



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

DEPARTMENT OF INDUSTRIAL AND SYSTEMS ENGINEERING
工業及系統工程學系



MASTER OF SCIENCE IN INDUSTRIAL LOGISTICS SYSTEMS



持續進修基金
Continuing Education Fund

PROGRAMME CODE: FULL-TIME (45100-MLS)/PART-TIME (45100-ML)

This programme is accredited by
The Chartered Institute of Logistics and Transport (HK) and
The Hong Kong Logistics Association



INTRODUCTION

This postgraduate programme is suitable for people working in both manufacturing and service sectors. It is primarily concerned with planning, coordinating, and controlling of resources and information involved in the flow of goods and services from source to customers. It provides participants with the knowledge and skills appropriate for diagnosing problems and formulating strategic solutions that use information in the design, planning, and organization of industrial logistics systems.

PROGRAMME AIMS

- To provide students with the use of information technology and managerial approaches in improving inbound logistics, production and outbound logistics so as to create value for the customers.
- To provide an opportunity for executives who graduated from engineering and other disciplines for obtaining additional expertise involved in the production of goods and services and delighting the customers.
- To develop students' creativity and problem solving knowledge and skills appropriate for the management of information and use of knowledge in systems engineering for logistics planning and control.

PROGRAMME STRUCTURE

- 4 compulsory subjects AND
 - At least 1 core, and at most 2 electives subjects, and a Dissertation
- OR
- At least 3 core (incl. the field trip study ISE550), and at most 3 elective subjects

Each subject carries 3 credits with the exception of the dissertation (9 credits). For an award of MSc in Industrial Logistics Systems, students must accumulate a total of 30 credits.

TUITION FEES *(Subject to review)*





- HK\$ 5,870 per credit for local students
- HK\$ 6,600 per credit for non-local students

DURATION

Study Mode	Normal Duration
Full Time mode	1.5 years
Part-Time mode	2.5 years

COMPULSORY SUBJECTS

Compulsory subjects are normally offered once a year.

- Warehousing and Material Handling Systems (ISE512) 
- Enterprise Resources Planning (ISE526) 
- Logistics Information Systems (ISE527) 
- Supply Chain Management Enabling Technologies (ISE544) 

CORE SUBJECTS


- Optimization Modeling and Applications (ISE5019)
- Workflow Design and Management (ISE518)
- Global Operations and Logistics Management (ISE525) 
- Risk and Crisis Management (ISE548)
- Contemporary Logistics Issues in China (ISE550)
- Business Intelligence and Data Mining (ISE5606)

ELECTIVE SUBJECTS

Subject to the availability of resources and PolyU regulations.

- Simulation of Industrial Systems (ISE507)
- Process and Performance Management (ISE538)
- Technology Entrepreneurship and Innovation in Practice (ISE5026)
- International Logistics Systems, Operations and Management (LGT5002)
- Port Policy and Management (LGT5010)
- Transport Logistics in China (LGT5013)
- Maritime Logistics (LGT5017)
- Aviation Safety Management (LGT5164)

and more....

 Subjects are included in the list of reimbursable courses under the Government Continuing Education Fund (CEF).

ENTRANCE REQUIREMENTS

- A Bachelor's degree or a professional qualifications, or equivalent, is required. (Consideration will also be given to candidates without a degree but with other relevant qualifications supplemented by appropriate working experience.)

English Language Requirement

If applicants are not a native speaker of English, and his/her Bachelor's degree or equivalent qualification is awarded by institutions where the medium of instruction is not English, he/she is expected to fulfil the University's minimum English language requirement for admission purpose:

- A Test of English as a Foreign Language (TOEFL) score of 80 for the Internet-based test or 550 for the paper-based test;

OR

- An overall Band Score of at least 6 in the International English Language Testing System (IELTS).

Individual cases will be considered on their own merit by the departments concerned. Applicants may be required to attend interviews or tests to further demonstrate their language proficiency.

INDUSTRIAL EXPOSURE

Students gain first-hand industry-wide knowledge and exposure through visits to different logistics companies in Hong Kong and Mainland China as well as guest talks by local practitioners in the field.



GEODIS Logistics Centre



Shenzhen Hutchison Inland Containers Depots



HAECO



FIELD TRIP STUDY



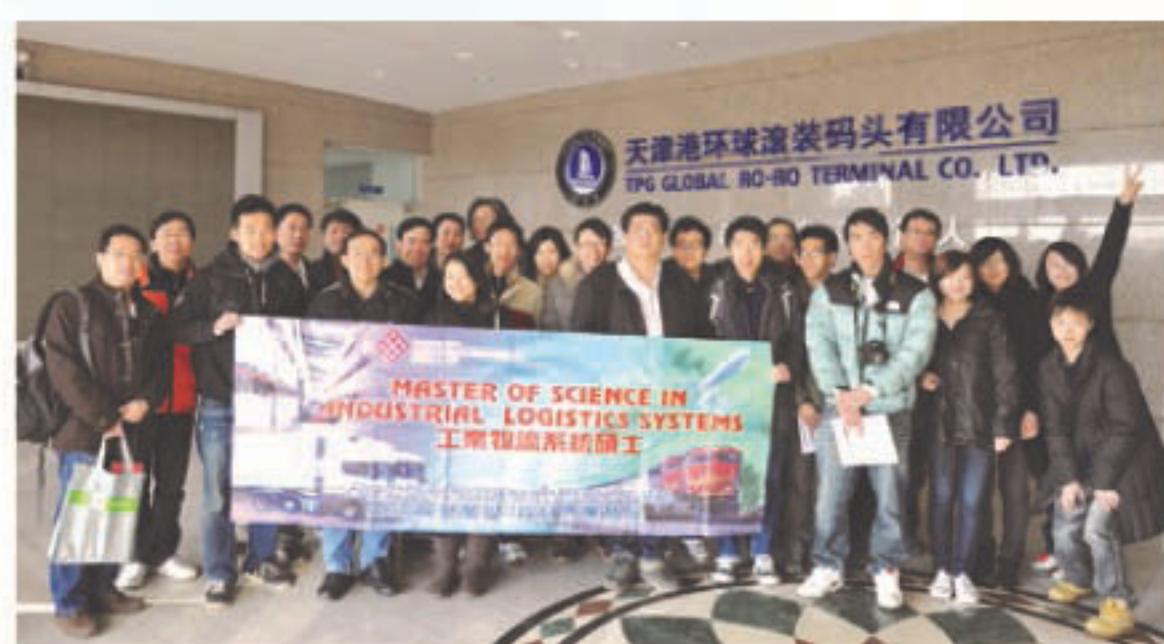
Yanshan Port, Shanghai



LDX Express, Shanghai



China Railway High-Speed Train, Beijing



TPG Global Ro-Ro Terminal Co. Ltd., Tianjin



Dalian Port Container Company, Dalian



Shanghai BAOSTEEL Group Corporation, Shanghai



VANCL, Beijing



Beijing Jointown Pharmaceutical Co. Ltd., Beijing



TangShan CaoFeiDian ShiYe Port Co. Ltd., Beijing

MESSAGES FROM GRADUATES



Alan Ho

This master course not only updates me with the modern logistics knowledge and global business trend but also broadens my visions and horizons. During the study, I also learned a lot from sharing with my teammates in various group projects. Their comprehensive network and professional advice have enhanced the prospect of my career.



Dario Roveri

This programme helps students to enhance their management skills while also clarifying many aspects related to the business environment of manufacturers and logistics providers. As an international student, the MSc in Industrial Logistics Systems Programme has helped me to create and develop my professional network, which is vital for the success of my career in Hong Kong.



PROGRAMME LEADER

Dr. J.Z. Ren

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ENQUIRIES

Ms. Louise Tung

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Fax : (852) 2774 9308

Email : louise.tung@polyu.edu.hk

APPLICATION AND ADMISSION

Online Application : www.polyu.edu.hk/admission

Enquiry Hotline : 2333 0600

In Writing : Academic Registry

The Hong Kong Polytechnic University, Hung Hom, Kowloon

Email : ar.tpg@polyu.edu.hk

Fax : 2334 6671

Website : <https://www.polyu.edu.hk/ise/mscils>

