JOIN THE U THAT BELIEVES IN U.

SCHOOL OF SCIENCE AND TECHNOLOGY

2018 | Part-time Undergraduate Programmes
The School of Science and Technology (SST) promotes profession-centric and career-ready education in Science and Technology. Our inclusive, immersive and in-employment education transforms SST graduates into professionals equipped with the relevant knowledge, employable skills and work experience.

We provide students with a rigorous curriculum, industrial-relevant training and career-advancing degree programmes. Students are empowered with a flexible learning path, where they decide when and how they want to learn. Their net worth is enhanced through engagement with professionals to go beyond textbook knowledge and tapping on the business acumen of successful industry leaders through the School’s partnership with corporate players. Most importantly, students expand their network by connecting and learning first-hand from local and international academics, practitioners and corporate chiefs who are our teaching faculty. SST’s learning community is empowered to network at a strategic level to create learning, business and career opportunities and advancement for life-long success.
Welcome to SST!

I invite you to make the leap and expand your skills and knowledge at SST.

I look forward to meeting you on campus.

Associate Professor
ATTALLAH SAMIR
Dean
SCHOOL OF SCIENCE AND TECHNOLOGY

6 Bachelor of Building and Project Management
8 BEng Aerospace Systems
11 BEng Electronics
13 BSc Biomedical Engineering
15 BSc Biomedical Engineering with Paramedicine and Emergency Response
17 BSc Facilities and Events Management
19 BSc Human Factors in Safety
BSc Human Factors in Safety with Military Studies
21 BSc Information and Communication Technology
BSc Info-Comm Technology with Military Studies
BSc Info-Comm Technology with Security Studies
23 BSc Information Technology and Business (ERP)
25 BSc Mathematics
27 BSc Multimedia Technology and Design
10 GOOD REASONS TO STUDY AT

1. High Academic Standards
2. More than 60 degree programmes over 5 schools
3. Industry-relevant curricula
4. Flexible and self-paced learning

Government tuition grant or subsidy for eligible students
GOOD REASONS TO STUDY AT SINGAPORE UNIVERSITY OF SOCIAL SCIENCES

- Experienced Faculty Members and Industry Experts
- Well-Designed Online Learning Resources
- Practice-Oriented Approach
- Lifelong Educational Opportunities
- Focus on Real-World Learning
BACHELOR OF BUILDING AND PROJECT MANAGEMENT

PROGRAMME OVERVIEW

This programme is a partnership between Singapore University of Social Sciences and BCA Academy. The programme equips students with a repertoire of specialist knowledge and skills for a productive management of construction projects. Students will be trained in a broad spectrum of competencies including interdisciplinary studies in building design and technology, construction management, international project management, quantity surveying, contract administration, safety management and sustainability.

The programme has been accredited by the Royal Institution of Chartered Surveyors (RICS), UK and the Singapore Institute of Surveyors and Valuers (SISV). The BBPM degree is also recognised for Quantity Surveying (QS) discipline by Public Sector Panels of Consultants (PSPC).

Students who perform well academically in the basic degree programme may be invited to pursue the Honours programme, which will be offered only if the requisite number of students sign up for it. Graduating students who meet the eligibility criteria for an Honours classification will be awarded an Honours degree based on aggregate academic performance measured by the cumulative grade point average (CGPA) assessed throughout the degree programme.

To graduate with a basic degree, students are required to complete a total of 130 credit units (cu) of courses, inclusive of 10 cu of university core courses and 10 cu of General Electives, which are courses offered under the General Studies Programme (course pre-requisite applies). Students are required to complete a total of 170 credit units (cu) of courses, inclusive of 10 cu of university core courses in order to graduate from the Honours programme. Graduating students who meet the eligibility criteria for an honours classification will be awarded an Honours degree based on aggregate academic performance measured by the cumulative grade point average (CGPA) assessed throughout the degree programme. All courses are 5 cu unless stated otherwise.

WHOM IS THIS FOR?

For aspiring project managers or practicing professionals in the building and construction industry.

CAREER PROSPECTS

Graduates with a degree in Building and Project Management have a wide range of career opportunities. They will have the flexibility and proficiency to take up roles in areas such as Project Management, Construction Management, Facility Management, Cost Management/ Estimation/ Quantity Surveying, Procurement and Contract Administration etc.

The programme is recognised by professional institutions such as the Royal Institution of Chartered Surveyors (RICS), Society of Project Managers (SPM) and Singapore Institute of Surveyors and Valuers (SISV).
### School of Science and Technology Core

#### Level 1
- Human Factors and Systems Design
- Principles of Project Management

#### Level 2
- Sustainable Society Through Innovative Technology

#### Level 3
- Strategic Management of Technology

### Compulsory Courses

#### Level 1
- Interdisciplinary Studies in Construction
- Construction Law
- Construction IT and BIM
- Building Services
- Construction Technology
- Materials Technology
- Contract Administration

#### Level 2
- Construction Economics
- Construction Project Management
- Productivity Management
- Cost Management for Architectural Works
- Cost Management for C&S Works
- Procurement Management

#### Level 3
- Life-Cycle-Costing and Sustainable Design and Construction
- Project Development and Finance
- Project Scheduling and Control
- Cost Planning and Estimation
- Cost Management for M&E Works

### Honours Courses

#### Level 3
- Geospatial Applications and Analysis
- Incident and Accident Investigation
- Environmental Management and Sustainable Development

#### Level 4
- Quality Management Systems
- Professional Practices in Construction Project Management
- International Construction Project Management
- Advanced Construction Technology
- Capstone Building and Project Management Project (10 cu)
**PROGRAMME OVERVIEW**

This programme combines the knowledge of avionics, materials, and aerospace systems engineering in a part-time teaching mode, thus allowing students to continue with their day time work in the aviation industry to acquire the practical experience, whilst at the same time being given the opportunity to upgrade their knowledge both in depth and breadth. An analysis of the skill/knowledge requirements currently available in Singapore’s aerospace industry will reveal that potential employers are looking for skilled degree holders with specialist training in Aerospace Engineering, Supply Chain, Sales and Customer Service and Project Management in the Aerospace Sector.

The programme meets the academic requirements of professional recognition by the Engineering Accreditation Board (EAB) of Singapore as well as to give vocational support to career aspirations of students who desire to work in the local or regional aerospace industry.

Students are required to complete a total of 170 credit units (cu) of courses, inclusive of 10 cu of university core courses in order to graduate. Graduating students who meet the eligibility criteria for an Honours classification will be awarded an Honours degree based on aggregate academic performance measured by the cumulative grade point average (CGPA) assessed throughout the degree programme. All courses are 5 cu unless stated otherwise.

Students in this programme are eligible to register for student membership with The Institution of Engineers, Singapore (IES). For more information, please visit www.ies.org.sg

**WHOM IS THIS FOR?**

Working adults in the avionics/aerospace engineering, aviation maintenance, repair and overhaul (MRO) sector and Singapore Armed Forces personnel.

Students who are keen on enhancing your knowledge, skills and understanding of aviation.

Programme Offered in Collaboration with:

Cranfield University
The Bachelor of Engineering Aerospace Systems programme (BEHAS) will undergo full accreditation by the Institute of Engineers Singapore (IES) once we have 2 or more batches of graduates.

In addition, the BEHAS Programme Advisory Committee (PAC) was formed in 2010 to support the quality of the programme. Comprising senior management representatives from aerospace companies/organisations, its main objective is to provide vision and strategic plan for the programme as well as monitor its performance in meeting annual objectives. The PAC also oversees the curriculum and provides recommendations for changes.

Furthermore, all our courses are evaluated by academics from both local and overseas universities to ensure that the stringent academic standards are met.

---

### CAREER PROSPECTS

---

### COMPULSORY COURSES

<table>
<thead>
<tr>
<th>LEVEL 1</th>
<th>TOTAL 135 CU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace Management</td>
<td></td>
</tr>
<tr>
<td>Introduction to Aerospace Engineering</td>
<td></td>
</tr>
<tr>
<td>Introduction to Engineering Materials and Aeromaterials</td>
<td></td>
</tr>
<tr>
<td>Thermo-Fluid Mechanics</td>
<td></td>
</tr>
<tr>
<td>Analogue Electronics Design</td>
<td></td>
</tr>
<tr>
<td>Digital Electronics Design</td>
<td></td>
</tr>
<tr>
<td>Intellectual Property and Patents</td>
<td></td>
</tr>
<tr>
<td>Calculus and Statistics</td>
<td></td>
</tr>
<tr>
<td>Human Factors and Systems Design</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LEVEL 2</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace Propulsion</td>
<td></td>
</tr>
<tr>
<td>Fundamentals of Corrosion and Fracture Mechanics</td>
<td></td>
</tr>
<tr>
<td>Linear Systems Analysis and Design</td>
<td></td>
</tr>
<tr>
<td>Introductory Programming Techniques in C++</td>
<td></td>
</tr>
<tr>
<td>Object Oriented Programming in C++</td>
<td></td>
</tr>
<tr>
<td>Fundamentals of Mathematical Methods and Mechanics</td>
<td></td>
</tr>
<tr>
<td>Further Mathematical Methods and Mechanics</td>
<td></td>
</tr>
<tr>
<td>Fundamentals of Mathematical Modelling</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LEVEL 3</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace Dynamics</td>
<td></td>
</tr>
<tr>
<td>Aerostructures - Properties and Performance</td>
<td></td>
</tr>
<tr>
<td>Aircraft Electrical, Instrument Systems/Servomechanisms and Electronics</td>
<td></td>
</tr>
<tr>
<td>Avionics Systems Design</td>
<td></td>
</tr>
<tr>
<td>Flight Dynamics and Control</td>
<td></td>
</tr>
<tr>
<td>Digital Signal Processing</td>
<td></td>
</tr>
<tr>
<td>A Primer on Aerospace and Aviation @ Cranfield – one week full-time course (10 cu)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LEVEL 4</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Capstone Aerospace Engineering Project (10 cu)</td>
<td></td>
</tr>
</tbody>
</table>

---

### ELECTIVES COURSES

<table>
<thead>
<tr>
<th>LEVEL 3</th>
<th>CHOOSE 25 CU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radar Systems Applications</td>
<td></td>
</tr>
<tr>
<td>Property and Facilities Maintenance</td>
<td></td>
</tr>
<tr>
<td>Safety, Risk and Resilience Engineering</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LEVEL 4</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace Vehicles Design</td>
<td></td>
</tr>
<tr>
<td>Aircraft Engineering</td>
<td></td>
</tr>
<tr>
<td>Airport Planning and Management</td>
<td></td>
</tr>
<tr>
<td>Airport Transport Management</td>
<td></td>
</tr>
<tr>
<td>Computer Systems Architecture, HCI and Graphical Interfaces</td>
<td></td>
</tr>
<tr>
<td>Degradation and Protection for Aerospace</td>
<td></td>
</tr>
<tr>
<td>Design and Manufacture of Composites</td>
<td></td>
</tr>
<tr>
<td>Flight Line and Hangar Management</td>
<td></td>
</tr>
<tr>
<td>Aviation Finance</td>
<td></td>
</tr>
<tr>
<td>Aviation Change Management</td>
<td></td>
</tr>
<tr>
<td>Manufacturing Systems</td>
<td></td>
</tr>
<tr>
<td>Reliability-Centered Maintenance</td>
<td></td>
</tr>
</tbody>
</table>

---

**Explanatory Notes**

1 Courses from Cranfield University
What do you like most about Singapore University of Social Sciences?

What attracted me to Singapore University of Social Sciences was the way in which the courses are planned and structured – seamlessly integrated to aid students’ ease of learning theoretically and practically. Classes are also conducted in a mixture of face-to-face sessions as well as online sessions. This helps to balance time management for working adults as online lectures are recorded which can be accessed any time after.

Does Singapore University of Social Sciences prepare you for the real world?

Singapore University of Social Sciences has always lent its full support for students to take part in competitions. In my personal capacity, I received great support from Singapore University of Social Sciences to participate in the inaugural Energy Innovation Challenge 2015 for my final year Capstone project for which I eventually won the top prize – a feat that would not have happened without the school and my team’s support. I am definitely appreciative of the efforts taken by Singapore University of Social Sciences to develop students’ potential.

Singapore University of Social Sciences also organises industry visits on a regular basis to places such as ST Aerospace. Students are encouraged to attend these visits to further widen our perspectives along with our course. I am definitely appreciative of the efforts Singapore University of Social Sciences put in to develop students’ potential.

How do you juggle between work and school?

Honestly, life has never been busier. Not only do I have to balance between work and classes, assignments, group project meetings, there would still be the dreaded exams where I would have to take a chunk of vacation leave just to study for them. Priorities would surely have to be rearranged. Recreational time with friends and even “me time” would naturally take a hit, some things definitely got to give.

However, as with everything in life, there is always something to lose, and something to gain, aka “win some lose some”. With that many things to juggle, students are forced to hone their time management skills. This is a really useful skill to have in life!
The BEng Electronics programme provides technical depth and breadth to prepare graduates for a rewarding career in the electronics industry. It is structured to develop and train students with an in-depth knowledge of electronics, telecommunications, and IT.

Students have a choice for specialisation in areas such as VLSI design, analogue and digital control system design, telecommunication system design and multimedia systems.

Students are required to complete a total of 170 credit units (cu) of courses, inclusive of 10 cu of university core courses in order to graduate. Graduating students who meet the eligibility criteria for an Honours classification will be awarded an Honours degree based on aggregate academic performance measured by the cumulative grade point average (CGPA) assessed throughout the degree programme. All courses are 5 cu unless stated otherwise.

This programme is accredited by the Engineering Accreditation Board (EAB), Institution of Engineers Singapore (IES). Through this accreditation, the BEng Electronics degree is recognised in Singapore and 14 other countries (Australia, Canada, Hong Kong, Ireland, Japan, Korea, Malaysia, New Zealand, Russia, South Africa, Taiwan, Turkey, United Kingdom and United States) following the Washington Accord.

Graduates from this programme should be able to work in industries such as Electronics, Telecommunications, semiconductor foundries and control plants, amongst others.

Students in this programme are eligible to register for student membership with The Institution of Engineers, Singapore (IES). For more information, please visit www.ies.org.sg
The Electronics programme is accredited by the Engineering Accreditation Board (EAB), Institution of Engineers Singapore (IES). Through this accreditation the BEng Electronics degree is recognised in Singapore and 14 other countries (Australia, Canada, Hong Kong, Ireland, Japan, Korea, Malaysia, New Zealand, Russia, South Africa, Taiwan, Turkey, United Kingdom and United States) following the Washington Accord. Graduates from this programme should be able to work in industries such as Electronics, Telecommunication, Semiconductor foundries and Control plants, among others.

CAREER PROSPECTS

Total 130 cu
Choose 30 cu

LEVEL 1
- Analogue Electronics Design
- Digital Electronics Design
- Design of Logic Systems
- Intellectual Property and Patents
- Calculus and Algebra
- Transformation and Matrices
- Principles of Project Management

LEVEL 2
- Linear Systems Analysis and Design
- Filter Theory and Design
- Introductory Programming Techniques in C++
- Object Oriented Programming in C++
- Fundamentals of Mathematical Methods and Mechanics
- Further Mathematical Methods and Mechanics
- Numerical Methods and Advanced Calculus
- Fundamentals of Statistics and Probability
- Engineering Ethics

LEVEL 3
- Microprocessor Programming
- Real Time Systems
- Computer Communications
- Digital Communications
- Digital Signal Processing
- Adaptive Signal Processing
- Nonlinear Optimisation Methods and Applications
- Wireless Communication Systems

LEVEL 4
- Capstone Aerospace Engineering Project (10 cu)

LEVEL 2
- Analogue Electronics Design
- Digital Electronics Design
- Design of Logic Systems
- Intellectual Property and Patents
- Calculus and Algebra
- Transformation and Matrices
- Principles of Project Management

LEVEL 3
- Analogue Control System Design
- Digital Control System Design
- Electronic Materials
- Semiconductor Devices
- VLSI Design 1
- VLSI Design 2
- Radar System Applications
- RF and Microwave Design of Wireless Systems
- Computer Interactive Graphics
- Virtual Reality Systems
- Safety Management and Audit
- Environmental Management and Sustainable Development

LEVEL 4
- Capstone Aerospace Engineering Project (10 cu)
Combining engineering concepts with the world of life sciences to address biomedical engineering issues, this programme provides students with the knowledge and skills to identify, define and solve problems in biology and medicine, and build your capability to develop better medical devices and instruments to enhance the standard of healthcare.

In the BSc Biomedical Engineering programme, students will be trained in core biomedical engineering, and specialised biomedical engineering areas of rehabilitation engineering, bioinformatics, and medical electronics. This programme prepares the students for employment in the medical device/electronics industry, hospitals, private health organisations, and positions involving direct contact with healthcare, rehabilitation, and human performance.

Students are required to complete a total of 170 credit units (cu) of courses, inclusive of 10 cu of university core and 10 cu of General Elective courses in order to graduate. Graduating students who meet the eligibility criteria for an Honours classification will be awarded an Honours degree based on aggregate academic performance measured by the cumulative grade point average (CGPA). All courses are 5 cu unless stated otherwise.

Students in this programme are eligible to register for student membership with The Institution of Engineers, Singapore (IES). For more information, please visit www.ies.org.sg

Whom is this for?

Practising professionals in the biomedical and healthcare sectors who wish to upgrade their academic qualifications from GCE “A-level” or diploma to degree.

Career Prospects

Graduates from this programme are suitable for employment in the medical device/electronics industry, hospitals, private research organisations, and positions involving direct contact with healthcare, rehabilitation, and human performance.
### SCHOOL OF SCIENCE AND TECHNOLOGY CORE

<table>
<thead>
<tr>
<th>Level</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1</td>
<td>Essentials of Bioelectronics</td>
</tr>
<tr>
<td>Level 2</td>
<td>Health Administration</td>
</tr>
<tr>
<td>Level 3</td>
<td>Strategic Management of Technology</td>
</tr>
</tbody>
</table>

#### LEVEL 1
- Essentials of Bioelectronics
- Introduction to Chemistry and Biochemistry
- Anatomy and Physiology
- Physiology and Infectious Diseases
- Calculus and Statistics

#### LEVEL 2
- Biomedical Ethics
- Biomedical Informatics
- Fundamentals of Bioengineering
- Applied Biomechanics
- Biomaterials
- Clinical Trials
- Healthcare Standards and Regulations

#### LEVEL 3
- Biomedical Devices
- Rehabilitative and Assistive Engineering
- Biomedical Sensors and Measurements
- Biomedical Instrumentation and Systems

#### LEVEL 4
- Capstone Biomedical Engineering Project (10 cu)

### Elective Courses

#### LEVEL 2
- Advanced Biomechanics and Modelling
- Advanced Biomaterials
- Cardiovascular Bioengineering
- Genomic Sequence Analysis
- Functional Genomics
- Advanced Biomedical Instrumentation
- Medical Imaging
- Visualisation and Image Analysis
- Computer Interactive Graphics
- Virtual Reality Systems

#### LEVEL 3
- Principles of Project Management
- Human Factors and Systems Design
- Sustainable Society Through Innovative Technology
- Strategic Management of Technology

#### LEVEL 4
- Total 20 cu
This programme incorporates the application of engineering techniques in biological sciences and medicine, together with specialized paramedicine and emergency management courses from the Justice Institute of British Columbia, Canada’s leading public safety educator providing tertiary education in areas of justice and public safety. Students in this programme will also have the opportunity to spend time at JIBC’s main campus and use the Institute’s simulation and PRAXIS technology. With the Minor in Paramedicine and Emergency Response, graduates are armed with additional emergency health related knowledge and policy development skills. We expect our graduates from this degree programme to think, act and speak with confidence in any chosen emergency management related career.

Students are required to complete a total of 170 credit units (cu) of courses, inclusive of 10 cu of university core courses in order to graduate. Graduating students who meet the eligibility criteria for an Honours classification will be awarded an Honours degree based on aggregate academic performance measured by the cumulative grade point average (CGPA). All courses are 5 cu unless stated otherwise.

Students in this programme are eligible to register for student membership with The Institution of Engineers, Singapore (IES). For more information, please visit www.ies.org.sg

Graduates from this programme are suitable for employment in the medical device/electronics industry, hospitals, research organisations, private emergency services and management industry, and positions involving direct contact with healthcare, rehabilitation, human life and performance.
FM is a broad field of study and practice that requires some engineering knowledge as an essential backdrop to management know-how. It covers competency areas like operations and management, real estate, human and environmental factors, planning, project management, leadership, finance, quality assessment, innovation, communication, and technology. On the other hand, EM is seemingly more management in practice. Apart from specialised knowledge in EM, some of the required management skills are similar to those in FM.

By having a programme that integrates facilities expertise with events management, students will be equipped with a firm foundation in leadership, planning, design, finance, communication and management skills together with the essential specialised EM and FM technology areas. This will ensure that they have flexible career options and have the knowledge in large-scale events management and green building management.

The programme is accredited by the International Facilities Management Association (IFMA) and the Royal Institution of Chartered Surveyors (RICS).

Students who perform well academically in the basic degree programme may be invited to pursue the Honours programme, which will be offered only if the requisite number of students sign up for it. Graduating students who meet the eligibility criteria for an Honours classification will be awarded an Honours degree based on aggregate academic performance measured by the cumulative grade point average (CGPA) assessed throughout the degree programme.

To graduate with a basic degree, students are required to complete a total of 130 credit units (cu) of courses, inclusive of 10 cu of university core courses. Students are required to complete a total of 170 credit units (cu) of courses, inclusive of 10 cu of university core courses in order to graduate from the Honours programme. Graduating students who meet the eligibility criteria for an Honours classification will be awarded an Honours degree based on aggregate academic performance measured by the cumulative grade point average (CGPA) assessed throughout the degree programme. All courses are 5 cu unless stated otherwise.

Programme Offered in Collaboration with:
**WHOM IS THIS FOR?**

Recommended for aspiring facilities or events manager, or students who are keen to pursue a career in facilities and events industry.

**CAREER PROSPECTS**

The Need for Facilities Managers - To achieve the Inter-Ministerial Committee for Sustainable Development’s (IMCSD) target for 80% of buildings to be Green Mark certified by 2030, Singapore needs about 6,000 facilities management professionals within the next ten years. This undergraduate degree would help in meeting this demand by producing practitioners with the requisite knowledge, skill and competency to manage buildings effectively and optimise the use of resources (such as energy and water) in the operation of buildings.

The Need for Events Managers - According to the Singapore Tourism Board, Singapore’s MICE (Meetings, Incentives, Conventions & Exhibitions) sector is a key growth area of the tourism industry. This undergraduate degree would help in meeting this demand for events managers, and equipping them with the requisite knowledge, skill and competency to plan, create and manage unique and memorable events.

Graduates with a degree in Facilities and Events Management will be well-equipped to pursue successful careers in facilities or events/hospitality management.

**SCHOOL OF SCIENCE AND TECHNOLOGY Core (Compulsory Courses)**

<table>
<thead>
<tr>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Factors and Systems Design</td>
<td>Sustainable Society Through Innovative Technology</td>
<td>Strategic Management of Technology</td>
</tr>
</tbody>
</table>

**Compulsory Courses**

<table>
<thead>
<tr>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building Services</td>
<td>Event Planning, Creation and Management</td>
<td>Building Diagnostics</td>
</tr>
<tr>
<td>Construction Technology</td>
<td>Procurement Management</td>
<td>Energy Management and Audit</td>
</tr>
<tr>
<td>Contract Administration</td>
<td>Venue and Space Management</td>
<td>Green Building Assessment Standards</td>
</tr>
<tr>
<td>Materials Technology</td>
<td></td>
<td>Hospitality and Tourism Management</td>
</tr>
<tr>
<td>Fire Safety Management</td>
<td></td>
<td>Logistics and Site Operations</td>
</tr>
</tbody>
</table>

**Honours Courses**

<table>
<thead>
<tr>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capstone Project (10 cu)</td>
<td>Building and Events Regulations and Compliance</td>
<td>Geospatial Applications and Analysis</td>
<td>Building and Events Regulations and Compliance</td>
</tr>
<tr>
<td></td>
<td>Services Marketing</td>
<td>Safety Management and Audit</td>
<td>Services Marketing</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Building Information Modelling for Facilities Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Operations &amp; Maintenance of Building Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Strategic Asset, Property and Facilities Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Energy Efficiency in Buildings</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>F&amp;B Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Indoor Environmental Quality</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Leisure and Attractions Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Quality Management Systems</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Renewable Energy Systems</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Special and Mega Events</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Software Applications in Events and Facilities Management (10 cu)</td>
</tr>
</tbody>
</table>
Programme Overview

Human Factors (also known as ergonomics) is concerned with how people interact with technology, and how their physical and operational environments affect them. It is the study of the capabilities and limitations of people applied to the design of systems, products and work environments to ensure that people are safe and healthy at work and are also able to perform effectively and efficiently.

This Human Factors in Safety programme covers key knowledge and skills in both the Human Factors discipline and Workplace Health and Safety. You will be equipped with knowledge on the variability of human characteristics (age, size, strength, sensory and cognitive ability, prior experience, expectations and goals, etc.) and the complexities of technologies and work processes, and organizational contexts. You will learn how to analyze and control Workplace, Safety and Health (WSH) hazards, understand various safety and risk management systems, perform and report on WSH audit and investigate workplace accidents. You will also be armed with knowledge on how to evaluate and design or redesign equipment, workplaces, environments and systems to improve safety, health, performance and satisfaction using human factors principles and methodology.

Students are required to complete a total of 130 credit units (cu) to graduate with a basic degree, inclusive of 10 cu of university core courses. All courses are 5 cu unless stated otherwise.

This programme is recognised by Singapore Ministry of Manpower for WSH Officer registration.

Whom is this for?

Those looking to join the WSH workforce to play a role in raising the work safety standards in Singapore.

WSH professionals wanting to further upgrade their knowledge and skills in WSH and in Human Factors.

Those currently working in industries that require them to be involved in ensuring TOTAL WSH - Workers’ Safety and Health - but have little or no human factors engineering or ergonomics knowledge.

Those who wants to know how to apply HF principles to design products, systems and services to improve USABILITY and USER EXPERIENCE.

Those who are simply interested to learn more about people – e.g., how we process information and make decisions, why we make mistakes or what motivates us, etc. - and looking for practical applications for such knowledge.
As Singapore aims to be one of the safest countries in the world to work in, this means that there is a growing need for Workplace, Safety and Health professionals in Singapore.

Mr. Gan Kim Yong, Acting Minister for Manpower, made the following statement at the BizSafe Convention, 2009, “Currently, we have only over 4,000 trained WSH Professionals. My Ministry has projected that we need to grow the size of the local pool of WSH professionals to 19,000-strong by 2018”. Getting a degree in this discipline will give you the first step in moving into this profession.

**CAREER PROSPECTS**

As Singapore aims to be one of the safest countries in the world to work in, this means that there is a growing need for Workplace, Safety and Health professionals in Singapore.

Mr. Gan Kim Yong, Acting Minister for Manpower, made the following statement at the BizSafe Convention, 2009, “Currently, we have only over 4,000 trained WSH Professionals. My Ministry has projected that we need to grow the size of the local pool of WSH professionals to 19,000-strong by 2018”. Getting a degree in this discipline will give you the first step in moving into this profession.

**SCHOOL OF SCIENCE AND TECHNOLOGY**

**TOTAL 20 CU**

**LEVEL 1**

- Human Factors and Systems Design
- Principles of Project Management

**LEVEL 2**

- Sustainable Society Through Innovative Technology

**LEVEL 3**

- Strategic Management of Technology

**EXPLANATORY NOTES**

1 Courses accredited by Ministry of Manpower as “structured activities” for Workplace Safety and Health officer to obtain SDUs for certificate renewal.
BSc INFORMATION AND COMMUNICATION TECHNOLOGY

BSc INFO-COMM TECHNOLOGY WITH MILITARY STUDIES

BSc INFO-COMM TECHNOLOGY WITH SECURITY STUDIES

PROGRAMME OVERVIEW

This programme covers the study of technology that handles information and enables communication. A key feature of these programmes is the incorporation of industry certification and practitioner-oriented courses. Students are provided with a strong theoretical foundation in the various technologies related to the handling, processing, and communication of information. Graduates will be industry-ready and well-prepared for a multitude of careers in the infocomm industry.

Students are required to complete a total of 130 credit units (cu) to graduate with a basic degree, inclusive of 10 cu of university core courses. All courses are 5 cu unless stated otherwise.

Students in this programme are automatically members of the Singapore Computer Society Student Chapter.

You may pursue this programme as a simple subject, or in combination with a minor in Military Studies or Security Studies.

WHOM IS THIS FOR?

Students who have a keen interest in areas related to Infocomm Technology and wish to pursue a career in ICT.

CAREER PROSPECTS

Prepares graduates to embark on a technical career in areas such as:

- Software Development
- Systems Analysis
- System/Network Administration
- IT Project Management
SCHOOL OF SCIENCE AND TECHNOLOGY CORE (COMPULSORY COURSES)

LEVEL 1
- Human Factors and Systems Design
- Principles of Project Management

LEVEL 2
- Sustainable Society Through Innovative Technology

LEVEL 3
- Strategic Management of Technology

COMPULSORY COURSES (TOTAL 80 CU)

LEVEL 1
- Introduction to Computer Systems Architecture
- Introductory Programming and Object Oriented Concepts Using Java

LEVEL 2
- Further Programming and Object Oriented Concepts Using Java
- Foundations of Modern System Design
- System Modelling in Object Oriented Design and Analysis
- Computer Communication - Data Communications
- Computer Communication - Computer Networking
- Encryption Techniques and Systems Security
- Internet Security
- Management Information Systems
- Enterprise Systems and Integrated Business Process

LEVEL 3
- Database Systems: Modelling and Design
- Database Systems: Implementation and Administration
- Fundamentals of Concurrent Systems
- Concurrent Systems and Applications
- Object-Oriented Software Engineering: Analysis and Design

ELECTIVE COURSES (TOTAL 20 CU)

LEVEL 2
- Oracle Certified Associate (10 cu)
- Red Hat System Administration (10 cu)
- Introductory Programming Techniques in C++
- Object-Oriented Programming in C++
- IT Service Management Fundamentals

LEVEL 3
- Information Security Management
- IT Project Management (10 cu)
- Cloud Computing: Business Case and Technical Models
- Cloud Computing: Standards, Implementation and Security

Total 20 cu

Explanatory Notes

1. Students are to complete 20 cu of elective courses.

Strive for what you like to do and go for it!

KOR HUI HUA CANNIE
Student
BSc Information and Communication Technology
The added specialisation in SAP’s ERP software will ensure graduates are industry-ready and well-prepared for a multitude of careers in the infocomm industry and IT end-user organisations.

Students are required to complete a total of 170 credit units (cu) of courses, inclusive of 10 cu of university core courses in order to graduate. Graduating students who meet the eligibility criteria for an Honours classification will be awarded an Honours degree based on aggregate academic performance measured by the cumulative grade point average (CGPA) assessed throughout the degree programme. All courses are 5 cu unless stated otherwise.

Students in this programme are automatically members of the Singapore Computer Society Student Chapter.

This unique programme incorporates technical IT and business-specific courses, together with specialised Enterprise Resource Planning (ERP) courses from SAP, the world-wide leader of ERP software. The changing needs of today’s challenging business environment provide a growing demand for graduates who are versatilists with sound business knowledge and strong IT technical skills to handle technology as well as manage functional processes.

This programme is for students who have an interest in both Business and ICT specialising in enterprise resource planning.

Prepares graduates to take up positions such as:

- Business Analyst
- ERP Solution Consultant
- Systems Integrator
**SCHOOL OF SCIENCE AND TECHNOLOGY CORE**

<table>
<thead>
<tr>
<th>LEVEL 1</th>
<th>LEVEL 2</th>
<th>LEVEL 3</th>
<th>LEVEL 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Organisational Behaviour</td>
<td>□ Contract and Agency Law</td>
<td>□ Sustainable Society Through Innovative Technology</td>
<td>□ Database Systems: Modelling and Design</td>
</tr>
<tr>
<td>□ Introductory Programming and Object Oriented Concepts Using Java</td>
<td>□ Further Programming and Object Oriented Concepts Using Java</td>
<td>□ Strategic Management of Technology</td>
<td>□ Database Systems: Implementation and Administration</td>
</tr>
<tr>
<td>□ Foundations of Modern System Design</td>
<td>□ System Modelling in Object Oriented Design and Analysis</td>
<td>□ Computer Communication - Data Communications</td>
<td>□ Capstone ICT Project (10 cu)</td>
</tr>
<tr>
<td>□ Managerial Accounting</td>
<td>□ Operations Management</td>
<td>□ IT Project Management (10 cu)</td>
<td></td>
</tr>
</tbody>
</table>

**COMPELLARY COURSES**

**LEVEL 1**

- Organisational Behaviour
- Introductory Programming and Object Oriented Concepts Using Java
- Foundations of Modern System Design
- Computer Communication - Data Communications
- Computer Communication - Computer Networking
- Management Information Systems
- Enterprise Systems and Integrated Business Process
- Business Analysis (10 cu)
- Financial Accounting
- Marketing Mix Management

**LEVEL 2**

- Further Programming and Object Oriented Concepts Using Java
- System Modelling in Object Oriented Design and Analysis
- Management Information Systems
- Business Analysis (10 cu)
- Financial Accounting
- Marketing Mix Management

**LEVEL 3**

- Database Systems: Modelling and Design
- Database Systems: Implementation and Administration
- Capstone ICT Project (10 cu)

**SAP MODULE\(^1\)**

- SAP Financials-Financial Accounting
- SAP Financials-Management Accounting
- SAP Procurement
- SAP Order Fulfillment
- SAP Manufacturing

**ELECTIVE COURSES**

**LEVEL 1**

- Managerial Accounting

**LEVEL 2**

- Operations Management
- Financial Management
- IT Project Management (10 cu)

---

\(^1\) SAP Module can only be taken after 1st semester.
Students will learn to appreciate and understand the language of mathematics as well as learning logical and critical thinking skills that can be applied to formulate and solve real-life problems. The Mathematics degree programme is suitable for those who intend to teach Mathematics, or to use mathematics in a professional way in fields such as IT, Engineering, Management Science, Finance, etc.

The programme prepares students with a firm foundation in pure mathematics, applied mathematics and statistics. Students will then have the opportunity to study such topics in further detail, including topics in diverse areas such as financial mathematics, fluid mechanics and number theory.

Students are required to complete a total of 130 credit units (cu) to graduate with a basic degree, inclusive of 10 cu of university core courses. All courses are 5 cu unless stated otherwise.

Those who wish to acquire mathematical content that develops a rich and fascinating skill set.

Mathematics can and is often studied for its own merit and so offers graduates a personal and fascinating insight into the very fabric of reasoning as well as imparting graduates strong analytical skills that can be exploited in many diverse areas such as teaching, research, finance, management, logistics, computing and so on.

A Singapore University of Social Sciences mathematics degree is the ideal first degree. It prepares you with strong quantitative/analytic and problem solving skills which are highly sought after in many diverse fields including finance, management, logistics, research, computing, IT and of course, teaching.
<table>
<thead>
<tr>
<th>COMPULSORY COURSES</th>
<th>TOTAL 70 CU</th>
<th>ELECTIVE COURSES</th>
<th>CHOOSE 50 CU</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LEVEL 1</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Discrete Mathematics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Transformations and Matrices</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Calculus and Statistics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Calculus and Algebra</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LEVEL 2</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Analysis I – Limits, Sequences and Series</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Analysis II – Power Series and Calculus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Linear Algebra</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Introduction to Group Theory</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Fundamentals of Mathematical Methods and Mechanics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Fundamentals of Mathematical Modelling</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Further Mathematical Methods and Mechanics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Numerical Methods and Advanced Calculus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Fundamentals of Statistics and Probability</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Statistical Methods and Inference</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LEVEL 3</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Fundamentals of Complex Analysis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Applied Complex Analysis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Principles of Graph Theory</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Applications of Graph Theory</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Principles of Applied Probability</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Further Applied Probability</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Principles of Regression Analysis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Applications of Regression Analysis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Nonlinear Optimisation Methods and Applications</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Linear Optimisation Methods and Applications</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Number Theory</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Mathematical Logic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Advanced Mathematical Methods</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Mathematics of Fluids</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LEVEL 4</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Topology of Euclidean Spaces</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Analysis in Euclidean and Metric Spaces</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Explanatory Notes**

1 Students are to complete at least 30 cu from level 3.
Students who perform well academically in the basic degree programme may be invited to pursue the Honours programme, which will be offered only if the requisite number of students sign up for it. Graduating students who meet the eligibility criteria for an Honours classification will be awarded an Honours degree based on aggregate academic performance measured by the cumulative grade point average (CGPA) assessed throughout the degree programme.

To graduate with a basic degree, students are required to complete a total of 130 credit units (cu) of courses, inclusive of 10 cu of university core courses. Students are required to complete a total of 170 credit units (cu) of courses, inclusive of 10 cu of university core courses in order to graduate from the Honours programme. Graduating students who meet the eligibility criteria for an Honours classification will be awarded an Honours degree based on aggregate academic performance measured by the cumulative grade point average (CGPA) assessed throughout the degree programme. All courses are 5 cu unless stated otherwise.

Students in this programme are automatically members of the Singapore Computer Society Student Chapter.

BSc MULTIMEDIA TECHNOLOGY AND DESIGN

PROGRAMME OVERVIEW

This programme trains creative media technologists for the burgeoning multimedia industry. Its multi-disciplinary framework anchors students through foundational mastery in key knowledge areas, and then equips them with the requisite specialist know-how and skills in strategic areas of expertise, including electronic media systems, computing/IT, multimedia networks, as well as media communication.

WHOM IS THIS FOR?

Students who are looking to earn a qualification to work in the multimedia industries.

CAREER PROSPECTS

Graduates may work as multimedia specialists, graphic artists, photographers, designers, audio and video producers, computer game designers, mobile phone app developers or even teach multimedia topics in schools.

Working professionals who wish to upgrade their knowledge and skills in multimedia technology.
### SCHOOL OF SCIENCE AND TECHNOLOGY Core

<table>
<thead>
<tr>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Human Factors and Systems Design</td>
<td>□ Sustainable Society Through Innovative Technology</td>
<td>□ Strategic Management of Technology</td>
</tr>
</tbody>
</table>

### Compulsory Courses Total 70 cu

<table>
<thead>
<tr>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Discrete Mathematics</td>
<td>□ Introductory Programming Techniques in C++</td>
<td>□ Applications of Multimedia Networks</td>
</tr>
<tr>
<td>□ Transformation and Matrices</td>
<td>□ Application of C++ in Multimedia</td>
<td></td>
</tr>
<tr>
<td>□ Digital Photography Technology</td>
<td>□ Fundamentals of Graphics Design</td>
<td></td>
</tr>
<tr>
<td>□ Digital Photography Techniques</td>
<td>□ Advanced Graphics Design</td>
<td></td>
</tr>
<tr>
<td>□ Creative Design Fundamentals</td>
<td>□ Audio Technology</td>
<td></td>
</tr>
<tr>
<td>□ History of Media</td>
<td>□ Video Technology</td>
<td></td>
</tr>
</tbody>
</table>

### Elective Courses Total 20 cu

#### Level 1

| □ Human Factors and Systems Design | □ Principles of Project Management | □ Sustainable Society Through Innovative Technology | □ Strategic Management of Technology |

#### Level 2

| □ Audio and Video Production Techniques | □ Interactive Digital Animation | □ Computer Games Design | □ Computer Music Composition Techniques |
| □ Advanced Audio Music Technology | □ Computer Interactive Graphics | □ Virtual Reality Systems | □ Application Development for Mobile Computing Device (iPhone) |
| □ Visual Effects Design | □ Multi Camera Production Principles | □ Television Studio Production | □ Media Programming |
| □ Television Content Strategy | |

#### Level 3

| □ Capstone Multimedia Technology Project (10 cu) |

---

**Explanatory Notes**

1. Students are to complete 30 cu of elective courses for basic degree and 60 cu of elective courses for honours degree.
2. Only students in the honours programme may take the Capstone Project.
**How does the school prepare you for the real world?**

I have gained many hands-on experiences related to my field of study, such as handling cameras and production equipment, which are very useful for my job in the real world. Working full-time and studying part-time has taught me how to manage work, school, family and personal time, focus on what I do and prioritise the important things in life well.

**When was your happiest moment in school and how did it happen?**

It was during my photography course in year 1 when I was encouraged to take part in a photography competition, and I managed to win an award. It was displayed at the university. That was a really happy and great achievement for me. Certainly, many thanks to my lecturer for his guidance and help throughout the competition.

**How do you juggle between work and school?**

The basic is always about making a proper timetable, being aware of the deadlines you have to meet such as your quizzes and assignments. Start early and progress a bit every day, so that you can allow yourself to do a good job, instead of a last minute rushed job. Always plan your timetable to finish tasks 2-3 days ahead of your deadlines so that you have time to fallback on if anything goes wrong.

**How does the programme help you in your current work?**

It has given me the right knowledge and confidence to start my freelance business, which I am aiming to make it big in the future. It has strengthened my time management skills to work, study, run a business and manage a family at the same time.

**Kalarani**  
Student  
BSc Multimedia Technology and Design
PROGRAMME OVERVIEW

The School of Science and Technology (SST) provides students with an empowered, profession-centric education that is rigorous and relevant through its various programmes, grounding them in specialized professional competency. To augment this and to enhance the marketability, employability and competency of our graduates, we offer the SST core, which consists of four modules. The SST core is intended to groom students into corporate leaders who are able to THINK, LEAD and EXECUTE in a way that is socially responsible, steering their organizations to navigate the ever-changing business environment with success. Our graduates, the next generation of corporate leaders in the fields of technology, will contribute to the triple-bottomline (TBL) considerations of PEOPLE, PLANET and PROFIT for our economy.

Principles of Project Management provides insights to help students LEAD and EXECUTE management projects to meet their industry/company needs.

Human Factors and Systems Design and Sustainable Society through Innovative Technology implement the PEOPLE and PLANET aspects of triple-bottomline (TBL).

Strategic Management of Technology applies Systems and Design Thinking Concepts to the analysis of strategic management issues. Students will gain a general management perspective on integrating technology and strategy, training them to strategize (THINK) while taking into account the TBL consideration of PROFIT. Taken together, the SST Core transforms SST’s graduates into responsible corporate leaders for the global economy.
Students admitted into Singapore University of Social Sciences undergraduate programmes must complete 10 credit units (cu) of University Core (UCore) in order to graduate, except for students reading Chinese and Tamil programmes.

The UCore curriculum is designed to provide courses that complement the discipline-based undergraduate curriculum. It comprises 3 baskets of courses; students must complete at least one course from each basket. All courses are 5 cu unless stated otherwise.

**BASKET 1 (COMMUNICATION)**
- Essential Academic Writing Skills (compulsory) (2.5 cu)
- Presenting with Confidence (2.5 cu)
- Business Chinese (2.5 cu)

**BASKET 2 (SKILLS)**
- Critical, Creative and Systems Thinking (2.5 cu)
- Executive Action Learning (2.5 cu)
- Lead and Influence (2.5 cu)
- Managing Your Personal Finances (2.5 cu)
- Negotiation and Relationship Management (2.5 cu)
- Reflection and ePortfolio (2.5 cu)
- Thinking Critically (2.5 cu)

**BASKET 3 (THE WORLD AND I)**
- Abstract Art Appreciation
- Art Appreciation
- Analytics for Decision-Making
- Chinese Economy in Transformation
- Chinese Society in Transition
- Contemporary Dance Appreciation
- Elements of Conveyancing Practice
- Film Genre: Understanding Types of Film
- Fundamentals of Intellectual Property Law in Singapore (2.5 cu)
- Fundamentals of Investing (2.5 cu)
- Government and Politics in China
- Introduction to Animated Film
- Introduction to Critical Media Literacy (2.5 cu)
- Introduction to Film Studies
- Introduction to Social Sciences
- Islam and the Malays

---

**Explanatory Notes**

1. To replace Essential Academic Writing Skills with another course, please show proof that you have successfully completed a similar university-level course at another tertiary institution.

2. Lead and Influence and Negotiation and Relationship Management are compulsory for students who wish to register with Ministry of Manpower as WSH Officer (WSHO) upon graduation.
EVENTS

Singapore University of Social Sciences Supports Continuing Education For SAF Personnel (26 May 2015)

Singapore University of Social Sciences’ Multimedia Students’ First Photography Exhibition (7 March 2016)

Justice Institute of British Columbia Visits Singapore University of Social Sciences (15 October 2015)

Human Factors In Safety Seminar - Safety Culture: Facts, Fiction and Faith (11 January 2013)
AND ACTIVITIES

100 Feet Underground (26 July 2014)
Singapore University of Social Sciences' students accompanied by A/Prof Tan Teng Hooi and Dr Luke Peh to the construction site of the Downtown Line 3 Bendemeer subway station and tunnel project.

Being in the Heart of the Aviation Community

Outward Bound School Leadership and Service Award Recipient Ivan Ang (BEng Aerospace System) (6 to 26 June 2013)

Unlocking Potentials in the Built Environment (18 January 2016)