

NEW SKILLSFUTURE WORK-STUDY DEGREE PROGRAMMES DEVELOPED WITH SIT AND UNISIM

Programmes offered by SIT	
Bachelor of Hospitality Business with Honours	
Sponsoring company: <ul style="list-style-type: none"> The Ascott Limited 	<p>This is the first and only Hospitality Business degree programme in Singapore. The curriculum was developed in collaboration with the hospitality industry to address the competencies needed to prepare graduates for a management career in the industry.</p> <p>This programme aspires to educate and develop the next generation of constructive, transformational leaders for both the local and global hospitality markets. Towards this end, there is an intertwining of rigorous academic content with practical insight. Relevant applications and local contextualisation 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 new SkillsFuture Work-Study Degree Programme in Hospitality Business will also feature modules co-developed and co-delivered by staff from The Ascott Limited.</p> <p>This is a three-year programme with three trimesters (4 months each) for each academic year. The students will go through both an Industry Attachment (IA) in Trimester 3 of Year 1, and the Integrated Work-Study Programme (IWSP) with The Ascott Limited. The IWSP is credit-bearing, and the students will be attached to companies during trimester 3 of Year 2 and trimester 1 of Year 3.</p>
Bachelor (Hons) of Information and Communications Technology – Information Security	
Sponsoring companies: <ul style="list-style-type: none"> Accenture Cyber Security Agency DSTA Government Technology Agency IMDA Singtel UniSIM 	<p>The Information and Communications Technology (Information Security) degree programme offered by SIT will be the first undergraduate degree programme offered by a local autonomous university that majors in information security. The programme is designed to provide students with the necessary industry-relevant knowledge and practical technical skills to become specialised professionals in the field of information security that will be in demand by the industry.</p> <p>Building on the core computer science fundamentals, specialised in-depth knowledge and technical skills will be taught to cover a holistic range of topics in Information Security.</p>

	<p>Students will learn about Secured Software Development, Ethical Hacking, Digital Forensics as well as Security Governance and Management. Security in emerging areas such as mobile and cloud security will also be covered.</p> <p>This is a four-year programme with three trimesters for each academic year. The students will go through an Industry Induction in Trimester 3 of Year 1 and Year 2 and the Integrated Work-Study Programme (IWSP) with the partner companies. For the IWSP, which is credit-bearing, the students will be attached to the partner companies for 12 months to gain deep industry skillsets and training will be providing by the sponsoring partner.</p>
Bachelor (Hons) of Information and Communications Technology – Software Engineering	
<p>Sponsoring companies:</p> <ul style="list-style-type: none"> • Accenture • Government Technology Agency • Inspire-Tech • Singtel 	<p>With the prevalence of Infocomm Technologies (ICT) across all industry sectors including finance, hospitality, manufacturing, and healthcare, proper software engineering is critical to support the daily operations of many organisations. This software engineering programme covers the design, development, operation, analysis, maintenance and management of software in a holistic and systematic manner.</p> <p>This is a four-year programme with three trimesters for each academic year. The students will go through an Industry Induction in Trimester 3 of Year 1 and Year 2 and the Integrated Work-Study Programme (IWSP) with the partner companies. For the IWSP, which is credit-bearing, the students will be attached to the partner companies for 12 months to gain deep industry skillsets and training will be providing by the sponsoring partner.</p>
Bachelor of Engineering with Honours in Electrical Power Engineering	
<p>Sponsoring company:</p> <ul style="list-style-type: none"> • Singapore Power 	<p>The Electrical Power Engineering (EPE) programme is a three-year honours degree jointly offered by SIT and Newcastle University (NU). As the first locally-offered, dedicated electrical power engineering undergraduate programme, the curriculum is specially customised to meet industry demand in Singapore. It will play an important role in increasing the number of graduates to address the workforce demand in the power sector whilst fulfilling the country's vision of becoming a Smart Nation. As a joint programme, it will leverage the expertise and resources of both SIT and NU.</p>

	<p>Graduates from the SIT-NU EPE programme are needed in diverse sectors including electrical power generation, electrical power transmission and distribution, renewable energy, smart grid, land transportation, power and automation, oil and gas, and liquefied natural gas. Through a rigorous curriculum with strong industry focus, graduates will be theoretically-grounded and practice-oriented. This will equip them with the necessary technical competence, tools and personal skills that will enable them to continue to develop their understanding, expertise and professionalism as they progress through their career. Having a solid foundation will also facilitate lifelong learning as they embark on their engineering career.</p> <p>This is a three-year programme with three trimesters for each academic year. The students will go through an Industry Induction in Trimester 3 of Year 1 and Year 2 as well as the Integrated Work-Study Programme (IWSP) with Singapore Power. For the IWSP, which is credit-bearing, the students will be attached to Singapore Power for six months to gain deep industry skillsets and training.</p>
Bachelor of Engineering with Honours in Civil Engineering	
<p>Sponsoring companies:</p> <ul style="list-style-type: none"> Samwoh Corporation Pte Ltd 	<p>The Bachelor of Civil Engineering Honours degree programme is jointly offered by SIT and the University of Glasgow (UofG). This programme will play an important role in addressing the lack of local graduate manpower with the necessary civil engineering professional qualifications for the building and construction industry in the face of sustained building and infrastructure development.</p> <p>Through a heavy emphasis on project-based learning and industrial immersion, this programme aims to produce industry-ready graduates who are equipped with a high level of technical expertise to address multidisciplinary challenges, provide technically sound, economically feasible and sustainable solutions to complex problems.</p> <p>Upon successful completion of their BEng (Hons), students may continue with the Master of Engineering Technology in Civil Engineering graduate degree that will qualify them to apply to sit for the professional examination, conducted by the Professional Engineers Board of Singapore.</p> <p>Strong emphasis is placed on the industrial relevance in the curriculum development of BEng (Hons) and MEngTech programmes in consultation with government agencies and</p>

	<p>companies from the construction sector.</p> <p>The Civil Engineering SkillsFuture Work-Study Degree Programme is currently offered for the Bachelor of Civil Engineering Honours degree programme. The four-year programme is designed for civil engineering professionals to provide them with upgrading opportunities with minimal work disruption through a 4-day work week and 2 half-days of study. By deepening the skillsets of these professionals through industry-relevant curriculum, companies will be able to advance the careers of these employees, empowering them to provide viable solutions to address civil engineering problems.</p>
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Programmes offered by UniSIM	
Bachelor of Science in Finance with Minor <i>(was started in January 2017)</i>	
<p>Sponsoring companies:</p> <ul style="list-style-type: none"> Standard Chartered Bank 	<p>The Finance programme provides the foundational knowledge and skills required of a qualified and competent finance professional. With an applied focus and an emphasis on data and technology, students apply financial concepts to real-life cases and issues. This application-oriented approach gives students the contextual knowledge required to solve complex problems in the financial industry. Armed with these skills, students will be well-equipped to meet the challenges of a career in the finance industry, and can expect to find employment opportunities in areas such as compliance, risk management, financial planning, treasury and capital management, private banking, and corporate finance.</p> <p>Students on the new SkillsFuture Work-Study Degree Programme are on a 3-day work/2-day study arrangement with Standard Chartered. Students will take the 20 credit units worth of in-company training and have it counted towards their total credit required for graduation.</p>
Bachelor of Science in Business Analytics with Minor	
<p>Sponsoring companies:</p> <ul style="list-style-type: none"> Standard Chartered Bank 	<p>The Bachelor of Science in Business Analytics with Minor is a four-year direct honours programme. Students are trained in the application of a broad array of analytics techniques such as visualisation, data mining, text mining, statistics, forecasting and optimisation using analytics software so that they can apply them in a broad spectrum of organisations and sectors. These can include government, healthcare and medicine,</p>

	<p>community, business, and social services.</p> <p>Students on the new SkillsFuture Work-Study Degree Programme are on a 3-day work/2-day study arrangement with Standard Chartered. Students will take the 20 credit units worth of in-company training and have it counted towards their total credit required for graduation.</p>
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