

SU:SS

SINGAPORE UNIVERSITY
OF SOCIAL SCIENCES

2019 Undergraduate Programmes

BSc
**LOGISTICS AND
SUPPLY CHAIN
MANAGEMENT**

(Part-time Programme)

BSc
**LOGISTICS
WITH MINOR**

(Part-time Programme)

SCHOOL OF
BUSINESS

BSc LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Programme Overview

The BSc Logistics and Supply Chain Management programme offered by the School of Business at Singapore University of Social Sciences (SUSS), aims to develop professionals with the relevant knowledge and skill sets to meet the needs of the industry. This is the first undergraduate programme focused on the study of logistics and supply chain management (SCM) that is offered by a Singapore university. Partnering the Singapore Logistics Association (SLA), the curriculum is designed with a blend of theory and relevant industry practices that will equip students with the means to support the effective management of globalised supply chains operating in increasingly challenging environments.



What is Logistics and Supply Chain Management?

It is hard to imagine any product reaching a customer without logistics support. The drive towards excellence in managing supply chains has become vital for many businesses as supply chain networks become more complex and intricate.

“Logistics is that part of supply chain management that plans, implements, and controls the efficient, effective forward and reverse flow and storage of goods, services and related information between the point of origin and the point of consumption in order to meet customers’ requirements.

Supply chain management encompasses the planning and management of all activities involved in sourcing and procurement, conversion, and all logistics management activities. Importantly, it also includes coordination and collaboration with channel partners, which can be suppliers, intermediaries, third party service providers, and customers.”

Council of Supply Chain Management Professionals

Why Logistics and Supply Chain Management?

These are exciting times for logistics and SCM. Rapid urbanisation and the rise of the affluent middle class in

Asia have led to greater demand for logistics services in the region. Intra-Asian trade is set to increase significantly as Asian countries evolve to become major consumer markets. Increasing economic integration among Asian countries through the ASEAN Economic Community (AEC) and China’s Belt and Road Initiative will further spur demand for logistics services.

The logistics and SCM industry is a key pillar of Singapore’s economy. It has been identified as one of the essential sectors in the government’s SkillsFuture initiative. The sector contributes to about 7% of the nation’s GDP and employs some 189,000 people. Singapore’s status as an international logistics hub with world-class infrastructure, excellent connectivity by sea and air to major markets, and pro-business environment puts us in a strong position to grow this industry further.

The Singapore Logistics Association

www.sla.org.sg

Established since 1973, SLA aims to represent Singapore logistics and is thrust to advance professionalism and excellence to promote high standards in industry practices. Its growing membership of more than 500 business entities today offers a diverse scope of logistics and ancillary support services. As a trade association, SLA seeks to fulfil its objectives in close collaboration and engagement with logistics companies and professionals, institutions and academia, industry organisations and partners, government agencies as well as international organisations and businesses.

The partnership between SLA and SUSS dates back to 28 October 2008 when the first MOU was signed. Both parties recognise the value of co-operation in the area of training and development of the logistics and SCM profession. SUSS plans to continue to train and groom talent while SLA welcomes the BSc in Logistics and Supply Chain Management degree programme as an integral part of its own roadmap to upskill logistics and SCM professionals who are trained and developed by its fully-owned subsidiary, The Logistics Academy.

Practice-based Learning

Our students learn how to develop effective decision-making and problem-solving skills at strategic, tactical and operational levels to manage supply chain assets and flows of products, information and funds through the supply chain. Our teaching team with years of relevant professional experience as well as our extensive industry links ensure that students receive a stimulating and rigorous practice-based learning experience.

Students are able to apply what they learn to actual work scenarios through work-based assignments, case studies, industry talks, site visits, overseas experiential learning and the final-year applied project.

SUSS is one of the top 5 institutions nominated by Supply Chain Asia as Supply Chain Education Institution of the Year 2014.

Our Logistics Footprint

Bhutan Training Programme,
14-21 Dec 2014



Bhutan Immersion in Logistics and Procurement,
20-27 May 2017



Korea Training Programme,
28 June - 5 July 2014



The International Logistics Case Competition,
26 June - 3 July 2016



2018 International Logistics Case Competition,
Rotterdam,
16 Jun-25 Jul 2018



Supply Chain Challenge (since 2012), Singapore:
An annual pre-university case competition organised by SLA, co-organised by SUSS (since 2013), supported by SPRING Singapore, the 5 polytechnics and ITE



Singapore Training Programme,
14-16 June 2013



Tokyo Immersion in Logistics and Design Thinking,
25 Nov - 3 Dec 2016



2017 International Logistics Case Competition,
Tokyo, 24 Jun-1 Jul 2017



Taiwan Immersion in Logistics and Supply Chain Management,
4-10 Mar 2018



Vietnam Training Programme,
26 June - 1 July 2015



Industry Talks: Over 40 guest speakers have shared their rich insights with our students during class. They represent various organisations such as: In□ neon Technologies, NTUC Fairprice, DHL Supply Chain Asia Pacific, Massachusetts Maritime Academy, Cargo Community Network, Singapore Land Authority, FuturMaster S'pore, Yang Kee Logistics, Anglo American, Kolmar S'pore, Mechel Carbon S'pore, SDV Logistics S'pore, Geodis Wilson S'pore, Johnson and Johnson Consumers, Boon Software and Supply Chain Asia.

Site Visits: Our site visits provide □ first-hand views of logistics at work. Sites visited include: CWT Logistics Hub, K-Line's Houston Bridge, Zuellig Pharma, Freight Links, Yokogawa Electric Asia, SATS Airfreight Terminal and Tiger Brewery.

8th International Conference on Logistics and Transport 2016, Singapore: Organised by Centre for Logistics Research at Thammasat Business School (Thammasat University), Excellence Centre in Logistics and Supply Chain Management (Chiang Mai University) and hosted by SUSS.

Messages from Industry Leaders

“Designed to inculcate both knowledge-based insights and practical know-how applications to course students, SUSS’ BSc Logistics and Supply Chain Management programme is part of SLA’s larger game plan to continually nurture and produce future leaders who can develop/expand value-adding logistics solutions to the industry.” (2011)

Mr Kay Kong Swan

Chairman, Singapore Logistics Association

“The proliferation of technologies and trends like big data, Internet of Things, mobile computing and robotics has increased the complexity of global businesses and supply chains. There is thus a need for talented logistics and supply chain professionals to drive innovations and create new solutions for the industry. Since 2009, the SUSS BSc in Logistics and Supply Chain Management programme has played a key role in nurturing and grooming young professionals and leaders for the Singapore logistics industry. Offering a strong foundation in theoretical knowledge and practical skills, graduates of the programme will be well-equipped to meet the challenges in this industry.” (2014)

Mr Jonathan Lim

Director, Transport & Logistics, Enterprise Singapore

“As Singapore moves up the value chain it will require supply chain professionals at all levels. SUSS’ collaboration with SLA in offering a BSc in Logistics and Supply Chain Management provides another avenue for grooming professionals up and into this key sector and complements our own postgraduate Double Master Degree in Logistics and Supply Chain Management.” (2009)

Dr Robert de Souza

Executive Director, The Logistics Institute - Asia Pacific, National University of Singapore

“Our close working relationship with SUSS has seen us co-develop the curriculum for the BSc in Logistics and Supply Chain Management degree programme, initiate the annual Supply Chain Challenge, jointly publish a book on managing logistics and supply chain challenges, among others. I look forward to continue this fruitful collaboration as we work hand-in-hand to produce future-ready talents who can help Singapore achieve its vision of being a global integrated logistics hub.” (2014)

Mr Stanley Lim

Honorary Treasurer, Singapore Logistics Association

“The Hong Kong Logistics Association is a training partner with SUSS to run a 72-hour intensive practical workshop for undergraduate students in July 2014. The exchange programme involves students from Singapore, South Korea and Hong Kong. This unique programme enhances both students’ technical skill as well as provides the global perspective of dealing with supply chain problems in different countries through teamwork. SUSS has taken a proactive approach to participate in this international programme.” (2014)

Ir Dr Owen Yue

Secretary General, Hong Kong Logistics Association

Career Opportunities

The field of logistics and SCM is diverse. The future of the industry is bright - Singapore is well-positioned to plug into the growth in global and regional trade. The multi-disciplinary nature of the BSc Logistics and Supply Chain Management programme provides graduates with an edge to compete successfully in many industries.

Graduates can look forward to challenging career opportunities in industry-specific domains or those that cut across many industries. These can fit many job descriptions such as:

- Logistics Solutions Specialist/Manager
- Logistics Operations Executive/Logistics Programme Manager
- Vertical Specialist/Vertical Product Manager
- Logistics Data Specialist/Operations Specialist
- Logistics Innovation & Process Improvement Manager
- Key Account Executive/Order Management Executive
- Business Development Manager
- Warehouse Operations Executive/Manager
- Inventory Management Executive/Manager
- Project Executive/Manager
- Transport Executive/Transportation Operations Manager
- Import Export Specialist/Manager

Our Outreach through Facebook

Since the pioneer batch (Class of 2012), we have kept in touch with our graduates through the Facebook group – SUSS Logistics and Supply Chain Management Community. This is a platform where members are updated on job opportunities, industry news, site visits, industry talks, events and get-togethers. We welcome our graduates, students, faculty, associates, industry partners and supporters to join us. We have a growing membership of around 700.

Our MOU Partners:



Singapore Logistics Association
Curriculum and talent development to meet needs of Singapore's logistics industry (since 2008)



Royal Institute of Management, Bhutan
Overseas training programmes and research in logistics and procurement (since 2014)



Hong Kong Logistics Association
Overseas training programmes and activities in logistics (since 2015)



Thai Researchers' Consortium on Value Chain Management and Logistics (VCML)
Overseas training programmes and activities in logistics (since 2016)



Vietnam Logistics Research and Development Institute (VLI)
Overseas training programmes and activities in logistics (since 2016)



Feng Chia University
Overseas training programmes and activities in logistics (since 2018)

CURRICULUM

The BSc Logistics and Supply Chain Management programme is designed to provide broad foundational knowledge and skills in business core courses, progressing to applied and specialised subject knowledge in logistics and SCM courses and electives which are aligned with the Skills Framework for Logistics. Students are required to complete a total of 130 credit units (cu) to graduate with a basic degree, inclusive of 10 cu of SUSS core courses. All courses are 5 cu unless stated otherwise. This programme has an honours option. Students who achieved a CGPA of 3.5 and above upon completion of their basic degree may be invited to enrol in the Honours programme. Students who accept the invitation will need to complete another 40 cu of courses to achieve 170 cu in total and have to satisfy all university requirements in order to graduate with honours.

Business Compulsory Courses

Level 1 (Total 20 cu)

- Management
- Organisational Behaviour
- Quantitative Methods
- Statistics

Level 2 (Total 30 cu)

- Business Excellence
- Contract and Agency Law
- Financial and Managerial Accounting
- Financial Management
- Managerial Economics
- Marketing Management

Logistics and Supply Chain Management Compulsory Courses

Level 2 (Total 20 cu)

- Supply Chain Management
- Inventory Management
- Transport Management
- Warehousing and Material Handling

Level 3 (Total 20 cu)

- Information Management for Supply Chains
- Sourcing and Supply Management
- International Trade Law
- Total Quality Management

Level 4 (Total 10 cu)

- Logistics and Supply Chain Management Applied Project (10 cu)

Logistics and Supply Chain Management Elective Courses

Choose any 4 Courses (Total 20 cu)*

- Independent Study
- Air Freight Management
- Ocean Freight Management
- Selected Topics in Logistics and Supply Chain Management
- Port and Terminal Management
- Lean Six Sigma for Supply Chains
- Project Management

* Up to 10 cu of the above electives can be replaced by General Electives, which are courses offered under the General Studies Programme (course pre-requisite applies)

Honours Compulsory Courses

(Total 30 cu)

- Financial Accounting Frameworks (2.5 cu)
- Managing Finance in an Organisation (2.5 cu)
- Managing Sustainable Operations
- Managing and Leading to Achieve Organisational Excellence
- Corporate Governance, Social Responsibility and Enterprise Risk Management
- Strategy for Business (10 cu)

Honours Elective Courses

(Total 10 cu)

Students may read any 10 cu from an Elective Basket comprising Level 3 courses or higher level courses other than courses already completed in their basic undergraduate degrees.

For more information on our BSc Logistics and Supply Chain Management, please visit suss.edu.sg/BLSCM

BSc LOGISTICS WITH INTERNATIONAL TRADE MANAGEMENT

BSc LOGISTICS WITH PROCUREMENT MANAGEMENT

The BSc Logistics with minor degree programmes have the same major-minor structure. Students are required to complete 80 cu of Major courses and 40 cu of Minor courses. The courses in the Logistics Major are designed to provide essential knowledge and skills in both disciplines of business and logistics. Students enrolled in any Minor must complete all Logistics Major courses (80 cu) in the following four baskets:

Level 1 Compulsory Courses

- Management
- Quantitative Methods
- Statistics

Level 2 Compulsory Courses

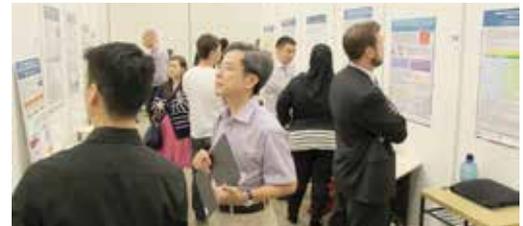
- Contract and Agency Law
- Financial and Managerial Accounting
- Managerial Economics
- Marketing Management
- Supply Chain Management
- Inventory Management
- Transport Management

Level 3 Compulsory Courses

- Financial Management
- Information Management for Supply Chains
- Sourcing and Supply Management
- International Trade Law

Level 4 Compulsory Courses

- Logistics and Supply Chain Management Applied Project (10 cu)



Logistics Project Presentation – the culmination of the LOG488 Applied Project by final year students

The Minor courses are detailed under the respective Minor programmes described as follows.

Minor in International Trade Management

The International Trade Management minor provides logistics students with good functional knowledge and soft skills to support the regional growth of Singapore's wholesale trade, and be proficient with technological developments that affect wholesale trade. The curriculum in the International Trade Management minor is closely aligned with the Skills Future Framework for the Wholesale Trade sector. Students will be equipped with cultural intelligence skills in relating with trading partners and conducting wholesale trade, especially in Asia, and have integrity in their work and in society. The following courses in the Minor are 5 cu.

Minor Compulsory Courses

- IT-Enabled Business Transformation
- International Trade Management
- Trade Operations
- Trade Regulations and Compliance
- Business-to-Business Marketing
- One Overseas Study Mission course

Minor Elective Courses (choose 2 courses)

Sales, Marketing and Business Development Track

- Customer Relationship Management
- Business Negotiation
- Sales Management
- Internet and Social Media Marketing

Finance, Regulations and Analytics Track

- Analytics for Decision-Making
- Total Quality Management
- Financial Instruments, Institutions and Markets
- Trade Finance

Logistics Track

- Warehousing and Material Handling
- Ocean Freight Management
- Air Freight Management

Minor in Procurement Management

The Procurement Management Minor provides logistics students with a good foundation in procurement to support social and economic objectives, to contribute to the organisation's outcomes, and to enhance collaboration among entities in the procurement process. Courses in the Procurement Management minor support the Ministry of Finance's Procurement Competency Framework. Students will be equipped with the necessary skills to strike the right balance between accountability, prudent use of funds and operational efficiency, and uphold integrity in their work and in society. The following courses in the Minor are 5 cu.

Minor Compulsory Courses

- Procurement Operations
- Procurement Ethics and Corporate Social Responsibility
- Supplier Relationship Management
- Category Management and Supplier Evaluation
- Procurement Strategy and Policy
- One Logistics elective course

Minor Elective Courses (choose 2 courses)

- Analytics for Decision-Making
- Data Visualisation for Business
- Fundamentals of Data Mining
- Business Negotiation
- IT-Enabled Business Transformation
- Financial Instruments, Institutions and Markets
- Trade Finance
- Business-to-Business Marketing

For more information on our BSc Logistics with International Trade Management and BSc Logistics with Procurement Management, please visit suss.edu.sg/PT

ADMINISTRATIVE DETAILS

Admissions

You must be a Singapore citizen, permanent resident or a resident in Singapore. In addition, you will need to meet these minimum requirements:

- GCE 'A' level with two passes (prior to 2006) or two H2 passes (from 2006), or local Polytechnic Diploma or International Baccalaureate (IB) Diploma or NUS High School Diploma. Applicants with a Technical Diploma from ITE, or other Diploma qualifications plus an acceptable SAT or ACT (with Writing) score may be considered for admission on a case-by-case basis;
- Two years of full-time work experience, or currently employed on a full-time basis; and
- At least 21 years old.

Some programmes may have additional requirements. Please visit suss.edu.sg/PT and refer to the individual programme pages for details.

Shortlisted candidates may be required to undergo one or more interview(s) and/or take written admission or other evaluation tests.

All applications are considered individually on merit, and the offer of admission depends on the number of places available. Admission is solely at the discretion of Singapore University of Social Sciences.

How to Apply

Applications are to be made online via suss.edu.sg. You must submit all the required documents together with your admission application. Incomplete applications will not be considered.

Tuition Fees and Government Subsidy

The amount of course fee you pay in each semester depends on the number of courses you take in that semester. Course fees cover all study materials, classes, supervision, assignments and examinations. They do not include costs for textbooks and other additional items specified by the university from time to time.

The tuition fee subsidy from the Singapore Government comes in the form of a tuition grant which is administered by the Ministry of Education (MOE) and is offered to eligible students studying for an undergraduate degree with the Singapore University of Social Sciences (SUSS). Singapore Citizens aged 40 and above who are pursuing MOE-subsidised undergraduate programmes with SUSS and who are eligible for the SkillsFuture Mid-Career Enhanced Subsidy will enjoy a higher subsidy.

All Singaporeans aged 25 and above can use their \$500 SkillsFuture Credit from the government to pay for a wide range of approved skills-related courses. Visit the SkillsFuture Credit website (www.skillsfuture.sg/credit) to choose from the courses available on the SkillsFuture Credit course directory.

Please visit suss.edu.sg for current tuition fees and eligibility criteria for the government subsidy and SkillsFuture Mid-Career Enhanced Subsidy.

Internet Access

All Singapore University of Social Sciences' students must have access to a computer or laptop and the Internet in order to use the electronic and website facilities, which allow access to course, academic or administrative information.

Contact Details

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