MSc in Operations Management

2023-2024











CONTENTS

- 02 Why PolyU
- 02 Why PolyU Faculty of Business
- 03 Dean's Message
- 04 Head's Message
- 05 MSc in Operations Management (Mixed-mode)
- 10 Enquiries



WHY POLYU FACULTY OF BUSINESS

- A comprehensive portfolio of academic programmes
- Over 170 world-class scholars including specialists in accounting, finance, logistics, management, marketing, and transport
- Research and specialist centres facilitate single and multidisciplinary studies
- International context and culturally diverse environment
- Network of 52,000 alumni

Accreditations



International Rankings



Clarivate Web of Science 2019-2021: Shipping Research

#25

Times Higher Education (THE) World University Rankings 2022: Business & Economics ShanghaiRanking Global Ranking of Academic Subjects (GRAS) 2022: Management

#63

UTD (University of Texas at Dallas) Top 100 Worldwide Business School Rankings based on Research Contributions 2017-2021



Welcome to the Faculty of Business of PolyU.

Faculty of Business, popularly known as PolyU Business School (PBS), is a world-class business school that offers high-quality academic programmes and leads cutting-edge research in business and related disciplines. We have achieved accreditations from AACSB (The Association to Advance Collegiate Schools of Business) and EQUIS (EFMD Quality Improvement System).

PBS is dedicated to the pursuit of *IDEAS (Innovation-driven Education and Scholarship) with a 3D focus on Discovery, Design and Delivery*. We realise knowledge and technology transfer through educational programmes, as well as partnership and close links with industry and the professional community.

PBS offers a comprehensive portfolio of undergraduate and postgraduate programmes, many of which are recognised by professional bodies in the fields of accounting, finance, logistics, management, marketing and transport. Apart from the BBA, MBA, DBA and specialised master's degrees, there are also research programmes leading to the MPhil and PhD awards.

To maintain currency of our academic programmes and specialist consultancy, faculty members undertake pioneering and impactful research, both within and across their disciplines, facilitated by our Case Consortium and centres for Belt and Road development, branding and marketing, digital transformation, financial technology, leadership and innovation, maritime studies, shipping and logistics, and sustainability and entrepreneurial finance. Our research has been ranked 63rd in the world (*The UTD Top 100 Worldwide Business School Rankings based on Research Contributions 2017-2021*).

We look forward to welcoming you to our community of over 170 world-class scholars from around the world, 4,900 students and 52,000 alumni.

Edwin Chen

Ir Prof. T.C. Edwin Cheng IASCYS Academician, FHKEng, ScD, PhD Dean, Faculty of Business Fung Yiu King – Wing Hang Bank Professor in Business Administration Chair Professor of Management



Welcome to the postgraduate programmes offered by the Department of Logistics and Maritime Studies of the Faculty of Business at The Hong Kong Polytechnic University.

As the region's leading provider of education in logistics, maritime, supply chain and operations management, PolyU has built academic strength and reputation in the field. We have created four research centres – C.Y. Tung International Centre for Maritime Studies, PolyU Maritime Library and Research & Development Centre, Logistics Research Centre and Shipping Research Centre – to further our mission to provide high quality research and education. Our postgraduate programmes, taught by highly qualified academics and drawn on their research and consultancy service experience, will prepare you to contribute to Hong Kong's and the Mainland's future development in the related sectors.

The Faculty of Business combines the best of both worlds of academia and real business. The curriculum of our programmes embraces a sound balance of academic theories and practical applications. We have worked closely with leading professionals in Hong Kong's logistics and maritime industries to develop these programmes so as to enhance their relevance to today's ever-evolving business world.

Our Faculty is ranked 63rd in the world, according to the University of Texas at Dallas (UTD) Top 100 Worldwide Business School Rankings based on research contributions to 24 leading business journals between 2017 and 2021. Join us for a unique learning experience in logistics, maritime, and operations management. You will be better equipped for future challenges.

Prof. Andy C.L. Yeung Head and Chair Professor of Operations Management Department of Logistics and Maritime Studies

MSc in OPERATIONS MANAGEMENT (Mixed-mode)

Programme Code: MSc: 44092-OFM (Full-time) 44092-OPM (Part-time)

Programme Director: Dr Pan Kai

Academic Advisor: Prof. Edward Lee

Aim

This programme provides non-business graduates with the foundation they need in the main functional areas of management, and offers graduates in all disciplines in-depth training in operations management.

Features

- Operations management in services and manufacturing
- Resources management in private and public sectors
- Quantitative techniques, decision-making, quality management, resource planning, information technology, and e-commerce
- Development of ability to contribute in a cross-functional team environment
- Independent investigation into specific management problems

Professional Recognition

- Six Sigma Institute (SSI)
 - SSI's Green Belt
 - SSI's Black Belt
 - SSI's Lean Leader



2022 / 23 Intake by Sector

2022 / 23 Intake by Role



Structure (subject to review)

MSc students complete 4 Compulsory Subjects, 3 Specialised Subjects in one of the specific streams, 1 Restricted Elective Subject and 2 Free Elective Subjects (30 credits). The three streams are Operations Analytics, Quality Management, and Operations Strategy.

Students may graduate with a Postgraduate Diploma upon completing 4 Compulsory Subjects and 3 Specialised Subjects (21 credits).

Compulsory Subjects

(4 subjects - 12 credits)

- Accounting for Managers
- International Operations Management
- Managing Innovation
- Managing Operations Systems *

Although the MSc OM programme offered by the LMS department is one of four postgraduate programmes I have studied at PolyU, this programme provided me with another new way of looking at management strategies to deal with the ever-changing business environment. More importantly, it showed me how to equip myself to develop both the strategic thinking process and the necessary skills to make sound business decisions through better resource management. This has resulted in a more sustainable long-term advantage for our key stakeholders rather than a short-term competitive advantage.

Operationally, as the head of the Internal Audit department, I have significantly benefited from the programme. I'm now able to better allocate and use department resources to acquire, develop, and retain valuable talent with a range of professional competencies.

Practically, for someone working in the internal audit profession, the teaching materials and insightful lectures provided me with an open-minded way of understanding front-line business operations without compromising the principle of independence. It helped me improve the effectiveness and efficiency of operations in a more collaborative manner, and balance corporate governance with operational practices, policies, and procedures.

Learning is a lifelong pursuit. I hope you will become a member of the world-class LMS department at PolyU.



Wong Lung Hon

Specialised Subjects

(3 subjects – 9 credits) (Students must complete 3 specialised subjects from one of the streams)

Operations Analytics Stream

Quality Management Stream

- Business Analytics
- E-commerce
- Enterprise Resource Planning *
- Six Sigma and Quality
 Management Techniques
 Statistical Quality Control (
- Statistical Quality Control for Manufacturing and Service
- Total Quality Management

Operations Strategy Stream

- Lean Thinking and Practice *
- Risk Management in Operations
- Strategic Management

Elective Subjects +

Restricted Elective Subjects

(any 1 subject - 3 credits)

- Organization and Management *
- Project Management
- Statistics for Management *
- Supplier Development
- Supply Chain Management *

Note: Students may take more restricted elective subjects than required. The extras will be counted as free electives.

Free Elective Subjects

(any 2 subjects - 6 credits)

- Applications of Decision Making Models
- Business Analytics
- Coding for Management with Python (subject to approval)
- E-commerce
- Enterprise Resource Planning *
- Implementation and Auditing of Quality Management Systems
- Lean Thinking and Practice *
- Marketing Management
- Models for Decision Making *
- Practice of Operations Management

- Practice of Quality Management
- Research Methods
- Risk Management in Operations
- Six Sigma and Quality Management Techniques
- Strategic Management
- Strategies and Technologies in Warehousing Management
- Statistical Quality Control for Manufacturing and Service
- Total Quality Management *
- Project (6 credits)

⁺ The offering of subjects is subject to class quota availability.



* These subjects have been included in the list of reimbursable courses under Continuing Education Fund (CEF).

The programme (MSc in Operations Management) is recognized under the Qualifications Framework (QF Level [6]).

Mode of study: Mixed-mode

Students can pursue their studies in either a full-time study load (taking 9 credits or more in a semester) or a part-time study load (taking less than 9 credits in a semester). In general, one evening class per week will be scheduled for each subject over a regular 13-week semester and two evening classes per week over a 7-week optional Summer Term.

Duration (subject to review)

Part-time mode: two and a half (2.5) academic years including optional summer terms.

Full-time mode: one and a half (1.5) academic years including an optional summer term (Students can complete the programme in one (1) academic year in Full-time mode according to their own study pace.)

Classes are normally scheduled on weekday evenings in three semesters (including an optional Summer Term) within an academic year.

The programme offers a structured progression pattern, and students are highly encouraged to follow the pattern to benefit from cohort-based study and to graduate within 2.5 years (part-time mode) / 1.5 years (full-time mode). However, being credit-based, the programme allows students flexibility to graduate on time.

Students who wish to extend their studies beyond normal duration can submit such request to the Department of Logistics and Maritime Studies for consideration.

Scholarships

LMS Taught Postgraduate Programme Scholarship Scheme

Merit-based scholarship of HK\$50,000 for each recipient

Entrance Requirements

- A Bachelor's degree or equivalent professional qualifications, preferably with at least one year of relevant work experience OR
- Applicants with other post-secondary qualifications, who have been employed in industry, commerce or public administration for not less than 6 years, of which 3 years are in a managerial capacity, will also be considered.

If you are not a native speaker of English, and your Bachelor's degree or equivalent qualification is awarded by institutions where the medium of instruction is not English, you are expected to fulfil the University's minimum English language requirement for admission purpose. Please refer to the "Admission Requirements" section for Taught Postgraduate Programmes of Study@PolyU for details.

Shortlisted candidates may be invited to attend admission interviews.

Fee (Subject to change and approval)

HK\$250,500 per programme (HK\$8,350 per credit) for local and non-local students

This practical, inspiring, and interactive programme has helped me develop substantial professional and academic competencies. The courses covering the critical areas of operations management enabled me to quickly master various techniques to solve real problems in my daily work. Continuous improvement – one of the key concepts of this programme – became my devoted motto, which I have incorporated into my work and personal growth.

The professors were impressively patient and talented. The engaging case studies during class discussions helped me gain a better understanding of relevant concepts and knowledge. The students came from different fields and professional backgrounds, and their life stories and experiences enriched my perspective.

The learning was challenging but enjoyable. It turned me into a better version of myself: able to think independently and critically, express my opinions confidently, and embrace the ever-changing business world.



Zhang Xiaoxing

Enquiries

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For academic matters

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