



數學、統計及保險學系  
DEPARTMENT OF MATHEMATICS,  
STATISTICS AND INSURANCE  
香港恒生大學  
THE HANG SENG UNIVERSITY  
OF HONG KONG



Executive Leadership

Risk Management

Financial Analysis

Life and Health Insurance

# Executive Master of Science in Insurance

行政人員保險理學碩士 EMSC-INS

Regulation and Compliance

General Insurance

EMSC-INS is recognized as Qualified CPD Activity under the CPD requirements of the Insurance Authority



## Programme Overview

EMSC-INS is the first executive master's degree programme in insurance in Hong Kong:

- combine practical knowledge with theories and principles in insurance
- introduce risk management concepts in insurance and their applications
- equip students with advanced knowledge and skills in managing insurance business
- provide whole-person development and help groom future leaders in the insurance industry and society



## Career

The Programme focuses on both theory and applications of risk management and insurance. Upon graduation, students are expected to:

- possess global perspective and be able to take on senior management roles in the fields related to risk management and insurance
- become highly skilled risk management specialists
- be able to develop and drive strategies on revenue growth, client distinctive value, operational excellence, talent development for the insurance industry
- vigorously lead on innovation of new risk management and insurance product and solutions, including exploitation and use of cutting-edge technology



## Class Schedule

For 2020/21 academic year, two modules would be offered in each semester. Six-hour classes will be scheduled on every Saturday.



## From Our Advisors

"EMSC-INS programme would undoubtedly be much in demand. I join all others in applauding the efforts in its establishment. I believe that the industry as well as the University are excited to witness its launch and continuous contributions to talents development for the insurance industry."

**Dr Moses CHENG, GBM, GBS, OBE, JP**  
Chairman  
HSUHK Council and Insurance Authority

"EMSC-INS programme brings together the most up-to-date theory and practice for the insurance industry executives. Graduates would meet the demand of high quality professionals in the fast developing Insurance industry. I strongly recommend this programme to all insurance executives."

**Dr Patrick POON, SBS**  
Chairman  
Harvest SCP Group Company Limited and  
Sing Cheong Charitable Foundation Limited

"EMSC-INS programme mixes theoretical knowledge and practice experiences provided by top class academics and experienced insurance practitioners. The programme aims to enhance technical knowledge, both locally and regionally, of the students."

**Mr Edwin CHAN**  
Managing Director  
AR Consultant Services (Hong Kong) Limited

## Adjunct Faculty

**Andrew BELLERS** LLB (UCL)  
Former General Counsel Asia Pacific  
Aon Corporation

**Benjamin CHANG** MBA (CityU Macau), ACII  
Former Regional Managing Director  
Aon Global Client Network, Asia Region

**Wilson CHEUNG** DBA, LL.M (CityUHK), FCII, FCIP, CPCU  
Director  
Technic Essential Limited

**Kevin CHOR** BCom & BA (Melbourne), AIAA  
Chief Life and Market Development Officer  
AXA China Region Insurance Company Limited

**Tony LEE** PhD (TSU), LL.M (Wolverhampton), Fellow CIP, FLMI  
Chief Business Officer  
Marsh & McLennan Insurance Services Limited

**Arnold LEUNG** BSS (CUHK), FAIQ  
Chief Executive & Director  
Mutual Power Wealth Management Limited

**Milton LO** MBA (Deakin), Fellow CIP  
General Manager, Marketing Department  
China Pacific Insurance Company (Hong Kong) Limited

**Sally WAN** BCom (UNSW), CPAA  
Chief Executive Officer  
AXA China Region Insurance Company Limited

**Karsen WONG** DBA (Newcastle), ACII  
Head of Underwriting & Reinsurance  
Asia-Pacific Property & Casualty Insurance Company Limited

**Kevin WONG** MSc (UCD), FCII, FLMI  
Senior Manager, Underwriting  
China Pacific Insurance Company (Hong Kong) Limited



# School of Decision Sciences

## Department of Mathematics, Statistics and Insurance

### Academic Faculty

**Derrick FUNG**

PhD (CUHK), FSA, CERA (Society of Actuaries)

Programme Director, Assistant Professor

Insurance Regulation, Risk Management, Corporate Finance for Insurers

**Lawrence LEE**

MBA (CUHK), ACII, FLMI, Fellow CIP

Associate Programme Director (External), Professor (Practice)

General Insurance, Professional Indemnity, Risk Management

**Michelle WU**

MSc (SCUT), MSc (Iowa), FSA (Society of Actuaries)

Associate Programme Director (Internal), Senior Lecturer

Medical Insurance, Financial Reporting, Insurance Risk Management

**Man Lai TANG**

PhD (UCLA)

Professor

Categorical Data Statistical Analysis, Quantile Regression Analysis

**Siu Kai CHOY**

PhD (HKBU)

Associate Professor

Pattern Recognition, Image Processing

**Carisa YU**

PhD (PolyUHK), CStat (RSS)

Associate Professor

Asset Management, Risk Management, Financial Optimization

**Kevin YUEN**

PhD (HKU), ASA (Society of Actuaries)

Associate Professor

Risk Management, Actuarial Science, Financial Economics

**Benson LAM**

PhD (CityUHK)

Assistant Professor

Machine Learning, Computer Vision, Text Mining

**Becky LEE**

PhD (Waterloo), ASA (Society of Actuaries)

Assistant Professor

Risk Theory, Stochastic Models for Insurance and Finance

**Kent LIU**

PhD (PolyUHK)

Assistant Professor

Machine Learning, Survival Analysis

**Tom NG**

PhD (CUHK)

Assistant Professor

Change-point Analysis, Bootstrap Resampling, Time Series

**Chi Chung SIU**

PhD (TMU)

Assistant Professor

Stochastic Control, Actuarial Mathematics, Financial Mathematics

**Jacky LEUNG**

PhD (HKBU)

Senior Lecturer

Image Processing, Super-resolution Image Reconstruction

**Stanley ZEL**

MStat (HKU)

Senior Lecturer

Numerical Analysis, Computational Mathematics

**William LIU**

PhD (Rochester)

Lecturer

Differential Geometry, Mathematical Physics

**Elaine MO**

MSc (CUHK)

Lecturer

Censored Data, Order Statistics



# Programme Curriculum

## Core Modules



## Major Elective Modules\*

\*Select 3 from 4 modules

## Admission Requirements

1. A bachelor's degree from a recognized university or equivalent\*;
2. A minimum of five years' relevant work experience.

\*If the applicant's bachelor's degree was not obtained from a university/ tertiary institution where English is the medium of instruction, s/he needs to fulfil one of the following English language proficiency requirements: TOEFL  $\geq$  550 (paper-based),  $\geq$  213 (computer-based),  $\geq$  79 (internet-based); IELTS  $\geq$  6.5; CET 6  $\geq$  430; or TEM-4  $\geq$  70

## Medium of Instruction

English

## Modes of Study

Full Time (1 year)  
Part Time (2 years)

## Graduation Requirements

- To be eligible for the award of the Executive Master of Science in Insurance, students are required to:
1. complete and obtain a Grade D or above on at least 24 credits (8 modules), including five core modules and three major elective modules; and
  2. obtain a minimum cumulative GPA of 2.0.

## Tuition Fee (Academic Year 2020/21)

### Local Student

HK\$300,000 (Total 24 Credits)  
HK\$12,500 (per credit)

### Non-Local Student

HK\$375,000 (Total 24 Credits)  
HK\$15,625 (per credit)

The tuition fee covers the whole programme. Deposit payment is HK\$75,000 (local applicant)/HK\$93,750 (non-local applicant). All payments are non-refundable and non-transferable.

## Admission

Applications should be submitted online through Postgraduate Admission System.  
<https://registration.hsu.edu.hk/pga/>



Admissions are open for  
2020 intake

## Enquiry

✉ [emsi@hsu.edu.hk](mailto:emsi@hsu.edu.hk)    **f** @hsuhkemscins  
☎ (852) 3963-5507    **in** EMSC-INS Programme  
🌐 <https://emsi.hsu.edu.hk/>



## Qualifications Framework

Hong Kong Council for Accreditation of Academic and Vocational Qualifications  
(HKCAAVQ) Qualifications Register

Qualification Framework Level: 6  
Registration No.: 20/000380/L6  
Validity Period: 1/9/2020 to 31/8/2023

The Hang Seng University of Hong Kong is incorporated in Hong Kong with limited liability by guarantee.

Information updated as of July 2020.