernst & Young, Grant Thornton, KPMG, PKF, PwC, and RSM. Students will be taught by faculty staff with extensive industry experience and also be exposed to vital information systems for data analytics and simulation skills. Students can also 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. SIT's unique curriculum also includes the Regional Exposure to Accounting Practices (REAP) programme, which will familiarise students with cultural, economic and social nuances in the Asia-Pacific region. The programme is accredited by the Singapore Accountancy Commission (SAC), Chartered Accountants Australia and New Zealand (CAANZ), Chartered Institute of Management Accountants (CIMA), Certified Practising Accountants Australia (CPAA) and the Institute of Chartered Accountants in England and Wales (ICAEW). The programme is also a member of the Chartered Financial Analyst (CFA) Institute University Affiliation Programme.

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

AIR TRANSPORT MANAGEMENT

Degree Programme
≫ BSc (Hons)

Campus Location
≫ SIT@RP Building

Eligibility[1]
≫ Polytechnic Diploma Holders
≫ A Level/IB Diploma/NUS High School Diploma Holders
≫ Other Year 12 Equivalent Qualification Holders

Career Opportunities
Graduates can look forward to careers in these areas:
≫ Airlines
≫ Airports
≫ Ground Handling Agencies
≫ Aviation Consultancy Firms
≫ Aviation Regulators

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

Curriculum Highlights
≫ Airline Operations and Management
≫ Airport Operations and Management
≫ Aviation Human Factors
≫ Revenue Analysis and Management
≫ Managerial Economics in Aviation
≫ Operations Research
≫ Airport Marketing
≫ Airline Network and Fleet Planning
≫ Eight-month Integrated Work Study Programme (IWSP)

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

DIGITAL COMMUNICATIONS AND INTEGRATED MEDIA

Degree Programme
- BSc (Hons)

Campus Location
- SIT@TP Building

Eligibility[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

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

The Digital Communications and Integrated Media programme prepares students for excellence in Communications, Media, and Information work across a range of industries, where graduates have the skills to be hired as managers and account executives. Graduates will be able to work in a wide variety of fields, leveraging on skills gained in three core areas — Digital Web Analytics, Integrated Media Management and Digital Media Production.

Curriculum Highlights
- Digital Innovations for Integrated Media
- Marketing Communications in the Digital World
- Producing 'Reality' — Documentary Production
- Social Media Analytics
- Strategic and Public Communications
- Eight-month Integrated Work Study Programme (IWSP)

FOOD BUSINESS MANAGEMENT
(BAKING AND PASTRY ARTS)

Degree Programme
- BBA

Campus Location
- Temasek Polytechnic

Eligibility[1]
- Polytechnic Diploma Holders
- A Level/IB Diploma/NUS High School Diploma Holders
- Other Year 12 Equivalent Qualification Holders

Career Opportunities
- Executive Pastry Chef
- Head Baker
- Entrepreneur
- Chocolatier
- Food Writer
- Caterer

Presented by the world leader in culinary education, this programme will provide students with an in-depth understanding of the baking and pastry world and valuable hands-on bakeshop experience. Expert pastry chefs and instructors will help undergraduates learn baking and cooking methods, gain leadership skills, and acquire valuable knowledge about the business that is relevant to a wide variety of food careers. Offering the same proven curriculum the college delivers at its United States campuses, the programme builds students' understanding and command of bread, cake, and pastry production, business skills, and the catering industry. It also covers advanced areas such as revenue management and marketing for catering and hospitality businesses, fully preparing students to become valued, forward-thinking professionals wherever they go in the food world.

Curriculum Highlights
- Café Menu Development
- Financial Accounting
- Nutrition
- Baking and Pastry Development
- Individual and Production Pastries
- Contemporary Hospitality and Service Management
- Confectionary Art
- Overseas Immersion Programme (OIP)

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

FOOD BUSINESS MANAGEMENT
(CULINARY ARTS)

Degree Programme
» BBA

Campus Location
» Temasek Polytechnic

Eligibility[1]
» Polytechnic Diploma Holders
» A Level/IB Diploma/NUS High School Diploma Holders
» Other Year 12 Equivalent Qualification Holders

Career Opportunities
» Executive Chef
» Restaurateur
» Hospitality and Service Manager
» Research and Development Specialist
» Food Writer/Critic
» Entrepreneur

Presented by the world leader in culinary education, this programme will provide students with an in-depth understanding of the food world and valuable hands-on kitchen experience. Expert chefs and instructors will help undergraduates learn cooking and baking methods, gain leadership skills, and acquire valuable knowledge about the business. Offering the same proven curriculum the college delivers at its United States campuses, the programme builds students' understanding and command of global product knowledge and cuisines, business skills, and the catering industry. It also covers advanced areas such as revenue management and marketing for catering and hospitality businesses, fully preparing students to become valued, forward-thinking professionals wherever they go in the food world.

Curriculum Highlights
» Menu Development
» Financial Accounting
» Nutrition
» Baking and Pastry Development
» Modern Banquet Cookery
» Contemporary Hospitality and Service Management
» Global Cuisines and Culture
» Overseas Immersion Programme (OIP)

HOSPITALITY BUSINESS

Degree Programme
» B (Hons)

Campus Location
» SIT@RP Building

Eligibility[1]
» Polytechnic Diploma Holders
» A Level/IB Diploma/NUS High School Diploma Holders
» Other Year 12 Equivalent Qualification Holders

Career Opportunities
Graduates can look forward to careers in these areas:
» Hotels
» Integrated Resorts
» MICE Companies
» Hotel Management Companies
» Tourism and Hospitality Consulting Firms
» Tourism Bureaus
» Airlines and Airports
» Tourist Attractions
» Food and Beverage Establishments

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

Curriculum Highlights
Students can expect a curriculum that combines theory and current industry practices against the backdrop of a Singapore-oriented context with industry specialisations in:
» Hotels and Integrated Resorts
» Meetings, Incentives, Conferences and Exhibitions (MICE) Industries

Further functional specialisations will allow students to pick up managerial skills in running and managing hospitality businesses, such as:
» Hospitality Sales and Marketing
» Hotel Real Estate and Investment

Students will also garner relevant work experience through:
» Four-month Industry Attachment (IA)
» Eight-month Integrated Work Study Programme (IWSP)

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

NOTES ....

CONTACT US

SINGAPORE INSTITUTE OF TECHNOLOGY
SIT@Dover, 10 Dover Drive, Singapore 138683
☎ +65 6592 1189 (Main Line)

STUDENT ADMISSION MATTERS
☎ +65 6592 1136
✉ Adm@SingaporeTech.edu.sg
   (Undergraduate Programmes)
✉ Adm.Postgrad@SingaporeTech.edu.sg
   (Postgraduate Programmes)

**FINANCIAL ASSISTANCE AND
SCHOLARSHIP MATTERS**
☎ +65 6592 1136
✉ FAS@SingaporeTech.edu.sg

CENTRE FOR CAREER READINESS
☎ +65 6592 8150
✉ CareerReadiness@SingaporeTech.edu.sg

DEGREE PROGRAMME-RELATED QUERIES
☎ +65 6592 2021
✉ AcdPrg@SingaporeTech.edu.sg

FINANCE, BILLINGS AND GIRO
☎ +65 6592 8149
✉ StudentFinance@SingaporeTech.edu.sg

REGISTRAR'S OFFICE
☎ +65 6592 2091
✉ Registrar@SingaporeTech.edu.sg

STUDENT LIFE MATTERS
☎ +65 6592 1191
✉ SLD@SingaporeTech.edu.sg

**APPLIED RESEARCH,
INNOVATION & ENTERPRISE**
☎ +65 6592 6917
✉ Innovate@SingaporeTech.edu.sg

GIVING TO SIT
☎ +65 6592 1138
☎ +65 6592 1094
✉ Advancement@SingaporeTech.edu.sg

LOCATE US

SIT@DOVER
10 Dover Drive, Singapore 138683

SIT@NP BUILDING
Ngee Ann Polytechnic
537 Clementi Road, Singapore 599493

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

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

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

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

OPERATING HOURS

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

SiT SINGAPORE INSTITUTE OF TECHNOLOGY