

# Master of Science in Industrial Logistics Systems

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



持續進修基金  
Continuing Education Fund





## 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

- A compulsory 1-credit subject on Academic Integrity and Ethics (AIE) AND
- 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 31 credits.

### 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.

- Process and Performance Management (ISE538)
- Smart Product-Service Systems (ISE5323)
- Industrial Blockchain and Applications (ISE5333)
- International Logistics Systems, Operations and Management (LGT5002)
- Port Policy and Management (LGT5010)
- Transport Logistics in China (LGT5013)
- Maritime Logistics (LGT5017)

and more....

### TUITION FEES

(Subject to review)

# ENTRANCE REQUIREMENTS

A Bachelor's degree or a professional qualifications, or equivalent, is required.

## 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.



Shenzhen Hutchison Inland Containers Depots



HAECO



GEODIS Logistics Centre



## FIELD TRIP STUDY



Wallenius Wilhelmsen, Beijing



Shanghai BAOSTEEL Group Corporation, Shanghai



Dalian Port Container Company, Dalian



China Railway High-Speed Train, Beijing



Yanshan Port, Shanghai



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

## 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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Email: [jingzheng.jz.ren@polyu.edu.hk](mailto:jingzheng.jz.ren@polyu.edu.hk)

## APPLICATION AND ADMISSION

Online Application: [www.polyu.edu.hk/admission](http://www.polyu.edu.hk/admission)  
Email: [ar.tpg@polyu.edu.hk](mailto:ar.tpg@polyu.edu.hk)  
Enquiry Hotline: 2333 0600  
Fax: 2334 6671  
In Writing: Academic Registry  
The Hong Kong Polytechnic University,  
Hung Hom, Kowloon

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



## ENQUIRIES

### Ms. Louise Tung

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