

 **2020**
Undergraduate Programmes
SCHOOL OF
BUSINESS

BSc
LOGISTICS AND
SUPPLY CHAIN
MANAGEMENT

(PART-TIME PROGRAMME)

BSc
LOGISTICS
WITH MINOR

(PART-TIME PROGRAMME)

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.



Supply Chain Challenge ++ 2019, Singapore

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 237,000 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 flow 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 was one of the top 5 institutions nominated by Supply Chain Asia as Supply Chain Education Institution of the Year 2014.

Our Logistics Footprint

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



Chongqing Immersion in Logistics and Connectivity 2018



Chongqing Immersion in Logistics and Connectivity 2018



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



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



2019 International Logistics Case Competition, Seoul 29 Jun - 6 Jul 2019



Supply Chain Challenge ++ 2019, Singapore

An annual pre-university case competition co-organised by SLA and SUSS, and supported by the 5 polytechnics and ITE



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



Vietnam Training Programme, 26 Jun - 1 Jul 2015



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



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



Industry Talks: Over 40 guest lecturers have shared their rich insights with our students during class. They represent various organisations such as: Yusen Logistics, B2G Consulting, MonsoonSIM Singapore, Air Liquide, Hong Kong Logistics Association, Supply Chain Asia, Infineon Technologies, Futurmaster Singapore, Yang Kee Logistics, Geodis Wilson Singapore, Johnson and Johnson Consumers, Boon Software, Yokogawa Electric Singapore, NTUC Fairprice and Cargo Community Network.

Site Visits: Our visits provide first-hand views of logistics operations in organisations such as: Becton Dickinson Medical, Supply Chain Innovation Lab at Republic Polytechnic, Supply Chain Asia, Borelre Logistics, Jurong Port, AMOS International, Yusen Logistics, Singapore Maritime Academy, Warehouse Logistics Net Asia, Tiger Brewery, SATS Airfreight Terminal, Pasir Panjang Container Terminal, Yokogawa Electric Singapore and Freight Links Logistics.

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.

Message 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 over 700.

Our MOU Partners:



Singapore Logistics Association

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



Hong Kong Logistics Association

Overseas training programmes and activities in logistics (since 2015)



Vietnam Logistics Research and Development Institute (VLI)

Overseas training programmes and activities in logistics (since 2016)



Royal Institute of Management, Bhutan

Overseas training programmes and research in logistics and procurement (since 2014)



Thai Researchers' Consortium on Value Chain Management and Logistics (VCML)

Overseas training programmes and activities in logistics (since 2016)



Feng Chia University

Overseas training programmes and activities in logistics (since 2018)



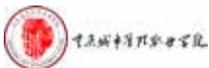
Chongqing University of Education

Overseas training programmes and activities in logistics (Since 2018)



Chongqing College of Humanities, Science and Technology

Overseas training programmes and activities in logistics (Since 2018)



Chongqing City Management College

Overseas training programmes and activities in logistics (Since 2018)



Foreign Trade and Business College of Chongqing Normal University (FTBC)

Overseas training programmes and activities in logistics (Since 2018)

BSc LOGISTICS AND SUPPLY CHAIN MANAGEMENT

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 achieve a CGPA of 3.5 and above upon completion of their basic degree may be invited to enrol in the Honours programme, which will be offered if the requisite number of students is met. 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 an Honours degree.

CURRICULUM

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
- Essentials of 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-requisites apply)

Honours Compulsory Courses

(Total 25 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 15 cu)

Students may read any 15 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 MINOR

The BSc Logistics with Minor programme is designed to provide essential knowledge and skills in business and logistics, yet allow students to be exposed to a minor discipline from a diverse range. Students are required to complete a total of 130 cu to graduate with a basic degree, inclusive of 10 cu of SUSS core courses, 80 cu of Major courses and 40 cu of Minor courses. Students enrolled in any Minor must complete all Logistics Major courses.

CURRICULUM

Logistics Major Compulsory Courses

Level 1 (Total 15 cu)

- Management
- Quantitative Methods
- Statistics

Level 2 (Total 40 cu)

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

Level 3 (Total 15 cu)

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

Level 4 (Total 10 cu)

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

Minor Courses

For more information on the minor courses, please visit suss.edu.sg/part-time-undergraduate/minor-courses



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

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 the 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

Our tuition fees are on par with those of other local universities. The amount of course fees you pay in each semester depends on the number of courses you take in that semester. The course fees cover all study materials, classes, tutor supervision, assignments and examinations. They do not include fees for textbooks and other additional items specified by SUSS from time to time.

The Tuition Fee Subsidy (TFS) from the Singapore Government comes in the form of a tuition grant administered by the Ministry of Education (MOE) and is offered to all eligible admitted students studying for part-time undergraduate programmes at 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 SUSS students must have access to a computer/laptop and the Internet in order to use the electronic and website facilities which allow access to course, academic and administrative information.

✉ student_recruitment@suss.edu.sg

☎ 6248 9777

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