



香港恒生大學
THE HANG SENG UNIVERSITY
OF HONG KONG



Master of Science in
Risk Analytics
風險分析理學碩士

Master of Science in
Risk Analytics (MSc-RA)
风险分析理学硕士

2027 现正招生

Programme Overview 课程特色

In a rapidly changing world, risks are more prevalent than ever. It is therefore important to develop a proper mindset to analyze them and hence effectively control the potential loss to an acceptable level. The Master of Science in Risk Analytics (MSc-RA) programme is specifically designed for nurturing talents with the relevant skillsets. The Programme aims to:

- provide advanced knowledge in data analytics and risk management
- polish students' ability to deal with complex real-life risk-related problems with appropriate data analytics tools
- nurture competent and ethical professionals in various disciplines in financial and public sectors

当今世界瞬息万变，风险比以往任何时候都更加常见。因此，培养分析风险的合适思维并由此将潜在损失控制在可承受的范围便显得尤为重要。风险分析理学硕士课程的设计初衷正是为了培养具有相关技能的人才。该课程致力于：

- 教授数据分析及风险管理领域的进阶知识
- 锻炼学生使用合适的数据分析工具，处理现实情境中复杂的风险相关问题的能力
- 为金融和公共服务界的众多领域培养具有竞争力和职业道德的专业人士

Admission Requirements 入学要求

1. A bachelor's degree in science, technology, engineering, mathematics, finance, economics, or related disciplines from a recognised university; and
2. Fulfilment of one of the following English language proficiency requirements if the applicant's bachelor's degree was not obtained from a university/tertiary institution where English is the medium of instruction:
 - TOEFL $\geq$ 550 (paper-based), $\geq$ 79 (Internet-based);
 - IELTS (Academic) $\geq$ 6.0;
 - CET 6 $\geq$ 430;
 - TEM-4 $\geq$ 70; OR
 - an equivalent qualification.

1. 具备获认可大学的理学、技术、工程、数学、金融、经济或相关专业的本科学位；及
2. （若申请人毕业的大学并非以英语授课）以下任何一项英语语言能力要求：
 - 托福 $\geq$ 550（笔考）， $\geq$ 79（网考）；
 - 雅思（学术） $\geq$ 6.0；
 - 大学英语六级考试 $\geq$ 430；
 - 英语专业四级考试 $\geq$ 70；或
 - 与上述条件同等的资历。

Scholarship and Award 奖学金及奖项

- Distinguished Graduate Award - Excellence Award / Merit Award
杰出毕业生奖 - 卓越 / 优秀毕业生奖
- Hong Kong Future Talents Scholarship Scheme for Advanced Studies (local candidates only)
香港未来人才深造奖学金计划（仅限本地生）

Graduation Requirements 学位授予

To be eligible for the award of the Master of Science in Risk Analytics, students are required to:

1. complete and obtain a Grade D or above on at least 8 modules (24 credits), including five core modules and three elective modules; and
2. obtain a minimum cumulative GPA of 2.0.

学生需符合以下毕业要求，方可获颁风险分析理学硕士学位：

1. 完成至少24学分（8个单元）并取得D级或以上成绩，包括五个必修单元和三个选修单元；和
2. 累积平均积点（cGPA）达到2.0或以上。

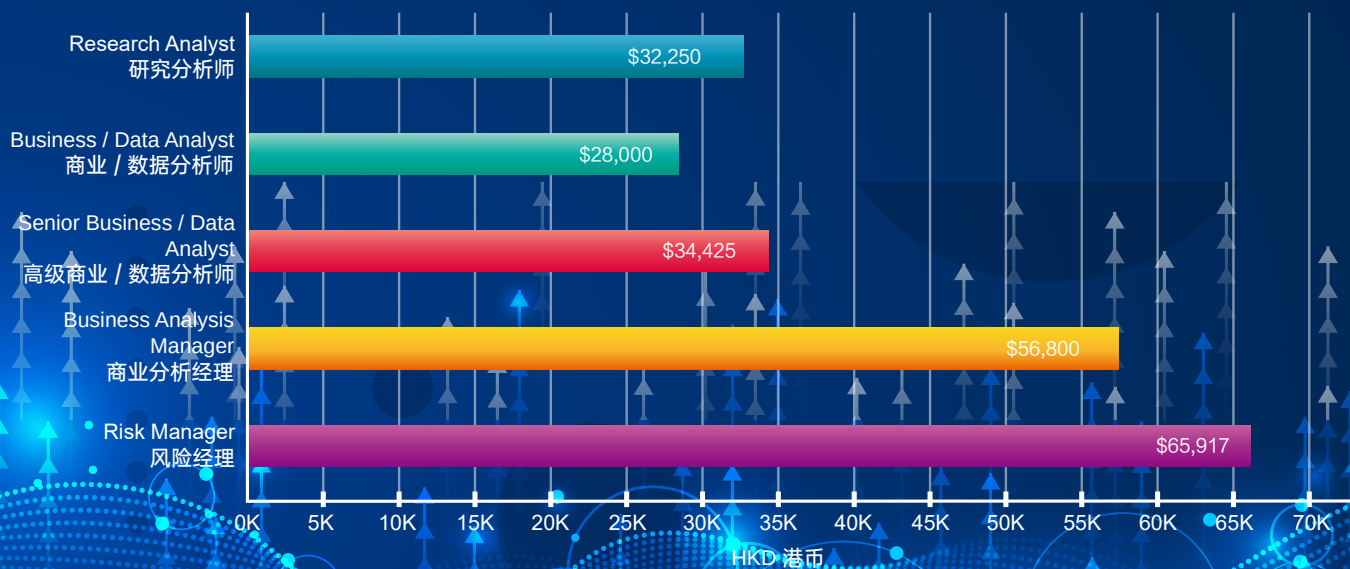
Career Prospects 就业前景

Data analytics and risk management have been increasingly useful in disciplines that deal with data and risk, including but not limited to financial institutions, government authorities and IT companies/departments, hence there is a large demand of talents in risk analytics. Some representative career prospects and their average salaries are as follows.

在与数据及风险相关的领域中，数据分析和风险管理的实用性正不断增强，这些领域包括但不限于金融机构、政府机关和资讯科技公司及部门，因此对风险分析人才的需求相当大。下图列出部分具有代表性的就业前景及其平均工资水平。

Reference Salary 薪资参考

Average Monthly Salary in Hong Kong in 2024
2024年香港平均月薪



Source 数据来源: Job Seeker Salary Report 2024

Profiles 师资力量

陈伟森 教授

美国天普大学博士
精算建模, 商业预测, 金融计量经济

Wai Sum CHAN, Professor

PhD (Temple)
Actuarial Modeling, Business Forecasting, Financial Econometrics

蔡少佳 教授

香港浸会大学博士
数据挖掘, 机器学习, 影像处理

Siu Kai CHOY, Professor

PhD (HKBU)
Data Mining, Machine Learning, Image Processing

吴伟亮 课程主任 副教授

香港中文大学博士
变点分析, 自助重抽样法, 时间序列分析

Tom NG, Programme Director, Associate Professor

PhD (CUHK)
Change-point Analysis, Bootstrap Resampling, Time Series

陈永钊 课程副主任 助理教授

香港大学博士
信度理论, 金融数学, 数据分析, 保险科技, 机器学习

Yongzhao CHEN, Associate Programme Director, Assistant Professor

PhD (HKU)
Credibility Theory, Financial Mathematics, Data Analytics, InsurTech, Machine Learning

朱冠麟 高级讲师

香港科技大学博士
水平集方法, 图像处理, 偏微分方程的数值解

Alan CHU, Senior Lecturer

PhD (HKUST)
Level Set Method, Image Processing, Numerical Solution of Partial Differential Equations

林树仁 副教授

香港城市大学博士
数据挖掘, 无监督学习, 监督学习, 影像处理,
医学影像处理, 模式识别

Benson LAM, Associate Professor

PhD (HKCityU)
Data Mining, Unsupervised Learning, Supervised Learning, Image Processing,
Medical Image Processing, Pattern Recognition

吴凯敏 助理教授

香港理工大学博士
生存分析, 半参数分析, 高维数据分析

Charlotte NG, Assistant Professor

PhD (HKPolyU)
Survival Analysis, Semiparametric Analysis, High-dimensional Data Analysis

萧志中 副教授

日本东京都立大学博士
随机控制, 精算数学, 金融数学,
运筹学, 随机微分博弈

Chi Chung SIU, Associate Professor

PhD (TMU)
Stochastic Control, Actuarial Mathematics, Financial Mathematics,
Operations Research, Stochastic Differential Games

汤心怡 讲师

香港中文大学博士
时间序列, 变点分析, 自举重采样方法

Xinyi TANG, Lecturer

PhD (CUHK)
Time Series, Change-point Analysis, Bootstrap Resampling Method

余国惠 副教授

香港理工大学博士, 英国皇家统计学会特许统计师
资产管理, 风险管理, 金融优化理论, 期权定价

Carisa YU, Associate Professor

PhD (HKPolyU), CStat (RSS)
Asset Management, Risk Management, Financial Optimization, Option Pricing

Student Sharing 学生分享



“ This year as a student of MSc-RA at HSUHK in Hong Kong has been a rewarding journey of discovery. The university offers excellent facilities, including free access to a clean, safe indoor pool and a well-equipped gym, along with comprehensive learning resources such as professional software and databases available through the library. In class, classmates from diverse backgrounds strengthened every group project and broadened my perspective on different life paths. More than continuing my student identity, this year helped me better understand what I enjoy, what I don't, and what suits me. HSUHK is a place full of opportunities, and MSc-RA helped me to make most of my strengths.

在恒生大学修读风险分析理学硕士课程, 给了我难得的体验。学校硬件与学习资源都十分完善, 学生可免费使用专业软件与数据库。与来自不同背景的同学合作, 使我拓宽视野, 也让我更清楚自己喜欢什么、适合什么。恒生大学是一个充满机遇的地方, 风险分析理学硕士课程帮助我充分发挥自己的优势。

LIANG Zishan (Class of 2026)

梁紫珊 (2026届毕业生)



“ Studying the MSc-RA Programme at The Hang Seng University of Hong Kong has been a rewarding career-transition journey for me. Coming from a media production background, I pivoted toward risk-related industries. This programme provides rigorous training in credit risk, quantitative modelling and data-driven risk assessment. Well-structured courses and hands-on projects helped me establish solid technical competencies. Professors offer great support for students with diverse backgrounds. This master's programme significantly strengthened my competitiveness for risk-management positions. I highly recommend it to anyone aiming for a career in financial risk and data analytics.

在香港恒生大学修读风险分析理学硕士课程, 助我从传媒行业转型风控领域。课程涵盖信用风险、量化建模等专业内容, 实操项目夯实技术基础。老师对跨背景学生十分友善, 有效提升求职实力, 适合意向金融风险分析方向的同学。

XU Yanfeng (Class of 2026)

许雁峰 (2026届毕业生)

Programme Curriculum 课程结构



Teaching Venue 教学场地

The Postgraduate teaching and learning will be conducted at the following locations:

- The Hang Seng University of Hong Kong (HSUHK) Shatin Main Campus;
- HSUHK@Shek Mun;
- “The Create” at West Kowloon Cultural District; or
- other venues designated by the University.

研究生课程将在以下地点进行:

- 香港恒生大学 (HSUHK) 沙田本部校园;
- HSUHK@Shek Mun
- 西九龙文化区「创意荟」; 或
- 大学指定的其他场地。

Mode of Study 学制

Full-time (1 year) / Part-time (2 years, local students only)

全日制（1年） / 兼读制（2年，仅限本地生）

Medium of Instruction 授课语言

English 英语

Tuition Fee 学费 (2027/28)

HK\$ 187,200 (24 credits in total)

港币187,200元（总计24学分）

Application Information 申请须知

Applications should be submitted online through Postgraduate Admission System, on or before:

- Non-local applicants: 22 June 2027
- Local applicants: 15 August 2027

申请者须于下列日期前，通过恒大研究生申请系统线上提交申请：

- 非本地申请者：2027年6月22日
- 本地申请者：2027年8月15日

Postgraduate Application
System
研究生申请系统



Admission Enquiries 入学查询

Email 电邮 ra@hsu.edu.hk
Tel. 电话 +852 3963 5619
Homepage 主页 <https://ra.hsu.edu.hk>
Rednote 小红书 @mscra_hsuhk

WhatsApp



WeChat 微信



Homepage 主页



Qualifications Framework 资历架构

HKCAAVQ Qualifications Register 香港学术及职业资历评审局资历名册

Qualifications Framework Level 资历架构级别：6

Registration No. 资历名册登记号码：25/000337/L6

Validity Period 登记有效期：01/09/2025 - 31/08/2028

Primary Area of Study / Training 学习及培训范畴：

Sciences (Mathematics and Statistics) 理学科（数学及统计学）

In case of any discrepancy between the English and Chinese versions of this leaflet, the English version shall prevail.

本课程简介以英文版为准，中文译本仅供参考。

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

香港恒生大学是一间于香港注册成立之担保有限公司。

Information updated as of September 2026.

有关资料更新至2026年9月。