63423-SY

PROGRAMME CODE

DEPARTMENT OF APPLIED MATHEMATICS

BSc (Hons) in Investment Science

投資科學 (榮譽) 理學士學位

NORMAL DURATION

2 years

CREDITS REQUIRED FOR GRADUATION

At least 70 credits depending on the student's qualification (plus 2 training credits)

TYPE OF FUNDING

Government-funded

MODE OF STUDY

Full-time

INTAKE QUOTA

13 (For senior year place applicants)

PROGRAMME TEAM

Prof. Cedric Yiu

MSc, DPhil

Dr Xingqiu Zhao

BS, MSc, PhD

Dr Alex Wong

BSc, MPhil, PhD

Mr. Adam Leung

BSc, MPhil

Programme Characteristics

The programme provides students with solid training for statistical and mathematical skills, with a strong emphasis on applications in investment and finance. With a balanced curriculum in quantitative analysis, critical thinking and communication skills, the programme produces graduates who can pursue a variety of careers in the financial sector.

Programme Structure

Core Subjects (selected)

- Applied Probability Models for Investment
- Business Finance
- Corporate Finance
- Decision Analysis
- Econometrics
- Financial Computations & Programming
- Forecasting & Applied Time Series Analysis
- Intermediate Microeconomics
- Management of Financial Institutions
- Mathematical Methods for Investment
- Mathematics for Financial Derivatives
- Operations Research Methods
- Probability and Distributions for Risk Management
- Simulation
- Statistical Inference, etc.

Work-Integrated Education (WIE)

A minimum of 80 hours of internship in local or overseas institutes.

Exchange Opportunity and Beyond Classroom Training

In additional to classroom learning, we provide exchange opportunity, and various training to groom all-round graduates:

- Mentorship scheme
- Overseas/ mainland study tours
- Bloomberg training
- Business dining etiquette
- Effective job interviewing skills
- Pre-internship training
- Attractive resumes & cover letters
- Ace recruitment tests
- Career talk, etc.

Zero-credit / Extra credit bearing subjects

Admitted students with insufficient background in statistics, advanced calculus, linear algebra and/ or in relevant disciplines are required to pass the zero-credit/ extra credit bearing subjects.

THE HONG KONG POLYTECHNIC UNIVERSITY
香港理工大學

DEPARTMENT OF APPLIED MATHEMATICS
應 用 數 學 系

Entrance Requirements

An Associate Degree or a Higher Diploma in Mathematics, Statistics, Science, Business or Engineering from The Hong Kong Polytechnic University, or similar qualifications from other institutions or equivalent.

Selection Criteria

Suitable applicants will be invited to interviews, which aim to test the potential for and interest of applicants in the programme, and to test their communication skills and general knowledge in finance.

Entrance Scholarship for Outstanding Non-JUPAS Admittees

Outstanding non-JUPAS admittees who meet the selection criteria will be awarded one-off entrance scholarship of HKD10,000. Scan the QR code below or refer to http://www.polyu.edu.hk/ama/information/ama_entrance_scholarship.pdf for details.

Professional Recognition

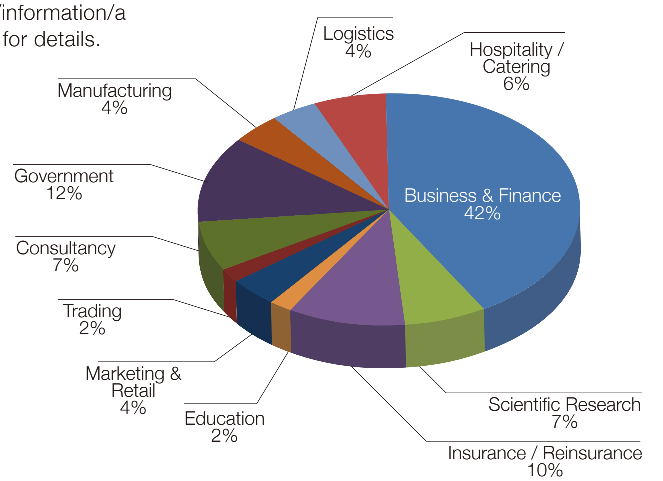
Upon the completion of programme, graduates are expected to receive partial exemption from the professional assessment of:

- Hong Kong Securities and Investment Institute
- Hong Kong Statistical Society
- Royal Statistical Society of UK

Career Prospects

This programme is designed to support graduates pursuing careers in business and financial-related field. Many of our graduates have found employment in prestigious financial institutions and renowned corporations throughout the Asia Pacific area.

Graduate Employment Statistics (2014 - 2018)



Important : The leaflet was compiled in August 2019. Applicants are advised to visit Academic Registry website www.polyu.edu.hk/study for the latest information.

Enquiry 查詢詳情

URL 網址 www.polyu.edu.hk/ama/ug/63423
Email 電郵 is.info@polyu.edu.hk
Tel 電話 2766 6946