

School of Engineering

Master of Science Program

Asia's Foremost Engineering University

- Engineering Enterprise Management (EEM)



A Global Engineering Powerhouse



Master of Science (MSc) in Engineering Enterprise Management (EEM)

Thinking of preparing yourself for senior positions in the engineering industry? Looking for reliable support to empower you to pursue your academic goals?

Welcome to the School of Engineering of The Hong Kong University of Science and Technology (HKUST), a global engineering powerhouse and one of Asia's top academic faculties.

International Success

HKUST is a relatively new institution at only 30 years old, but it has consistently been ranked amongst the world's top 30 research universities over the past decade.

20th

QS University Rankings 2021
– Engineering and Technology

26th

Times Higher Education World
University Rankings 2021 –
Engineering and Technology

26th

Global University
Employability Rankings 2020

47th

QS World University
Rankings 2021 – Statistics &
Operational Research



Why study at HKUST

- **Located in Hong Kong** – A vibrant cultural and business hub in Asia and a gateway to mainland China.
- **English language instruction** – Enable a broad range of students to access the world-class teaching and facilities.
- **A broad range of specializations available** – Ensure students' academic potential and interests are fulfilled.
- **Affordable tuition** – Between one-third and one-half of a comparable MSc in US and the UK.
- **Guaranteed 12-month visa to work in Hong Kong** – Enable non-local students to explore the myriad of opportunities available to them.
- **International faculty** – Majority originate from the world-class universities.

Program Details

Program Objective

HKUST's Engineering and Business Schools are collaborating to provide this uniquely balanced program to help students learn to meet the needs of contemporary global enterprise management. It is a comprehensive program designed for practicing engineers and scientists of all disciplines who wish to start a career in management.

Industry managers who desire more advanced and up-to-date training to further their careers in future global enterprise – either in the service industry or manufacturing industries – can benefit from taking the program. It provides the know-how and techniques from line management to middle management, all the way up to global enterprise management.

Curriculum

The program comprises a total of 30 credits of coursework, including one credit of Problem Solving for Engineering Managers; and 29 credits from the following course list.

A Selection of Courses:

From Engineering School

- Applied Probability, Statistics and Data Analytics
- Engineering Economics and Cost Management
- Financial Engineering and Risk Management
- Global Supply Chain Management
- IT System for Global Enterprise
- Operation/Production Management
- Principles and Techniques for Technical Management
- Product Development Management
- Service Operations Management
- Six Sigma Quality Management
- Transportation and Logistics Management

From Business School

- Accounting for Managers
- Fundamentals of Economics and Finance
- Marketing Management and Strategy

Please refer to program website for the most updated course list:

<https://seng.hkust.edu.hk/msc/eem>

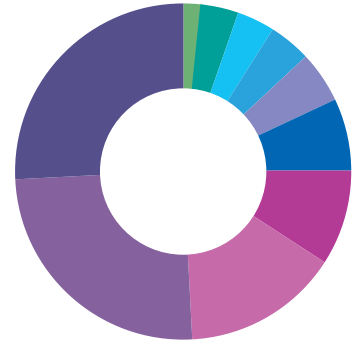
Program Duration and Credit Requirement

Term	Full-time	Part-time
	1 year to complete 30 credits	2 - 2.5 years to complete 30 credits
Fall	12 - 15 credits	6 - 9 credits
Spring	12 - 15 credits	6 - 9 credits
Summer	3 - 6 credits, if applicable	3 - 6 credits, if applicable

Subject to availability, classes are normally held on weekday evenings or Saturday afternoons. Each course typically meets once a week for approximately three hours.

Postgraduate Career Opportunities

- Administration / Management 29%
- Engineering 25%
- Banking / Finance 16%
- Others 13%
- System Analysis & Computer Programming 5%
- Accounting / Auditing / Taxation 4%
- Aircraft / Marine 2%
- Insurance / Real Estate Services 2%
- Marketing / Sales 2%
- Merchandising / Purchasing 2%



Some of the companies which our graduates are working in / have received job offer from:

- Apple
- Asia Pacific Customer Service Consortium
- Bank of China (Hong Kong) Limited
- Boston Consulting Group
- CFFEX
- China Mobile
- China Telecom Global Limited

- CLP Power Hong Kong
- COSCO Group
- DBS Bank
- Deloitte
- Hang Lung Properties
- Hasbro Far East Limited
- Hong Kong Aircraft Engineering
- Huawei

- JD.com
- Kerry Logistics
- KPMG
- P&G
- Philips
- PricewaterhouseCoopers
- Towngas
- USL Logistic

International Student Body

The MSc students are from all corners of the world. Their culture and academic background bring a unique quality to our engineering programs and allow them to learn from peers with remarkably diverse backgrounds.

Countries of Origin:



“ The opportunity to travel and get to know new cultures has always motivated me to seek challenges throughout my life. When I was presented with the opportunity to study at HKUST, it was a decision I didn't make much of. The EEM program has given me the opportunity to develop my career path and learn from the best professors in one of the most prestigious universities of recent years. At the same time, the opportunity to study in Hong Kong has given me a unique vision and experience, which I doubt I would have achieved elsewhere.



During my study here, I have developed very strong bonds of friendship with classmates from all over the world, allowing me to enrich the learning experience by mixing different points of view to achieve a concrete solution to a given problem. The international experience that is undergone in the EEM program is undoubtedly what I like the most, as it enlightens me to new solutions that I didn't have in mind before. All these experiences will undoubtedly help me develop my career even more, with the tools provided by professors and the collective learning that is generated in each of the lessons. ”

Felipe Andres ECHEVERRIA LUCO
(Chile, 2019)

“ I believe studying MSc(EEM) at HKUST is a wonderful experience for every EEMer. This unique program offers an interesting blend of courses delivered by world-class professors from the Business and Engineering Schools. Studying MSc(EEM) also exposes you to students of diverse nationalities, academic and employment background, which will surely benefit your career development.



What's more, this gorgeous university has a stunning campus surrounded by the sea and mountains. Spending a whole day in the library with spectacular sea view is an ultimate enjoyment. There are also various facilities on campus such as swimming pools, gyms and music rooms, etc.

When you become an EEMer, you will know that there is no need to set limitations for yourself, but to equip yourself with skills and build confidence to pursue your academic and career goals. ”

Hannah HUANG
(Mainland China, 2021)

“ Designed for all those without an academic background in business and especially suitable for engineers, who want to take their career to the next level, the EEM program is hard to beat as an exhaustive introduction to the non-technical side of the corporate world. The classroom atmosphere is enriched by the diversity of the student cohort - both in terms of work experience as well as disciplines - and ignited by the hands-on business experience of the professors.

The general structure of the coursework... gives students the liberty to put a strong focus on their career development, where they enjoy excellent support by the university. International students from continental Europe like myself might actually be surprised by the strong interest the university shows in everyone's individual career success. The countless offerings of recruitment events, career fairs and workshops... make this program the ideal stepping stone to a successful career in Asia! ”

Fabian HAINZL (Austria, 2016)
MVTec, Munich



“ Having a legal and social science background from my bachelor’s degree, I planned to learn something new in my master’s study. During this year, EEM program has widen my horizons so much and trained me to view the intellectual property issues from different perspectives, i.e. combining engineering and technical law. I have received a lot of useful advice from my HKUST professors, which gave me confidence to overcome the academic difficulties. Moreover, I was grateful that the program helped to change with my career focus from an attorney to a qualified engineer with legal insight. As a result, I was so fortunate to be hired as the only intellectual property attorney by OPPO this year. Without the engineering knowledge and confidence I gained in this year, my dream would not have come true.”

YAO Shuo (Mainland China, 2018)
Intellectual Property Attorney, OPPO



“ Having gained 4+ years of work experience in the automotive industry, and with a background in mechanical engineering, I found the EEM program to have the perfect combination of technical and management courses, to enhance my skillset in the direction I wanted to further my career in. The intensive, 12 month program has been extremely rewarding in terms of a rich and relevant curriculum enhanced by excellent instructors, exposure to working with students from diverse cultural, academic and professional backgrounds, and on a personal front, new friendships that transcend international borders. The reputation of the University and the program also enables students to access curriculum related internships with renowned companies, which lends much needed industrial exposure, as well. Overall, a very balanced program that has certainly set me up well, to pursue a career in technical management!”

Rohit SUBRAMANIAN (India, 2018)
Project Analyst, Huhtamaki Hong Kong

“ Studying in EEM was quite different from the learning experience of my undergraduate degree, when my major was all about science and engineering. My classmates in HKUST came from a variety of majors and provided me with many new ways of thinking. What is most important, I found the career type I really liked and finally got a job in an investment bank with what I learned in EEM. When you come here, you will get to know that there is no need to set limitations for yourself and then equip yourself with the confidence and skills to pursue your academic and career goal.”

WANG Tao (Mainland China, 2017)
Equity Analyst | Huatai Securities (HTSC) Research
Institute, Shanghai





Application

For admission details and procedures, please check: <http://pg.ust.hk>
Early application is recommended for non-local applicants for visa processing.

Program Fee / Scholarship / Financial Support

Please refer to program website <https://seng.hkust.edu.hk/msc/eem> for the most updated program fee, scholarship and financial support.

Various scholarships are available, including:

- Arthur and Louise May Scholarship
- Entrance Scholarship
- Excellent Student Scholarship
- Hong Kong Talent Development Scholarship

Financial support is available to citizens from Brazil, Indonesia, the Republic of Kazakhstan, Norway, Russia, Sweden, and many more.

Contact

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