HEALTH AND SOCIAL SCIENCES 2019

COME JOIN THE DO CULTURE

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

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

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

AN AGEING SOCIETY
The number of older people, aged 65 years and above, will be doubled from 430,000 today to over 900,000 in 2030, or 20% of the population. One impact of an ageing society is the greater need for healthcare services and providers.

MEANINGFUL AND REWARDING INDUSTRY
Hospitals, polyclinics, specialist centres, intermediate and long-term care facilities, schools and social care sectors are some examples where graduates can find fulfilling, in-demand careers that impact the lives of individuals and communities.

PROGRAMMES TO MEET THE NEEDS OF SOCIETY
SIT offers entry-level honours degree programmes in Physiotherapy, Occupational Therapy, Diagnostic Radiography, Radiation Therapy and Dietetics, as well as a post-registration honours degree in Nursing. Co-created with clinical partners and stakeholders, the curriculum fosters interprofessional learning and adopts a global perspective where clinical practice education forms an integral part of the programme.

"Make a difference in people’s lives — Be a professional in the health and social sectors."

Professor Alan Wong
Cluster Director
Health and Social Sciences
Singapore Institute of Technology
As a registered nurse with work experience, I believe SIT will help to enhance my leadership and management skills. The emphasis on the development of critical, analytical and innovative skills through SIT’s applied learning approach, has given me renewed confidence to take on more challenges after graduation. My knowledge and skills gained would enable me to move forward in the nursing profession as a well-prepared leader.”

Lim Siew Hui, Joanne
Nursing, BSc (Hons)
Singapore Institute of Technology – University of Glasgow

Scan the QR code to find out more.
HEAR WHAT OUR STUDENTS SAY

"At SIT, I feel that I have already become part of the industry, even though it has just been my first year in university. We are privileged to be taught by lecturers who are veterans in the field – many of whom are still active practitioners, and the university has provided many opportunities to connect with mentors and seniors from the industry. My IWSP experience has been richly rewarding as it enabled me to immerse into my chosen area of interest while interacting with real patients. This has also allowed me to network with professionals in the field whom I can rely on for guidance and opportunities."

Ong Yong Jin
Diagnostic Radiography, BSc (Hons)
Singapore Institute of Technology

Scan the QR code to find out more.
HEARING WHAT THE INDUSTRY SAYS

SIT students are among the most motivated and qualified that I have come across – a combination which ensures we are provided with dedicated students who are eager to learn while simultaneously able to integrate into the workplace. SIT streamlines the clinical placement process, provides clear learning outcomes and works in collaboration with our hospital on the placement. All these contribute to a positive experience for our hospital, the students and the university.”

Ms Chee Thong Gan
Senior Director
Allied Health, Clinical and Community Operations
Jurong Health Campus
National University Health System Group

Our close relationship with SIT is very important as the university has demonstrated its commitment towards equipping future health professionals to tackle healthcare challenges and set new trends. The networking with SIT faculty provides us with an important sense of belonging to a community of like-minded professionals, so necessary for our growth. All in all, SIT has been, and we hope will continue to be, a very good friend.”

Mr Anjan Ghosh
Director
Sector Manpower and Organisation Development
National Council of Social Service

It has been a pleasure for us to work closely with SIT faculty and students. Through the clinical placements at our organisation, we find the students to be well-informed and prepared for a career in the healthcare sector. The dedication and commitment we see through the faculty members are also highly commendable as they come with a unique blend of academic credentials and work experience, coupled with an intrinsic motivation to see their students achieve their educational goals. The relationship we have with the university is invaluable to us and critical to our effort to hire the best who can assimilate in their future workplace.”

Mr Abhimanyau Pal
Executive Director
SPD

We look for critical thinking skills and leadership qualities in our nursing professionals. The SIT-UoG Nursing students, who have completed their clinical placements with us, have been highly engaged and committed. With their skill sets and right attitude, I believe they will raise the professionalism of nursing in Singapore.”

Ms Tan Soh Chin
Chief Nursing Officer
Ministry of Health

Tan Tock Seng Hospital’s collaborative relationship with SIT is a success story in many ways. We are delighted to receive enthusiastic SIT students who have embarked on their clinical attachments at the hospital. We hope to contribute to building future generations of healthcare professionals who are robust and relevant to the rapidly-changing landscape of the healthcare sector. The students have impressed us with their eagerness to learn and contribute to the healthcare sector.”

Ms Doreen Yeo Sai Ching
Chairperson
Allied Health Services and Pharmacy
Tan Tock Seng Hospital
Diagnostic radiography involves the use of sophisticated equipment and techniques to produce medical images of the human body. These images are typically used to diagnose and treat illnesses or injuries. Diagnostic radiographers are integral to healthcare teams. They use their professional training to deliver a patient-centred healthcare service. The equipment that radiographers use include X-ray, ultrasound, computed tomography (CT) and magnetic resonance imaging (MRI). Radiographers may also work in other more specialised settings such as fluoroscopy, mammography, nuclear medicine and interventional radiology. Radiographers are also actively involved in other areas of healthcare such as research, education and administration.

The Bachelor of Science with Honours in Diagnostic Radiography is a four-year, direct honours degree programme that prepares graduates for the role of a professional radiographer. As the only diagnostic radiography programme amongst the autonomous universities in Singapore, the curriculum is developed in close consultation with the radiography industry to ensure relevance and graduates’ employability. The programme will be seeking accreditation from the Allied Health Professions Council (AHPC), thus enabling graduates to practise as professional radiographers in Singapore.
The SIT Diagnostic Radiography programme focusses on applied learning and provides a high-quality, practice-oriented education in the following areas:

- **Health and Behavioural Sciences**
  Broad-based knowledge in health and behavioural sciences, including anatomy, physiology, patient care and safety, psychology, health systems, professionalism, interprofessional education and change management.

- **Radiological Science and Technology**
  Professional knowledge in radiological science and technology, including radiation physics, radiobiology, radiation protection, radiological anatomy, radiological informatics, medical imaging technology and processing.

- **Radiography Practice**
  Professional knowledge in different areas of radiography practice, including general radiography, fluoroscopy, angiography, CT, MRI, ultrasound, breast imaging, nuclear and hybrid imaging. This component also includes an undergraduate honours thesis that emphasises scientific enquiry and evidence-informed radiography practice.

### CURRICULUM STRUCTURE

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<td>- General Radiographic Practice 1</td>
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<td>- Clinical Radiography Practice 1 ^</td>
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^ Denotes Integrated Work Study Programme (IWSP)
## DIAGNOSTIC RADIOGRAPHY

### YEAR 2

| TRIMESTER 1 | Radiobiology and Radiation Protection  
General Radiographic Practice 2  
Healthcare and Radiological Informatics  
Clinical Radiography Practice 2<sup>^</sup> |
|-------------|------------------------------------------------------------------|
| TRIMESTER 2 | Research – Methods and Statistics  
Pathophysiology and Pharmacology  
Radiographic Practice in Specialised Settings  
Clinical Radiography Practice 3<sup>^</sup> |
| TRIMESTER 3 | Break |

### YEAR 3

| TRIMESTER 1 | Radiological and Cross-Sectional Anatomy  
CT and MRI  
Sonography and Mammography  
Principles of Specialised Imaging |
|-------------|----------------------------------------------------------------------------------|
| TRIMESTER 2 | Nuclear Medicine and Hybrid Imaging  
Fluoroscopic and Angiographic Practice  
Honours Thesis Proposal  
Clinical Practice in Medical Imaging 1<sup>^</sup> |
| TRIMESTER 3 | Clinical Practice in Medical Imaging 2<sup>^</sup>  
Honours Thesis  
Professionalism, Ethics and Legal Aspects of Healthcare |

<sup>^</sup> Denotes Integrated Work Study Programme (IWSP)
## DIAGNOSTIC RADIOGRAPHY

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<td>- Change Management</td>
<td>- Interprofessional and Professional Issues For Entry Into Practice</td>
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<td>- Honours Thesis</td>
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<td>- Clinical Practice in Medical Imaging 3(^\wedge)</td>
<td>- Clinical Practice in Medical Imaging (Consolidation)(^\wedge)</td>
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<tr>
<td>- Elective</td>
<td>- Elective</td>
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### CAREER OPPORTUNITIES

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

- Public and Private Hospitals
- Private Clinics
- Medical Centres

\(^\wedge\) Denotes Integrated Work Study Programme (IWSP)
Dietitians provide nutrition-focussed interventions and preventive services in clinical and community settings by applying scientific knowledge of food and human nutrition to maintain and promote the health of individuals and groups, and to manage various medical conditions. Dietitians also lead research in disease prevention and health promotion strategies to reduce mortality rates whilst improving overall quality of life.\(^{1,2}\)

The Bachelor of Science with Honours in Dietetics and Nutrition is a four-year degree programme that aims to address the growing demand for dietetics 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 aims to 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 chief dietitians from the major healthcare clusters in Singapore in order to provide students with up-to-date and relevant knowledge, as well as specialised skills in all domains of dietetic practice.

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Reference:
The Bachelor of Science with Honours in Dietetics and Nutrition degree programme is designed to produce theoretically-grounded, research-driven and clinically-competent graduates to practice autonomously in all domains of dietetics, in line with the international educational standards for professional dietetic practice. The curriculum is comparable to established overseas degree programmes in dietetics, but unique with regard to longer clinical practice education as well as customised to the Asian dietary context.

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<td>Anatomy and Physiology 1</td>
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<td>Health Systems – Singapore’s Perspectives</td>
<td>Research – Critical Appraisal of Literature</td>
<td>Nutrition Throughout the Lifespan</td>
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<td>Psychological and Sociological Perspectives for Health Sciences</td>
<td>Human Nutrition</td>
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<td>Biochemistry</td>
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<td>Research – Methods and Statistics</td>
<td>Pathophysiology and Pharmacology</td>
<td>Clinical Practice Education 1: Food Service Placement*</td>
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<td>Nutrition Assessment</td>
<td>Health Promotion and Population Health</td>
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<td>Nutrition, Health and Disease</td>
<td>Health Psychology</td>
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<td>Food Systems and Food Service Management</td>
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* Denotes Integrated Work Study Programme (IWSP)
## DIETETICS AND NUTRITION

| YEAR 3 | TRIMESTER 1 | Medical Nutrition Therapy I 
| Community and Public Health Nutrition 
| Clinical Effectiveness and Outcomes |
| YEAR 3 | TRIMESTER 2 | Medical Nutrition Therapy II 
| Professionalism, Ethics and Legal Aspects of Healthcare 
| Communication Skills and Nutritional Counselling 
| Honours Thesis |
| YEAR 3 | TRIMESTER 3 | Clinical Practice Education 2 – Community and Public Health 
| Clinical Practice Education 3 – Clinical Placement I 
| Honours Thesis |
| YEAR 4 | TRIMESTER 1 | Clinical Practice Education 4 – Clinical Placement II 
| Honours Thesis |
| YEAR 4 | TRIMESTER 2 | Health Systems – Global Perspectives 
| Interprofessional and Professional Issues For Entry Into Practice 
| Dietetics Leadership and Management 
| Honours Thesis |

^ Denotes Integrated Work Study Programme (IWSP)
Graduates can be employed as dietitians in a variety of settings, such as:

- Public and Private Hospitals
- Community Hospitals
- Private Practices
- Polyclinics
- Intermediate and Long-Term Care Organisations including Nursing Homes and Rehabilitation Centres
- Public and Private Hospitals
- Community Hospitals
- Private Practices
- Polyclinics
- Intermediate and Long-Term Care Organisations including Nursing Homes and Rehabilitation Centres
Occupational therapy involves assessment and intervention to work or school, self-care, leisure or play, physical environments, as well as cognitive, mental and physical components of function to enable individuals affected by physical injury or illness, developmental or learning disabilities, psychosocial dysfunctions or the ageing process, to engage in everyday life occupations in order to maximise independent performance of life roles, prevent disability and maintain health."

The Bachelor of Science with Honours in Occupational Therapy is a four-year degree programme designed to provide an excellent educational experience in the theory and practice of occupational therapy. The programme requires successful completion of academic courses and clinical practice education. It aims to equip graduates with the knowledge, skills and attitude to support the contemporary development and delivery of occupational therapy, meeting the evolving needs of Singapore’s population. Occupational therapy graduates who meet the requirements of the Allied Health Professions Council (AHPC) can practise in a wide variety of settings. SIT occupational therapy graduates will be reflective, self-directed and patient-centred practitioners.

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

A quality and up-to-date curriculum is ensured through consultations with the Industry Advisory Committee, occupational therapists in clinical settings, the Singapore Association of Occupational Therapists (SAOT), as well as accreditation and recognition processes through the AHPC and the World Federation of Occupational Therapists (WFOT).

The modules employ a variety of pedagogy such as experiential learning, blended learning and team-based learning. Students’ higher-order thinking abilities and clinical reasoning skills are assessed through group projects and simulated clinical scenarios.

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<td>Anatomy and Physiology 2</td>
<td>Clinical Practice Education 1&lt;sup&gt;^&lt;/sup&gt;</td>
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<td>Occupational Performance Across Lifespan</td>
<td>Neuroscience for Occupational Therapists</td>
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<td>Occupational Therapy Theory and Study of Occupation</td>
<td>Occupational Therapy Process and Skills</td>
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<td>Psychological and Sociological Perspectives for Health Sciences</td>
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<td>Clinical Practice Education 1&lt;sup&gt;^&lt;/sup&gt;</td>
<td>Professional Development and Handling Skills</td>
<td>Clinical Practice Education 2&lt;sup&gt;^&lt;/sup&gt;</td>
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<td>Neuroscience for Occupational Therapists</td>
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<td>Leisure and Community Participation</td>
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<sup>^</sup> Denotes Integrated Work Study Programme (IWSP)
# OCCUPATIONAL THERAPY

### YEAR 3

| TRIMESTER 1 | Chronic Disease Management, Palliative Care and Occupational Performance  
Contemporary Occupational Therapy Practice with Older Adults  
Honours Thesis (Proposal)  
Occupational Therapy: Complex Case Management  
Play, School and Transition |
|---|---|
| TRIMESTER 2 | Clinical Practice Education 3a  
Healthcare Design Thinking (OT)  
Change Management  
Honours Thesis |
| TRIMESTER 3 | Clinical Practice Education 3b  
Engineering and Technology for Healthcare Solutions  
Honours Thesis  
Linking Theory, Evidence and Practice  
Professionalism, Ethics and Legal Aspects of Healthcare |

### YEAR 4

| TRIMESTER 1 | Clinical Practice Education 4  
Critical Appraisal of OT Practice  
Honours Thesis |
|---|---|
| TRIMESTER 2 | Health Systems – Global Perspectives  
Honours Thesis  
Interprofessional and Professional Issues for Entry into Practice  
Occupational Justice and Disabilities Studies  
Leadership and Management in Occupational Therapy  
Occupational Therapy: Advanced Theory and Practice |

^ Denotes Integrated Work Study Programme (IWSP)
Graduates can be employed as occupational therapists in a variety of settings, such as:

- Public and Private Hospitals
- Community Hospitals
- Intermediate and Long-Term Care Organisations including Nursing Homes and Rehabilitation Centres
- Private Practices
- Government Agencies
- Polyclinics
- Special Schools
- Preschools
- Community Hospitals
- Government Agencies
- Polyclinics
- Public and Private Hospitals
- Community Hospitals
- Intermediate and Long-Term Care Organisations including Nursing Homes and Rehabilitation Centres
- Private Practices
- Government Agencies
- Polyclinics
- Special Schools
- Preschools
Radiation therapy involves the use of sophisticated equipment and techniques to deliver radiation precisely and accurately to patients, mainly for the treatment of cancer. Radiation therapists are important members of radiation oncology teams. They operate sophisticated computerised equipment used to plan and deliver the prescribed radiation dose to patients. Radiation therapists also educate patients about the relevant procedures and potential side effects of radiation. Radiation therapists, working together with the other members of the oncology team, endeavour to deliver the best therapeutic results with minimum side effects to patients, whilst providing ongoing support and care. Besides caring for patients, radiation therapists are also actively involved in other areas of healthcare such as research, education and administration.

Radiation therapy is a valued profession in many countries, including Singapore. The Bachelor of Science with Honours in Radiation Therapy is a four-year, direct honours degree programme that prepares graduates for the role of a professional radiation therapist. As the only radiation therapy programme amongst the autonomous universities in Singapore, the curriculum is developed in close consultation with the radiation therapy industry to ensure relevance and graduates’ employability. The programme will be seeking accreditation from the Allied Health Professions Council (AHPC), enabling graduates to practise as professional radiation therapists in Singapore.

PROGRAMME INFORMATION

DEGREE PROGRAMME
- BSc (Hons)

CAMPUS LOCATION
- SIT@Dover

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

FEATURES
- 36-week Clinical Practice Education [Integrated Work Study Programme (IWSP)]

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

PROGRAMME HIGHLIGHTS

- Applied Learning and Practice-Oriented
- Clinically Relevant and Evidence-Based Curriculum
- Interprofessional Learning Environment
The SIT Radiation Therapy programme focusses on applied learning and provides a high-quality, practice-oriented education in the following areas:

- **Health and Behavioural Sciences**
  Broad-based knowledge in health and behavioural sciences, including anatomy, physiology, patient care and safety, psychology, health systems, professionalism, interprofessional education and change management.

- **Oncological and Radiological Science and Technology**
  Professional knowledge in science and technology associated with cancer treatment, including cancer biology, radiation oncology, radiation physics, radiobiology, radiation protection, radiological anatomy, dosimetry medical imaging technology and radiation therapy technology.

- **Radiation Therapy Practice**
  Professional knowledge in different areas of radiation therapy practice, including radiation therapy treatment planning, simulation, delivery and post-treatment care for various body regions and systems. This component also includes an honours thesis that emphasises scientific enquiry and evidence-informed radiation therapy practice.

### TRIMESTER 1
- Anatomy and Physiology 1
- Health Systems – Singapore’s Perspectives
- Psychological and Sociological Perspectives for Health Sciences
- Patient Care and Safety

### TRIMESTER 2
- Anatomy and Physiology 2
- Research – Critical Appraisal of Literature
- Radiation Physics and Dosimetry
- Principles of Radiographic Practice

### TRIMESTER 3
- Principles of Radiation Therapy Practice
- Radiation Therapy Clinical Practice 1

^ Denotes Integrated Work Study Programme (IWSP)
## RADIATION THERAPY

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| 2    | Radiobiology and Radiation Protection  
Cancer Pathology  
Radiation Therapy Physics  
Radiation Oncology (Breast, Genitourinary and Gynaecological) | Pathophysiology and Pharmacology  
Principles of Radiation Therapy Practice (Breast, Genitourinary and Gynaecological)  
Research – Methods and Statistics  
Radiation Therapy Clinical Practice 2^ | Break |
| 3    | Radiological and Cross-Sectional Anatomy  
Principles of Radiation Therapy Practice (Respiratory, Endocrine and CNS)  
Radiation Oncology (Respiratory, Endocrine and CNS)  
Radiation Therapy Clinical Practice 3^ | Principles of Radiation Therapy Practice 
(Head and Neck, Paediatric and Lymphomas)  
Radiation Oncology (Head and Neck, Paediatric and Lymphomas)  
Honours Thesis  
Radiation Therapy Clinical Practice 4^ | Change Management  
Honours Thesis  
Elective |

^ Denotes Integrated Work Study Programme (IWSP)
## Year 4

### Trimester 1
- Principles of Radiation Therapy Practice (Systemic Diseases and Oncologic Emergencies)
- Radiation Oncology (Systemic Diseases and Oncologic Emergencies)
- Honours Thesis
- Radiation Therapy Clinical Practice 5

### Trimester 2
- Professionalism, Ethics and Legal Aspects of Healthcare
- Health System – Global Perspectives
- Interprofessional and Professional Issues for Entry into Practice
- Advances in Radiation Therapy
- Honours Thesis

## Career Opportunities

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

- Radiation Therapy Centres in Public and Private Sectors

^ Denotes Integrated Work Study Programme (IWSP)
Physiotherapy involves the assessment, treatment, rehabilitation and prevention of pain, injury, or any other physical dysfunctions through the use of education, exercise, manual therapy, electro-physical agents, technology or any other treatment for those purposes. 

The Honours Degree in Bachelor of Science in Physiotherapy is a four-year programme jointly developed by SIT and Trinity College Dublin (TCD). The programme aims to groom 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. In addition, the curriculum is developed in consultation with clinical partners to ensure relevance of the skill sets and employability of the students upon graduation.

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

For students to be awarded the Honours Degree in Bachelor of Science in Physiotherapy, they need to successfully complete seven trimesters of study, 30 weeks of clinical practice education during their Integrated Work Study Programme (IWSP) and an individual honours thesis. In addition, students will need to complete a compulsory Overseas Immersion Programme (OIP) for two weeks at Trinity College Dublin.

### CURRICULUM STRUCTURE

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## Physiotherapy

### Year 3

| Trimester 1 | Courses offered:  
|-------------|------------------|
|             | Advanced Topics in Neurological Physiotherapy  
|             | Clinical Exercise Prescription  
|             | Physiotherapy Across Lifespan (Child and Maternal Health)  
|             | Scientific Writing and Investigation  
|             | Critical Care Physiotherapy  
|             | Clinical Reasoning for the Patient with Complex Health Issues  

| Trimester 2 | Courses offered:  
|-------------|------------------|
|             | Clinical Practice Education Year Three  
|             | Creative Thinking and Innovation in Healthcare  
|             | Honours Thesis Preparation  
|             | Physiotherapy Across Lifespan (Older Adults)  
|             | Professionalism, Ethics and Legal Aspects of Healthcare  

| Trimester 3 | Courses offered:  
|-------------|------------------|
|             | Clinical Practice Education Year Three  
|             | Honours Thesis  

### Year 4

| Trimester 1 | Courses offered:  
|-------------|------------------|
|             | Clinical Practice Education Year Four  
|             | Honours Thesis  

| Trimester 2 | Courses offered:  
|-------------|------------------|
|             | One Elective Module  
|             | Health Systems – Global Perspectives  
|             | Honours Thesis  
|             | Professional and Interprofessional Education  

### Career Opportunities

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

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

^ Denotes Integrated Work Study Programme (IWSP)
The Bachelor of Science with Honours in Nursing is a two-year post-registration programme jointly offered by SIT and the University of Glasgow (UofG). The nursing programme has been co-created and designed with inputs from practice partners in Singapore’s healthcare system across the care continuum, education partners and the Ministry of Health. The nursing programme has received accreditation from the Singapore Nursing Board (SNB).

Building on the foundation that students have established during their nursing diploma studies, this programme will develop students’ critical, analytical and innovative skills, as well as their leadership, research, teaching and clinical competencies. With joint expertise from the Nursing and Health Care School at UofG, which boasts a world-renowned reputation for nursing education and patient-focused research, graduates will be able to translate new nursing knowledge into practice. Established in 1978, the Nursing and Health Care School at UofG is ranked top in the United Kingdom.

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

PROGRAMME HIGHLIGHTS

- Innovative Teaching and Learning Pedagogical Approaches including Overseas Immersion Programme (OIP) in Glasgow, UK
- Leadership Role Development in Clinical Practice, Education, and Innovation and Management, through Module-Focussed Clinical Placements
- Strong Emphasis on Collaboration with Industry and Community Partners to Facilitate a Responsive and Resilient Singapore Healthcare System
The SIT-UofG Nursing programme has a range of modules designed to equip students with relevant knowledge and skills that will help them meet the healthcare challenges of Singapore, prepare them for leadership roles, and to take the nursing profession forward.

**CURRICULUM STRUCTURE**

**TRIMESTER 1**
- Healthcare Ethics and Law
- Development in Nursing Practice
- Health Assessment and Clinical Reasoning
- Health Systems: Singapore’s Perspectives

**TRIMESTER 2**
- Qualitative Research
- Quantitative Research Methods and Statistical Appraisal
- Evidence Based Practice
- Health Innovation and Informatics

**TRIMESTER 3**
- Population Health
- Health and Social Policy
- Intermediate and Long Term Care
- Overseas Immersion Programme (OIP)

**YEAR 2**

**TRIMESTER 1**
- Teaching and Learning
- Leadership and Change Management
- Honours Thesis

**TRIMESTER 2**
- Honours Thesis
- Integrated Work Study Programme (Clinical Placements)

**CAREER OPPORTUNITIES**

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

- Nurse Clinician
- Nurse Educator
- Nurse Manager

^ Includes two weeks of clinical placement in Singapore
* Four weeks in Glasgow, Scotland (UK)
# This module aims to develop graduates who are reflective practitioners
The members of the Industry Advisory Committee for the Diagnostic Radiography, Dietetics and Nutrition, Nursing, Occupational Therapy, Physiotherapy and Radiation Therapy programmes are:

Ms Susan NIAM (Chairperson)
Chief Allied Health Officer
Ministry of Health

Ms CHEE Thong Gan
Senior Director
Allied Health, Clinical Operations and Community Operations
JurongHealth Campus

Mrs Magdalin CHEONG
Head and Deputy Director
Dietetic and Food Services
Changi General Hospital

Dr Effie CHEW
Senior Consultant
Rehabilitation Medicine
National University Health Systems

Mr Anjan GHOSH
Director
Sector Manpower
National Council of Social Service

Dr Tyrone GOH
Executive Director
National Healthcare Group Diagnostics

Assoc Prof LIM Swee Hia
Senior Director
Alice Lee Institute of Advanced Nursing
SingHealth

Mr Abhimanyau PAL
Executive Director
SPD

Prof Celia TAN
Group Director
Allied Health
SingHealth

Ms TAN Soh Chin
Chief Nursing Officer
Ministry of Health

Dr Sherry YOUNG
Senior Consultant
Department of Rehabilitation Medicine
Changi General Hospital
ADMISSION REQUIREMENTS

SIT adopts an aptitude-based approach in assessing applicants for admission by considering the following criteria:

### MEETING THE MINIMUM ACADEMIC REQUIREMENTS*
- Full-time Diploma from any local polytechnic
- GCE A Level
- International Baccalaureate Diploma (IB)
- NUS High School Diploma
- Other International Qualifications

### PASSION

A personal interest in the field of study.

### PERSONAL QUALITIES

- Relevant work experience/ internships
- Co-curricula interests

### RELEVANT WORK EXPERIENCE/ INTERNSHIPS

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

### CO-CURRICULA INTERESTS

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

<table>
<thead>
<tr>
<th>QUALIFICATIONS</th>
<th>Diagnostic Radiography, BSc (Hons)</th>
<th>Radiation Therapy, BSc (Hons)</th>
<th>Physiotherapy, BSc (Hons) (SIT-TCD Joint Degree)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL-TIME DIPLOMA FROM ANY LOCAL POLYTECHNIC</td>
<td>Applicants will be assessed for admissions based on an aptitude-based approach and if they meet the following criteria:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>► Completed a relevant Science/Engineering/IT-related full-time local polytechnic Diploma* and/or</td>
<td>► Completed a relevant Science-related full-time local polytechnic Diploma* and/or</td>
<td></td>
</tr>
<tr>
<td></td>
<td>► Acquired relevant full-time work experience of one to two years</td>
<td>► Acquired relevant full-time work experience of one to two years</td>
<td></td>
</tr>
<tr>
<td>GCE A LEVEL</td>
<td>Offered General Paper (GP) or Knowledge &amp; Inquiry (KI) in the same sitting while satisfying the Mother Tongue (MTL) requirements.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>► A good pass in two H2 subjects (Biology, Chemistry, Physics and Mathematics)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INTERNATIONAL BACCALAUREATE DIPLOMA (IB)</td>
<td>Obtained the IB Diploma while satisfying the Mother Tongue (MTL) requirements.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>► A good pass in two HL subjects (Biology, Chemistry, Physics and Mathematics)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUS HIGH SCHOOL DIPLOMA</td>
<td>Obtained the NUS High School Diploma while satisfying the Mother Tongue (MTL) requirements.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>► A good pass in two subjects (Biology, Chemistry, Physics and Mathematics)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OTHER INTERNATIONAL QUALIFICATIONS</td>
<td>Completed at least 12 years of formal education deemed as acceptable, equivalent qualifications to be considered for admission.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Please refer to SingaporeTech.edu.sg for the detailed list of relevant diplomas. Diplomas that are not listed and module exemptions may be considered on a case-by-case basis.
# ADMISSION REQUIREMENTS

## QUALIFICATIONS

<table>
<thead>
<tr>
<th>FULL-TIME DIPLOMA FROM ANY LOCAL POLYTECHNIC</th>
<th>Dietetics and Nutrition, BSc (Hons)</th>
<th>Occupational Therapy, BSc (Hons)</th>
<th>Nursing, BSc (Hons) (SIT-UofG Joint Degree)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicants will be assessed for admissions based on an aptitude-based approach and if they meet the following criteria:</td>
<td>Completed a relevant Science-related full-time local polytechnic Diploma*</td>
<td>Completed a relevant Science-related full-time local polytechnic Diploma* and/or</td>
<td>Be qualified as a Registered Nurse</td>
</tr>
<tr>
<td></td>
<td>Acquired relevant full-time work experience of one to two years</td>
<td></td>
<td>Hold current registration with the Singapore Nursing Board (SNB)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Completed a SNB accredited Diploma in Nursing programme in Singapore. Only these two diplomas are accredited:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Nanyang Polytechnic: Diploma in Nursing</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Ngee Ann Polytechnic: Diploma in Health Sciences (Nursing)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Module exemptions will be considered on a case-by-case basis</td>
</tr>
</tbody>
</table>

## GCE A LEVEL

| Offered General Paper (GP) or Knowledge & Inquiry (KI) in the same sitting while satisfying the Mother Tongue (MTL) requirements. | A good pass in two H2 subjects (Biology, Chemistry, Physics or Mathematics), one of which has to be Chemistry | A good pass in two H2 subjects, one of which has to be Biology, Chemistry, Physics or Mathematics |

## INTERNATIONAL BACCALAUREATE DIPLOMA (IB)

| Obtained the IB Diploma while satisfying the Mother Tongue (MTL) requirements. | A good pass in two HL subjects (Biology, Chemistry, Physics or Mathematics), one of which has to be Chemistry | A good pass in two HL subjects, one of which has to be Biology, Chemistry, Physics or Mathematics |

## NUS HIGH SCHOOL DIPLOMA

| Obtained the NUS High School Diploma while satisfying the Mother Tongue (MTL) requirements. | A good pass in two subjects (Biology, Chemistry, Physics or Mathematics), one of which has to be Chemistry | A good pass in two subjects, one of which has to be Biology, Chemistry, Physics or Mathematics |

## OTHER INTERNATIONAL QUALIFICATIONS

| Completed at least 12 years of formal education deemed as acceptable, equivalent qualifications to be considered for admission. |

* Please refer to SingaporeTech.edu.sg for the detailed list of relevant diplomas. Diplomas that are not listed and module exemptions may be considered on a case-by-case basis.

Applicants to the five Health Sciences Programmes (Diagnostic Radiography, Dietetics and Nutrition, Occupational Therapy, Physiotherapy and Radiation Therapy) are also required to fulfil one of the following English requirements by application closing:

<table>
<thead>
<tr>
<th>QUALIFICATIONS</th>
<th>ENGLISH SUBJECT</th>
<th>MINIMUM GRADE REQUIRED</th>
</tr>
</thead>
<tbody>
<tr>
<td>GCE O LEVEL</td>
<td>English as First Language</td>
<td>C5</td>
</tr>
<tr>
<td>IELTS (ACADEMIC)</td>
<td>IELTS</td>
<td>7.0 (For All Components)</td>
</tr>
<tr>
<td>POLYTECHNIC FOUNDATION PROGRAMME (PFP)</td>
<td>English Modules</td>
<td>C+</td>
</tr>
<tr>
<td>GCE A LEVEL</td>
<td>General Paper/Knowledge &amp; Inquiry</td>
<td>D</td>
</tr>
<tr>
<td>INTERNATIONAL BACCALAUREATE (IB)</td>
<td>SL ‘English A: Language &amp; Literature’ or SL ‘Literature &amp; Performance’</td>
<td>4</td>
</tr>
<tr>
<td>NUS HIGH SCHOOL DIPLOMA</td>
<td>EL4101 or higher (EL5101, 6103) modules</td>
<td>C+</td>
</tr>
</tbody>
</table>

Applicants to all Health Sciences Programmes (Diagnostic Radiography, Dietetics and Nutrition, Nursing, Occupational Therapy, Physiotherapy and Radiation Therapy), are required to undergo a pre-enrolment medical examination prior to the commencement of their studies at SIT and should be certified physically and mentally fit for the programme by the examining medical doctor. Please refer to the Mandatory Medical Clearance here - https://www.singaporetech.edu.sg/applying-to-SIT/health-requirements.

For up-to-date information, please refer to SingaporeTech.edu.sg.
OTHER PROGRAMMES OFFERED UNDER HEALTH AND SOCIAL SCIENCES

DIAGNOSTIC RADIOGRAPHY

**DEGREE PROGRAMME**
- BSc

**CAMPUS LOCATION**
- SIT@Dover

**ELIGIBILITY**
- Relevant Polytechnic Diploma Holders

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

OCCUPATIONAL THERAPY

**DEGREE PROGRAMME**
- BSc

**CAMPUS LOCATION**
- SIT@Dover

**ELIGIBILITY**
- Relevant Polytechnic Diploma Holders

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

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1 Visit SingaporeTech.edu.sg for the list of relevant qualifications.
OTHER PROGRAMMES OFFERED UNDER HEALTH AND SOCIAL SCIENCES

PHYSIOTHERAPY

DEGREE PROGRAMME
- BSc

CAMPUS LOCATION
- SIT@Dover

ELIGIBILITY
- Relevant Polytechnic Diploma Holders

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

CRIMINOLOGY AND SECURITY

DEGREE PROGRAMME
- BA (Hons)

CAMPUS LOCATION
- SIT@TP Building

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

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

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

1 Visit SingaporeTech.edu.sg for the list of relevant qualifications.
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SIT@SP BUILDING
Singapore Polytechnic
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SIT@TP BUILDING
Temasek Polytechnic
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OPERATING HOURS
Mondays to Fridays: 11:00 am to 3:00 pm
Closed on Saturdays, Sundays and Public Holidays

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