63426
PROGRAMME CODE

JS3806
JUPAS CODE

DEPARTMENT OF APPLIED MATHEMATICS

BSc (Hons) in Investment Science and Finance Analytics

投資科學及金融分析 (榮譽) 理學士學位

NORMAL DURATION
4 years

CREDITS REQUIRED FOR GRADUATION
123 credits for HKDSE intake (plus 2 training credits)

TYPE OF FUNDING
Government-funded

MODE OF STUDY
Full-time

INTAKE QUOTA
19

PROGRAMME TEAM
Prof. Cedric Yiu
MSc, DPhil

Dr Xingqiu Zhao
BS, MSc, PhD
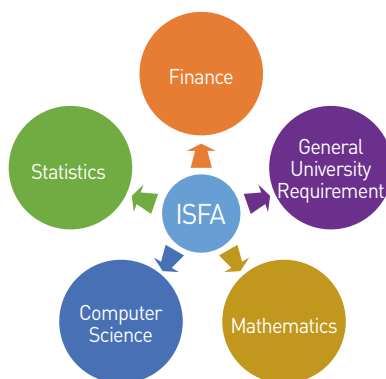
Dr Alex Wong
BSc, MPhil, PhD

Mr. Adam Leung
BSc, MPhil

Programme Aims and Objectives

- To produce graduates with expertise that cuts across core disciplines of mathematics, statistics, finance and computer science. It emphasizes the critical arc that runs from financial data to information, information to knowledge, and knowledge to decision making.

- To develop students' ability in quantitative analysis, financial data analytics, critical thinking and communication skills, which will strengthen their data interpretation and analytical skills and support them to develop career in the evolved investment and finance industries.

Programme Elements

Work-Integrated Education (WIE)

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

Exchange Opportunity and Beyond Classroom Training

In addition to classroom learning, we provide exchange opportunities, and various trainings to groom all-round graduates:

- Mentorship scheme
- Overseas/ mainland study tours
- Bloomberg training
- Interview & resumes writing skills
- Ace recruitment tests
- Career talks, etc.

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*

* Please refer to `Curriculum' of our webpage www.polyu.edu.hk/ama/ug/63426 for details.
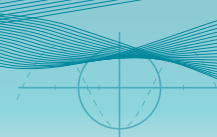
Entrance Scholarship for Outstanding HKDSE students

Outstanding HKDSE admittees who meet the selection criteria will be awarded one-off entrance scholarship of various amount. Scan the QR code below or refer to www.polyu.edu.hk/ama/information/ama_entrance_scholarship.pdf for details.

THE HONG KONG POLYTECHNIC UNIVERSITY
香港理工大學

DEPARTMENT OF APPLIED MATHEMATICS
應用數學系

$$\sin^2\alpha + \cos^2\alpha = 1$$
$$\mathrm{arctg}(-a) = -\mathrm{arctg}\,a$$

$$f'(x) = \lim_{\Delta x \to 0} \frac{f(x+\Delta x) - f(x)}{\Delta x}$$

Entrance Requirements

HKDSE score	
Level 3 or above	Level 2 or above
English language	Mathematics
Chinese language	Liberal Studies
2 elective subjects	
OR	
1 elective subject +	
M1/M2	

Preferred subjects with the highest weighting:	
English Language	Mathematics

Please refer to 'Study@PolyU' for details of admission score calculation mechanism.

The University will consider other qualification as being equivalent to the specified entrance requirements on their individual merits.

Interview Arrangement

Selected applicants will be invited to attend an interview prior to the announcement of HKDSE results (around early June/ July 2020).

Career Prospects

This programme is designed to support graduates pursuing a variety of careers such as investment banking, fund management, risk management, financial data analysis, product development and pricing.

Important : This 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

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