



ACCREDITED DEGREE PROGRAMS

SCHOOL NAME: The Hong Kong Polytechnic University, Hong Kong

FM-RELATED DEGREES OFFERED:
Master of Science in Facility Management

IFMA AFFILIATION: Since 2003

WHAT COURSES ARE OFFERED?

Facility Management: Professional Practice
Strategic Facility Planning & Asset Management
Research Project
Economics for Facility Management
Maintenance Management of Built Assets
Facilities Support Services Management
Energy Efficient Buildings
Sustainability and the Built Environment
Legal Aspects of Facility Management
Occupational Health and Ergonomics
Building Carbon Footprint Assessment

Students must complete either 10 subjects, or seven subjects (including four compulsory subjects and at least two core elective subjects) plus a dissertation (equivalent to three taught subjects). In addition to the compulsory and core elective subjects, there is pool of general elective subjects available for selection.

PolyU offers a doctor of philosophy (Ph.D.) program in FM, which may be studied full- or part-time. Eligible students may pursue their Ph.D. study among areas below:

Strategic asset management
Facility planning and design
Workplace ecology and management
Facility support services management
Outsourcing and contracts
Performance assessment and benchmarking
Facility operation and maintenance
Commissioning and reliability of facilities
Energy management and carbon footprint analysis
FM economics and finance
Information and communication technologies for FM
Legal and environmental issues in FM

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WHY AND WHEN WAS THE PROGRAM INSTITUTED?

The program started in 1996, following FM's rapid development in the 1980s, from North America and the U.K., and then in Europe, Australia, East Asia and Southeast Asia. The development of FM education and training has been driven primarily by demand at the postgraduate level in Hong Kong.

WHAT TYPES OF PRACTICAL APPLICATIONS DO YOUR STUDENTS LEARN?

In our program, the students learn not only about the contemporary, effective ways of managing facilities, they are expected to think about needs of facility owners and users and how to make continuous improvement for the facilities they manage. Specific examples of practical applications include performance assessment for building maintenance, benchmarking of facility performance, application of legal principles in FM and building carbon footprint assessment.

TELL US ABOUT YOUR FORMER STUDENTS AND WHAT THEY HAVE GONE ON TO ACCOMPLISH.

Our students are employed in companies with a wide range of professional services. Upon finishing the program, our students make further advancement in their careers. Many of them are executives of international property or facility companies, consultancy firms or government departments.





WHAT RESEARCH IS YOUR DEPARTMENT CONDUCTING AND WHAT ARE YOU MOST EXCITED ABOUT?

Our Building Services Engineering department (one of the four departments in the Faculty of Construction and Environment that offers the MSc FM program), has research in the following areas:

Alternative and renewable energy studies
Building acoustics and vibration
Building automation and energy management
Building environmental performance
Building operation and maintenance
Electrical installations and systems in buildings

Facility management
Fire and safety engineering
HVAC&R system and technology
Indoor environmental quality
Lighting engineering

In Facility Management, our research covers:

Law, contract and project management
Maintenance and economics
Performance measurement and evaluation
Environmental and energy issues
Information technologies
Professional practice and education

WHAT ARE THE ISSUES FACING THE NEXT GENERATION OF FMS AND HOW WILL THEY BE ADDRESSED?

The next generation of FMs will be concerned about cost control, environmental issues, and more importantly, security and health issues. These issues are covered in our program.

WHAT ARE THE ACCOLADES OF YOUR ACADEMIC STAFF?

Various awards have been conferred to our academic staff, including teaching excellence, outstanding achievement in academic program development, the IFMA Educator's Award and the Asia Pacific Rim Region Energy Project of the Year.

We are proud that this program is recognized by IFMA, the Hong Kong Institute of Facility Management (HKIFM), and the Royal Institution of Chartered Surveyors (RICS). It is also accredited by the Chartered Institution of Building Services Engineers (CIBSE) as suitable further learning to meet the academic requirements for CEng registration.

WHAT IS THE NEXT MILESTONE, GIVEN THE LONG HISTORY OF THE PROGRAM?

The Hong Kong government is paying more attention to the development of facility and property management. It has recently legislated the Property Management Services Ordinance and formed an authority to promote the professionalism and quality of the property management industry to make Hong Kong a better place for living. Expectedly, the government will set standards for integrity, competence and professionalism of the industry; encourage a culture of learning; and promote synergy among stakeholders for the continuous development of the FM profession. Our program team will continue to equip students with the necessary knowledge for tackling challenges the FM industry and work with IFMA to create the best FM environment.

