JS1000  BSc Computational Finance

Financial Econometrics
Optimization  Database

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

(Finance + Math + Stats) Computer

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

Career in
- Asset Management
- Investment Banking
- Risk Management

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

Further advanced studies

* subject to approval
**Admission FAQ**

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

**A.** Students will learn the knowledge and skills to meet the demand of today's financial markets, which includes 4 key domains: finance, computer programming, mathematics, statistics. Computational Finance 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 the dual awards conferred by Columbia University and CityU. For details, please visit gs.columbia.edu/cityu-hk/

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

**A.** An interview would be scheduled around June for shortlisted applicants only.

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

**A.** Yes, you can customize your own Computational Finance 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, with an amount up to HKD265,000.

**Q.** Who can I contact for further questions about this major?

**A.** Mr. Leung Hon Wing (Admissions Tutor and Deputy Programme Leader – BSc Computational Finance)

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**Career in**
- Asset Management
- Investment Banking
- Risk Management

**Further advanced studies**

**Top 3 Business School in Asia**

*(The UTD Top 100 World Rankings of Business Schools Based on Research Contribution 2012-2016 conducted by the School of Management at the University of Texas at Dallas)*