HEALTH AND SOCIAL SCIENCES 2020

COME JOIN THE DO CULTURE

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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

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

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.

SIT offers entry-level honours degree programmes in Physiotherapy, Occupational Therapy, Diagnostic Radiography, Radiation Therapy, Speech and Language Therapy, Dietetics and Nutrition, 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.
When I enrolled into SIT, I was pleasantly surprised by how inclusive and supportive the university culture is. My peers are always so willing to encourage and help one another out during the learning process. This made stressful periods, such as exam preparations, much more bearable. During a service-learning visit to a nursing home, I had the opportunity to perform some of the skills learnt in Kinesiology to assess the patients. It was a humbling experience that allowed me to apply what I had learnt to real life situations, and at the same time, reminded me why I chose to enter this field.

Chua Wan Qing, Tammy
Year Two
Physiotherapy
I always look forward to the practical classes in school. In a wheelchair skills class, I had to emulate a wheelchair user by navigating through ramps and kerbs in campus as I had to order food, use the lift and toilet, and withdraw money from an ATM. Here, I have been cognitively and physically challenged in a meaningful way as I discover more about Occupational Therapy and what it entails. I am drawn to the profession and the position it places me to give hope and make a difference in the lives of other people.

Ho Jia Li, Barnabas
Year Three
Occupational Therapy
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
JurongHealth Campus

It has been a pleasure for us to work closely with SIT faculty and students. Through their 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 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-UofG Nursing students, who have completed their clinical placements with us, were highly engaging and committed. With their skillsets and right attitude, I believe they will raise the professionalism of nursing in Singapore.

Ms Tan Soh Chin
Chief Nursing Officer
Ministry of Health

Our close relationship with SIT is very important as the university has demonstrated its commitment towards equipping future healthcare 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, which is necessary for our growth. All in all, SIT has been, and we hope will continue to be, a very good friend.

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

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 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 Diagnostic Radiography programme 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 is accredited by the Allied Health Professions Council (AHPC), thus enabling graduates to practise as professional radiographers in Singapore.
The SIT Diagnostic Radiography programme focuses 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.

^ Denotes Integrated Work Study Programme (IWSP).
DIAGNOSTIC RADIOGRAPHY

YEAR
02

| TRIMESTER 1 | Radiobiology and Radiation Protection  
|            | General Radiographic Practice 2  
|            | Healthcare and Radiological Informatics  
|            | Clinical Radiography Practice 2^ |

| TRIMESTER 2 | Research — Methods and Statistics  
|            | Pathophysiology and Pharmacology  
|            | Radiographic Practice in Specialised Settings  
|            | Clinical Radiography Practice 3^ |

| TRIMESTER 3 | Break |

YEAR
03

| 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  
|            | Radiography Clinical Reasoning  
|            | Clinical Practice in Medical Imaging 1^ |

| TRIMESTER 3 | Clinical Practice in Medical Imaging 2^  
|            | Honours Thesis  
|            | Professionalism, Ethics and Legal Aspects of Healthcare |

^ Denotes Integrated Work Study Programme (IWSP).
![Diagnostic Radiography](image)

## Year 04

**Trimester 1**
- Image Interpretation
- Change Management
- Honours Thesis
- Clinical Practice in Medical Imaging 3
- Elective module

**Trimester 2**
- Honours Thesis
- Clinical Practice in Medical Imaging (Consolidation)
- Elective module
- Professionalism, Ethics and Global Health — An IPE Approach

* Denotes Integrated Work Study Programme (IWSP).

### Career Opportunities

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

- **Public and Private Hospitals**
- **Private Clinics**
- **Medical Centres**
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.\textsuperscript{1,2}

The Dietetics and Nutrition programme is a four-year, direct honours 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.

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.

**YEAR 01**

**TRIMESTER 1**
- Anatomy and Physiology 1
- Health Systems — Singapore’s Perspectives
- Psychological and Sociological Perspectives for Health Sciences
- Biochemistry

**TRIMESTER 2**
- Anatomy and Physiology 2
- Research — Critical Appraisal of Literature
- Human Nutrition
- Individual and Environmental Influences on Eating Behaviours

**TRIMESTER 3**
- Food Science
- Nutrition Throughout the Lifespan
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<th>TRIMESTER 3</th>
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<td>Pathophysiology and Pharmacology</td>
<td>Clinical Practice Education 1: Food Service Placement*</td>
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<td>Nutrition, Health and Disease</td>
<td>Health Psychology</td>
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<td>Health Promotion and Population Health</td>
<td>Food Systems and Food Service Management</td>
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<td>Research — Methods and Statistics</td>
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<td>03</td>
<td>Medical Nutrition Therapy 1</td>
<td>Medical Nutrition Therapy 2</td>
<td>Clinical Practice Education 2 — Community and Public Health*</td>
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<td>Community and Public Health Nutrition</td>
<td>Communication Skills and Nutrition Counselling in Different Populations</td>
<td>Clinical Practice Education 3 — Clinical Placement 1*</td>
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<td>Clinical Effectiveness and Outcomes</td>
<td>Honours Thesis Preparation</td>
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* Denotes Integrated Work Study Programme (IWSP).
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 SIT and University of Glasgow (UofG) joint degree in Nursing is a two-year post-registration honours programme jointly developed 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-focussed 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.

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.

YEAR 01
- 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
  - Principles and Practice of Population Health
  - Health and Social Policy
  - Managing Long Term Conditions in Communities

YEAR 02
- TRIMESTER 1
  - Teaching and Learning
  - Leadership and Change Management
  - Honours Thesis

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

* Includes two weeks of clinical placement in Singapore.
* Conducted during the Overseas Immersion Programme (OIP) in Glasgow, Scotland (UK).
* This module aims to develop graduates who are reflective practitioners.
CAREER OPPORTUNITIES

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

» Nurse Clinician

» Nurse Educator

» Nurse Manager
PROGRAMME INFORMATION

Degree Programme
» BSc (Hons)

Campus Location
» SIT@Dover

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

Features
» 30-week Clinical Practice Education [Integrated Work Study Programme (IWSP)]

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

OCCUPATIONAL THERAPY

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 Occupational Therapy programme is a four-year, direct honours 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. The programme is accredited by the Allied Health Professions Council (AHPC), thus enabling graduates to practise as professional occupational therapists in Singapore.

PROGRAMME HIGHLIGHTS

- TECHNOLOGY AND HEALTHCARE
- APPLIED LEARNING AND PRACTICE-ORIENTED
- SERVICE LEARNING
- INDUSTRY-FOCUSED CARE
- INTERPROFESSIONAL EDUCATION
- EVIDENCE-BASED MINDSET

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.

**OCCUPATIONAL THERAPY**

**CURRICULUM STRUCTURE**

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.

**YEAR**

**TRIMESTER**

**01**

- Anatomy and Physiology 1
- Health Systems — Singapore’s Perspectives
- Occupational Therapy Theory and Study of Occupation
- Psychological and Sociological Perspectives for Health Sciences

**TRIMESTER**

**02**

- Anatomy and Physiology 2
- Occupational Performance Across Lifespan
- Occupational Therapy Process and Skills
- Research — Critical Appraisal of Literature

**TRIMESTER**

**03**

- Clinical Practice Education 1^*^  
- Neuroscience for Occupational Therapists
- Leisure and Community Participation

* Denotes Integrated Work Study Programme (IWSP).
## OCCUPATIONAL THERAPY

### YEAR 02

#### TRIMESTER 1
- Application of Clinical and Social Psychology in Occupational Therapy
- Daily Living Skills
- Occupational Therapy Intervention and Clinical Reasoning

#### TRIMESTER 2
- Professional Development and Handling Skills
- Research — Methods and Statistics
- Work and Productivity
- Occupational Therapy Group Interventions

#### TRIMESTER 3
- Clinical Practice Education 2<sup>^</sup>

### YEAR 03

#### 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<sup>^</sup>
- Healthcare Design Thinking (OT)
- Change Management
- Honours Thesis

#### TRIMESTER 3
- Clinical Practice Education 3b<sup>^</sup>
- Engineering and Technology for Healthcare Solutions
- Honours Thesis

<sup>^</sup> Denotes Integrated Work Study Programme (IWSP).
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
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.¹

The Physiotherapy programme is a four-year, direct honours degree programme that is 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 skillsets and employability of the students upon graduation.

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).¹

The programme is accredited by the Allied Health Professions Council (AHPC), thus enabling graduates to practise as professional physiotherapists in Singapore.

¹For more information, please visit https://www.singaporetech.edu.sg/undergraduate-programmes/physiotherapy.
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.

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<td>Anatomy and Physiology 1</td>
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<td>Health Systems — Singapore’s Perspectives</td>
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<td>Physics in Biology and Medicine</td>
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<td>Psychological and Sociological Perspectives for Health Sciences</td>
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<td>02</td>
<td>Cardiopulmonary Physiotherapy</td>
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<td>Health Promotion and Population Health</td>
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<td>Musculoskeletal Physiotherapy (Spine and Ergonomics)</td>
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<td>Neurobiology</td>
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<td>Research — Methods and Statistics</td>
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<td>Cardiopulmonary Rehabilitation</td>
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<td>Chronic Disease and Rehabilitation</td>
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<td>Enhancing Human Performance by Exercise</td>
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<td></td>
<td>Neurological Physiotherapy 1</td>
<td>...</td>
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<td></td>
<td>Pathophysiology and Pharmacology</td>
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<td>Creative Thinking and Innovation in Healthcare*</td>
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*Conducted during the Overseas Immersion Programme (OIP).
Graduates can be employed as physiotherapists in a variety of settings, such as:

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

* Denotes Integrated Work Study Programme (IWSP).
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 Radiation Therapy programme 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 offered by an autonomous university 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) to enable graduates to practise as professional radiation therapists in Singapore.
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.

**YEAR 01**

- **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).
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<tr>
<th>YEAR</th>
<th>TRIMESTER</th>
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| 02   | 1         | - Radiobiology and Radiation Protection  
- Cancer Pathology  
- Radiation Therapy Physics  
- Radiation Oncology (Breast, Genitourinary and Gynaecological) |
|      | 2         | - Pathophysiology and Pharmacology  
- Principles of Radiation Therapy Practice (Breast, Genitourinary and Gynaecological)  
- Research — Methods and Statistics  
- Radiation Therapy Clinical Practice 2^ |
|      | 3         | - Break |
| 03   | 1         | - Radiological and Cross-Sectional Anatomy  
- Principles of Radiation Therapy Practice (Respiratory, Endocrine and CNS)  
- Radiation Oncology (Respiratory, Endocrine and CNS) Radiation  
- Radiation Therapy Clinical Practice 3^  
- CT and MRI |
|      | 2         | - Principles of Radiation Therapy Practice (Head and Neck, Paediatric and Lymphomas)  
- Radiation Oncology (Head and Neck, Paediatric and Lymphomas)  
- Honours Thesis Proposal  
- Radiation Therapy Clinical Practice 4^ |
|      | 3         | - Honours Thesis  
- Elective Module |

^ Denotes Integrated Work Study Programme (IWSP).
### CAREER OPPORTUNITIES

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

- **Radiation Therapy Centres in Public and Private Sectors**
As the first Speech and Language Therapy undergraduate programme in Singapore, this four-year, direct honours degree programme has been carefully developed with senior speech and language therapy practitioners across the local public healthcare, community care, social services, and private sectors. The programme serves to meet 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.

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

INTERDISCIPLINARY CURRICULUM that intersects speech and language therapy and health sciences

Delivery of DISCIPLINE-SPECIFIC MODULES BY ACTIVE PRACTITIONERS in healthcare institutions and specialists in key domains
CURRICULUM STRUCTURE

YEAR 01

TRIMESTER 1
- Anatomy and Physiology 1
- Psychological and Sociological Perspectives for Health Sciences
- Health Systems — Singapore’s Perspectives
- Speech and Communication 1

TRIMESTER 2
- Anatomy and Physiology 2
- Research — Critical Appraisal of Literature
- Communication Development
- Anatomy and Physiology for Human Communication and Swallowing

TRIMESTER 3
- Preschool Communication Disorders
- Cognitive Neuroscience for Speech and Language Therapists
- Clinical Practice Education 1

YEAR 02

TRIMESTER 1
- Speech and Communication 2
- Dysphagia Management in Adults
- School-age Communication Disorders

TRIMESTER 2
- Research — Methods and Statistics
- Speech Sound Disorders
- Fluency and Related Disorders

TRIMESTER 3
- Introduction to Clinical Reasoning and Professional Issues in Speech Therapy
- Complex Communication Disorders in Children
- Clinical Practice Education 2
<table>
<thead>
<tr>
<th>YEAR</th>
<th>TRIMESTER</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>1</td>
<td>Honours Thesis Proposal, Acquired Language Disorders, Voice Sciences and Disorders, Motor Speech Disorders</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Honours Thesis*, Clinical Methods and Professional Issues in Speech Therapy, Clinical Practice Education 3</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Honours Thesis*, Augmentative and Alternative Communication, Clinical Practice Education 4</td>
</tr>
<tr>
<td>04</td>
<td>1</td>
<td>Honours Thesis*, Change Management, Contemporary Topics, Professional Issues and Management of Complex Cases, Paediatric Feeding and Swallowing Disorders</td>
</tr>
</tbody>
</table>

*This module will continue until the end of Year 4, Trimester 2.
CAREER OPPORTUNITIES

Graduates can be employed as speech and language therapists in a variety of settings, such as:

- Child Development Centres
- Special Schools
- Acute Hospitals
- Community Hospitals
- Intermediate and Long-Term Care Organisations including Nursing Homes and Rehabilitation Centres
- Social Service Agencies
- Early Intervention Programme for Infant and Children Centres
- Private Practice
The members of the Industry Advisory Committee for the Diagnostic Radiography, Dietetics and Nutrition, Nursing, Occupational Therapy, Physiotherapy, Radiation Therapy and Speech and Language 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 Kumar Ghosh
Director
Sector Manpower and Organisation Development
National Council of Social Service

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

**ADMISSION REQUIREMENTS**

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).

### MEETING THE MINIMUM ACADEMIC REQUIREMENTS*

- Full-time Diploma from any local polytechnic
- GCE A Level
- International Baccalaureate Diploma (IB)
- NUS High School Diploma
- Other Year 12 Equivalent Qualifications

### INTERVIEW PERFORMANCE

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.

* 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</th>
<th>Radiation Therapy</th>
<th>Physiotherapy</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FULL-TIME DIPLOMA FROM ANY LOCAL POLYTECHNIC</strong></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 Acquired relevant full-time work experience of one to two years</td>
<td>Completed a relevant Science-related full-time local polytechnic Diploma and/or Acquired relevant full-time work experience of one to two years</td>
</tr>
<tr>
<td></td>
<td>Acquired relevant full-time work experience of one to two years</td>
<td></td>
<td>Module exemptions will be considered on a case-by-case basis</td>
</tr>
<tr>
<td></td>
<td>Module exemptions will be considered on a case-by-case basis</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>GCE A LEVEL</strong></td>
<td>Offered General Paper (GP) or Knowledge &amp; Inquiry (KI) in the same sitting while satisfying the Mother Tongue Language (MTL) requirements.</td>
<td>A good pass in two H2 subjects (Biology, Chemistry, Physics and Mathematics)</td>
<td></td>
</tr>
<tr>
<td><strong>INTERNATIONAL BACCALAUREATE DIPLOMA (IB)</strong></td>
<td>Obtained the IB Diploma while satisfying the Mother Tongue Language (MTL) requirements.</td>
<td>A good pass in two HL subjects (Biology, Chemistry, Physics and Mathematics)</td>
<td></td>
</tr>
<tr>
<td><strong>NUS HIGH SCHOOL DIPLOMA</strong></td>
<td>Obtained the NUS High School Diploma while satisfying the Mother Tongue Language (MTL) requirements.</td>
<td>A good pass in two subjects (Biology, Chemistry, Physics and Mathematics)</td>
<td></td>
</tr>
<tr>
<td><strong>OTHER YEAR 12 EQUIVALENT QUALIFICATIONS</strong></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](http://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.*
## Qualifications

<table>
<thead>
<tr>
<th>Dietetics and Nutrition</th>
<th>Occupational Therapy</th>
<th>Speech and Language Therapy</th>
<th>Nursing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time Diploma from Any Local Polytechnic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Completed a relevant Science-related full-time local polytechnic Diploma* and/or</td>
<td>- Completed a relevant full-time local polytechnic Diploma* and/or</td>
<td>- Completed a relevant full-time local polytechnic Diploma* and/or</td>
<td>- Be qualified as a Registered Nurse</td>
</tr>
<tr>
<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>- Acquired relevant full-time work experience of one to two years</td>
<td>- Hold current registration with the Singapore Nursing Board (SNB)</td>
</tr>
<tr>
<td>- Module exemptions will be considered on a case-by-case basis.</td>
<td>- Module exemptions will be considered on a case-by-case basis.</td>
<td>- Module exemptions will be considered on a case-by-case basis.</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)/ Diploma in Nursing</td>
</tr>
</tbody>
</table>

### GCE A Level

- Offered General Paper (GP) or Knowledge & Inquiry (KI) in the same sitting while satisfying the Mother Tongue Language (MTL) requirements.
- A good pass in two H2 subjects (Biology, Chemistry, Physics and Mathematics), one of which must be Chemistry
- A good pass in two H2 subjects, one of which must be Biology, Chemistry, Physics or Mathematics
- A good pass in two H2 subjects, with a good pass in H1/H2 Biology, Chemistry, Physics, Mathematics or Economics

### International Baccalaureate Diploma (IB)

- Obtained the IB Diploma while satisfying the Mother Tongue Language (MTL) requirements.
- A good pass in two HL subjects (Biology, Chemistry, Physics and Mathematics), one of which must be Chemistry
- A good pass in two HL subjects, one of which must be Biology, Chemistry, Physics or Mathematics
- A good pass in two HL subjects, with a good pass in SL/HL Biology, Chemistry, Physics, Mathematics or Economics

### NUS High School Diploma

- Obtained the NUS High School Diploma while satisfying the Mother Tongue Language (MTL) requirements.
- A good pass in two subjects (Biology, Chemistry, Physics and Mathematics), one of which must be Chemistry
- A good pass in two subjects, one of which must be Biology, Chemistry, Physics or Mathematics
- A good pass in two subjects (Biology, Chemistry, Physics, Mathematics or Economics)

### Other Year 12 Equivalent Qualifications

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

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*Please refer to [SingaporeTech.edu.sg](https://www.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

Applicants to these Health Sciences programmes 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>
<th>Minimum Grade Required</th>
<th>Minimum Grade Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>GCE O LEVEL</td>
<td>English as First Language</td>
<td>C5</td>
<td>C6</td>
<td>A2</td>
</tr>
<tr>
<td>IELTS (ACADEMIC)</td>
<td>IELTS</td>
<td>7.0 (for all components)</td>
<td>6.0 (for all components)</td>
<td>8.0 and no less than 7.5 for all components</td>
</tr>
<tr>
<td>TOEFL</td>
<td>TOEFL</td>
<td>250 marks for computer-based test or 600 marks for paper-based test or 100 marks for internet-based test</td>
<td>60 marks for internet-based test</td>
<td>110 marks for internet-based test</td>
</tr>
<tr>
<td>OCCUPATIONAL ENGLISH TEST (OET)</td>
<td>OET</td>
<td>B</td>
<td>B</td>
<td>3 Grade As and 1 Grade B</td>
</tr>
<tr>
<td>POLYTECHNIC FOUNDATION PROGRAMME (PFP)</td>
<td>English Modules</td>
<td>C+</td>
<td>C+</td>
<td>A</td>
</tr>
<tr>
<td>GCE A LEVEL</td>
<td>General Paper/ Knowledge &amp; Inquiry</td>
<td>D</td>
<td>D</td>
<td>B</td>
</tr>
<tr>
<td>INTERNATIONAL BACCALAUREATE (IB)</td>
<td>SL ‘English A: Language &amp; Literature’ or SL ‘Literature &amp; Performance’</td>
<td>4</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>NUS HIGH SCHOOL DIPLOMA</td>
<td>EL4101 or higher (ELS5101, 6103) modules</td>
<td>C+</td>
<td>C+</td>
<td>B</td>
</tr>
</tbody>
</table>

Notes:

- Applicants to all Health Sciences Programmes (Diagnostic Radiography, Dietetics and Nutrition, Nursing, Occupational Therapy, Physiotherapy, Radiation Therapy, and Speech and Language 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.
- Applicants who hold a first degree from Singapore, Australia, Canada (except Quebec), New Zealand, Republic of Ireland, South Africa, United Kingdom, and the United States of America will be deemed to have fulfilled the stipulated English Language requirement for the programme.
- Applicants to the Speech and Language Therapy programme are required to fulfil both the English and Mother Tongue Language (MTL) requirements as stated in the table above.

For up-to-date information, please refer to SingaporeTech.edu.sg.
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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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