

Bachelor of Science (Honours) in Financial Technology

金融科技 [榮譽] 理學士學位課程

A New 2-Year Full-Time
Government-Funded Top-Up Degree Programme

[Programme Code: 61434]

FinTech is the emerging technology trend in finance that uses information and computing technologies to support existing as well as create new financial services and applications such as blockchain applications, crowdfunding, mobile payments, P2P lending, and robo-advisors. FinTech disrupts the financial sector, as witnessed by recent booming growth of innovative startups that drive the digital economy.

Why Study FinTech?

"In 2014, the financial services sector employed 236,500 persons, or 6% of total employment in Hong Kong."

Source: 'Hong Kong Monthly Digest of Statistics', Census and Statistics Department, Hong Kong Special Administrative Region, April 2016.

"Hong Kong has a FinTech market size of £0.6 billion, requiring 8,000 FinTech staff."

Source: 'UK FinTech on the cutting edge', Ernst & Young, commissioned by HM Treasury of UK Government, February 2016.

"The Government established the Steering Group on Financial Technologies in April 2015 to advise on how to develop Hong Kong into and promote Hong Kong as a Fintech hub."

Source: 'Report of the Steering Group on Financial Technologies', Hong Kong Special Administrative Region Government, February 2016.

Studying FinTech allows students to develop a career in the emerging FinTech market as well as in the attractive financial services sector.

Programme Features

- FinTech-focused curriculum combining computing and finance subjects suitable for both ICT-related and finance-related students
- Internship / Work-Integrated Education to gain valuable work experience for future career development
- International learning experience (e.g. summer study in UK and international internship) for selected students to enhance global outlook
- Mentorship opportunities to learn from professionals and executives
- Industrial workshops to provide practical experience such as blockchain technologies through PolyU-Microsoft Smart Computing Laboratory

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Subject Highlights

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|---|-------------------------------------|
| Programming for FinTech Applications | E-Payment and Cryptocurrency |
| Computer Systems Security | Crowdfunding and E-Finance |
| Business Finance | Big Data Analytics |
| FinTech Seminar and Case Study | Emerging Topics in FinTech |

Entrance Requirements

An Associate Degree or Higher Diploma from a recognized institution in Information and Communications Technology (ICT)-related or Finance-related disciplines

Application Method

Apply online via PolyU eAdmission System:

<http://www.polyu.edu.hk/admission>

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Enquiry

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Please refer to the Department of Computing's website for the latest information.