JS1000  BSc Computational Finance and Financial Technology

Financial Econometrics  Blockchain
Optimization  Fintech

\[ \frac{df}{dt} + rS \frac{df}{dS} + \frac{1}{2} \sigma^2 S^2 \frac{\partial^2 f}{\partial S^2} = rf \]

(Finance + Math + Stats) Tech

State-of-the-art training in finance, mathematics, statistics and technology

Career in
- Asset Management
- Investment Banking
- Risk Management

- Blockchain
- Financial Technology (FinTech)
- Regulatory Technology (RegTech)

Opportunity for Joint Bachelor’s Degree Program between City University of Hong Kong and Columbia University

Further advanced studies

CityU College of Business
City University of Hong Kong

https://www.cb.cityu.edu.hk/js1000
BSc Computational Finance and Financial Technology is suitable for students who are interested in mathematics and technology and want to join the exciting and highly demanded careers in the financial sector, e.g.

- Investment Banking
- Risk Management
- FinTech
- Blockchain

### Admission FAQ

**Q.** What are the unique features of this major?

**A.** The BSc in Computational Finance and Financial Technology major has 2 streams, namely (1) **Computational Finance Stream** and (2) **Financial Technology Stream**. Computational Finance stream is an interdisciplinary stream offering a comprehensive curriculum that covers state-of-the-art training in **finance, mathematics, statistics, computer programming, and information technology**.

Financial Technology stream gives students an interdisciplinary education in **business, information technology**, and **innovation** by training them in **mathematics, statistics, programming, information systems, and finance**.

BSc in Computational Finance and Financial Technology students have the opportunity to apply for admission to the Joint Bachelor’s Degree Program between City University of Hong Kong and Columbia University. Upon completion of this joint degree program, students will receive bachelor’s degrees conferred by both Columbia University and CityU. For details, please visit https://cityu-hk.gs.columbia.edu/.

**Q.** Do I need to attend JUPAS admission interview?

**A.** An interview would be scheduled around June for shortlisted applicants only. Interview is not a must but it will increase students' chance to join the programme if they fall into the marginal JUPAS 4+2 score range.

**Q.** Can I take a minor?

**A.** Yes, you can customize your own study plan with your interested minor. (subject to fulfilling the requirements for declaring a minor)

**Q.** Is there any scholarship available?

**A.** College of Business and CityU are committed to nurturing elite students to become future business leaders. Various scholarships are available, for details of the scholarships, please visit: https://www.cb.cityu.edu.hk/ug/admissions/apply/scholarships.

**Enquiries**

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**Career in**

- Asset Management
- Investment Banking
- Risk Management
- Blockchain
- Financial Technology (FinTech)
- Regulatory Technology (RegTech)

**Further advanced studies**

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**Top 3 Business School in Asia**

(The UTD Top 100 World Rankings of Business Schools based on research contributions from 2015-2019 conducted by the School of Management at the University of Texas at Dallas)