

## Bachelor of Business Administration (Honours) in Quantitative Finance and Risk Management

### General Information

This programme prepares students for responsible positions in the areas of risk management and financial product development in financial institutions. Graduates learn how to design innovative financial products and apply derivative instruments in risk management and investment. The programme provides students with the state-of-the-art mathematical tools and practical computer programming skills required in the implementation of risk management and product design. Interested applicants must have a strong background in mathematics and statistics.

### Career Prospects

Graduates will be employed to manage derivative instruments in various financial markets. Key financial events (such as the Orange County, 1994 and Barings, 1995) show that risk mismanagement could be fatal to a financial institution. Our graduates are well trained to handle derivative instruments properly so as to minimize management risk and help corporations compete effectively in the global financial market. As Hong Kong expands its role as the leading financial center in the Asia-Pacific region, there is an increasing demand for financial specialists with risk management skills.

### Career Options

- Financial Product Specialist
- Financial Regulator
- Risk Management Specialist
- Structural Product Specialist



## Our Resources to Support Teaching and Learning

### Facilities and Laboratory

We are the first university in Hong Kong, and the second in Asia, to build a simulated trading room to help students learn how to trade in securities. We are also the first university to use computer games to teach economics. Our students can, in addition, gain access to numerous sources of financial and economic data. Some of the facilities include:

#### The Reuters Information System Laboratory

We are the first university in Asia to adopt the Carnegie Mellon University's Financial Assets and Securities Trading System which offers simulated trading in stocks, bonds, options and futures.

#### Databases

Our Department provides high-quality database resources on global financial and economic data. Examples include Bloomberg, Reuters, EcoWin, Datastream, International Financial Statistics, CEIC, SourceOECD. We also have professional databases specifically devoted to China, for example, the WIND and CSMAR financial databases.

### Highly Qualified Teaching Staff

All of our faculty members hold a PhD degree from North America and Europe. We have staff from world renowned institutions such as Stanford University, University of Rochester and Princeton University. In addition, several of our teaching staffs have won City University's Teaching Excellence Award.

### Scholarships

Entrance scholarships, up to HK\$90,000 each, are offered to students with outstanding results in A-Level or HKCEE. Non-first year students who have excellent academic performance are also awarded with departmental scholarships. The amount ranges from HK\$7,200 to HK\$12,000. In the year 2007/08, more than 100 EF students received the awards.

### Overseas Exchange Programme and Study Tours

The Department collaborates with a number of universities in Europe, Canada, US and Mainland China. Students who join our exchange programme can spend one semester in our partner universities. Those who have successfully completed the exchange programme may receive the Exchange Scholarship offered by the Department. In addition, we also arrange study tours for students to visit local and overseas companies and universities.

### Internship Opportunities

In collaboration with the business sector, the Department offer internship opportunities for students to acquire first-hand experiences in the business world and put their knowledge into practice before graduation.



## Bachelor of Business Administration (Hons)

- Business Economics
- Finance
- Quantitative Finance and Risk Management



## Welcome

Hong Kong is an international financial centre, a regional hub for Asia and the most important capital market for Mainland China. International trade and finance are the two main pillars of Hong Kong's economy and will become increasingly important in light of China's rapid economic development. In response to the needs of the business sector, the missions of the Department of Economics and Finance are to nurture the next generation of young financial executives, economists, and business analysts that the business sector needs and to become a center of excellence in research and teaching to serve Hong Kong, Mainland China, and other Asia-Pacific economies.

The Department offers three undergraduate programmes in Business Economics, Finance and Quantitative Finance and Risk Management; and four postgraduate programmes in Applied Economics, Banking, Finance and Financial Engineering. In addition, the Department offers two research degree programmes: MPhil and PhD in Economics and Finance.

The Department has over thirty regular and visiting faculty members, who are actively engaged in research and teaching. Many of them have outstanding research publication records, with their research papers appearing regularly in reputable international refereed journals, such as *American Economic Review*, *Journal of Economic Theory* and *Journal of Finance*. With regard to research publications, the Department is ranked among the top of all universities in the Asia-Pacific region.

The Department is committed to research efforts particularly in the financial markets of Hong Kong, Mainland China, and other Asia-Pacific economies as well as studies related to the global economy and international trade.

## Bachelor of Business Administration (Honours) in Business Economics

### General Information

This programme aims to train students to become business economists. It equips students with solid micro- and macro-economic theories, quantitative and communication skills, as well as an understanding of the institutional settings in which firms operate in the Asia-Pacific region.

In addition to learning the basic economic theories and quantitative techniques, students can, depending on their interests and career goals, develop their expertise in the areas of (i) international trade and finance, (ii) financial markets and institutions, (iii) urban and property markets, (iv) industry analysis and (v) economic strategy and experimental economics.

### Career Prospects

Business economics is playing an increasingly important role in managerial decision making in the business and government sectors. In today's job market that requires people to have excellent analytical ability and the versatility to take on multiple tasks in various institutions, a broad-based education offered by this programme is a tremendous advantage for students. Firms are particularly interested in the fields of economic strategies, policy analysis, and forecasting. Graduates are employed to analyze economic data, produce economic and business reports for use in investment and business decision-making. Most business economists are employed by companies in the fields of banking, manufacturing, transportation, utilities, insurance, real estate, finance, and retailing.

### Career Options

- Economic Analyst
- Financial Planner
- Investment Analyst
- Research, Planning and Development Officer



## Bachelor of Business Administration (Honours) in Finance

### General Information

This programme prepares students for responsible financial and asset management positions in the commercial and government sectors. Students are given vigorous training in asset valuation, financial management, as well as an understanding the operation of major financial markets and institutions. Graduates of this programme are able to apply their training and analytical ability to advise firms on any financial issues from raising debt and equity capital, portfolio and fund management, to corporate finance issues such as IPOs and mergers and acquisitions.

### Career Prospects

According to a manpower projection study conducted by the Hong Kong SAR Government, the growth of demand for manpower from the finance sector is estimated at an average of 2.7 percent per annum from 2001 to 2007, far exceeding the one percent average growth rate for all sectors. In particular, the demand for finance professionals with a university degree is projected to grow at an astonishing rate of 12.5 percent. This demand will continue to register strong growth as Hong Kong expands its business role in Mainland China and the Asia-Pacific region.

### Career Options

- Credit Analyst
- Investment Analyst
- Personal Financial Consultant
- Securities Broker

