About the NUS Departments & Institute

This is a programme jointly offered by The Logistics Institute–Asia Pacific (TLI – Asia Pacific), the Department of Industrial and Systems Engineering (ISE), Faculty of Engineering, and the Department of Decision Sciences (DS), NUS Business School.

TLI–Asia Pacific is a collaboration between National University of Singapore (NUS) and Georgia Institute of Technology (Georgia Tech) for research, education and industry outreach in global logistics. TLI – Asia Pacific has wide industry recognition as a leading institute in providing professional short courses in logistics in Singapore and the Asia Pacific region. It has been awarded "Best Educational Course Provider" at the Asian Freight & Supply Chain Awards (AFSCA) from 2003 to 2013, "Supply Chain Education Institution of the Year Award" at the Supply Chain Asia Awards from 2009 to 2011 and 2014, and "Best Educational Course Provider * at the Asian Freight, Logistics & Supply Chain Awards (AFLAS) in 2016.

The DS Department is well-known internationally as a research centre of excellence in supply chain management and logistics. It has been responsible for the quantitative dimension of business school education at NUS Business School, particularly in Analytics, Operations Research and Supply Chain Management.

The ISE Department, established in 1972, has been offering the M.Sc. (Industrial & Systems Engineering) since 1989 as the first Master of Science degree in engineering in Singapore. It has been a highly successful graduate course work programme with high-quality student intake and has produced more than 1,997 graduates to-date, many of whom have become senior industry leaders.

Endorsement given by Singapore Government Agencies:

"The Logistics Institute–Asia Pacific is well positioned as the leading strategic think tank on Logistics and Supply Chain Management in Asia Pacific. Its education, research and industry engagement programmes have and will indeed continue to strengthen Singapore’s thought leadership position."

Kelvin Wong, Director, Logistics, Singapore Economic Development Board (2010)

"This programme is aligned to the strategic development of Logistics WSQ framework. The right mix of quality programme within sights today’s ever-changing logistics landscape will not only retain current talent but also help attract new talent into the industry. It will also narrow the skills gap for today’s workforce in logistics and supply chain."

Julia Ng, Director, Manufacturing & Construction Division, Singapore Workforce Development Agency (2010)

"This programme is aligned with our long-term plans to upgrade the capability of the logistics industry. Moving forward, the industry would require competent individuals with superior supply chain and logistics know-how. Strengthening the talent pool would certainly help to transform and grow our logistics and supply chain sector."


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The Logistics Institute–Asia Pacific (TLI – Asia Pacific), the Department of Industrial and Systems Engineering (ISE), Faculty of Engineering, and Department of Decision Sciences (DS), NUS Business School. It is endorsed by Singapore’s Economic Development Board (EDB), Workforce Development Agency (WDA), and SPRING Singapore, Singapore’s national productivity and standards promotion agency. The M.Sc. (SCM) programme covers topics in logistics and supply chain management, business analytics, operations management, and systems engineering with the aim to develop graduates with a comprehensive skill set for planning, designing and operating modern global supply chains.

Since its inception in 2011, the programme has attracted a good mix of both local and international students. Upon successful completion of the programme, M.Sc. (SCM) graduates will be well equipped with knowledge of global logistics, supply chain analytics and industrial and systems engineering to take on a challenging career in the logistics and supply chain industry.

Special emphasis is placed on applying decision and analytical methodologies to solve real-world problems, and hence the industry project module (LI5001) will develop graduates to work effectively in the logistics and supply chain industry. This is complemented with industrial site visits to logistics and supply chain facilities of local and multinational companies with operations in Singapore.

The M.Sc. (SCM) is ideal for mid-career professionals who are keen to advance themselves in a career in the logistics and supply chain industry. Successful candidates for the M.Sc. (SCM) programme are graduates with a good honours degree equivalent to an Honours (with Merit) degree from National University of Singapore in engineering, mathematics, computing, science, business administration, or other relevant technical disciplines. Those with at least 2 years of working experience in the logistics/supply chain management industry will be considered favorably under discretionary admission.

The M.Sc. (SCM) programme is open to both full-time and part-time students. Graduation requirements include satisfactory completion of three core and five elective coursework modules and an industry-based Research Project. Maximum candidatures for full-time and part-time students are two years and four years (4 and 8 semesters) respectively. However, full-time candidates typically take two to three semesters to graduate while part-time candidates typically take four to five semesters to graduate.

The Master of Science in Supply Chain Management (M.Sc. SCM), programme is an inter-faculty degree programme jointly offered by The Logistics Institute – Asia Pacific (TLI – Asia Pacific), Department of Industrial and Systems Engineering (ISE), Faculty of Engineering, and Department of Decision Sciences (DS), NUS Business School.
Forecasts indicate that by 2030, Asia’s economy will be larger than that of the United States and the European Union combined, with the region’s share of world GDP increasing from about 30% to more than 40%. The increased importance of intra-regional trade in combination with high GDP growth rates will likely transform the region into the most important in the world.

As a key node in Asia and home to over 3,000 logistics and supply chain companies, Singapore will reap the benefits of the industry’s expansion. Companies are scaling up their operations in Singapore leveraging on its strengths to offer solutions to address their customers’ logistics and supply chain needs. As the industry expands, it will conjure fresh opportunities for professionals with the knowledge and skills to respond to the industry’s demands.

The M.Sc. (SCM) programme admits students in two intakes each year, in January and in August. The primary intake in January admits both full-time and part-time candidates, while the secondary intake in August admits only part-time candidates. Applications open in January for the primary intake and in July for the secondary intake.

Application Information

The M.Sc. (SCM) programme admits students in two intakes each year, in January and in August. The primary intake in January admits both full-time and part-time candidates, while the secondary intake in August admits only part-time candidates. Applications open in January for the primary intake and July for the secondary intake.

Singapore Ministry of Education (MOE) subsidies are available for qualified applicants.

Further information on the programme as well as the application procedure can be found at www.tliap.nus.edu.sg/mscm.

Admission Requirements

Interested applicants with good honours degrees in engineering, science, mathematics, computing, business administration, or other relevant technical disciplines are invited to apply and those with at least 2 years of working experience in the logistics/supply chain management industry will be considered favorably under discretionary admission.

Career Prospects in the Logistics/Supply Chain Industry

Singapore has been ranked by the World Bank as the top Logistics Hub in Asia in the Logistics Performance Index. Singapore’s strategic location in the heart of Southeast Asia and at the nexus of major shipping lanes has made it an important logistics hub and conduit for world trade.

Today, Singapore is a prime location for major logistics firms, with 20 of the top 25 global logistics players conducting operations here. Most have set up regional or global headquarter functions in Singapore.

According to the Organization for Economic Cooperation and Development (OECD), the global economy is expected to accelerate gradually if countries implement growth-supportive policies. Growth will be strongest in Asia, one of the most buoyant regions in the world.

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