

## Hong Kong Shue Yan University

### Minor Programme

#### Department of Economics and Finance

#### Minor Programme Offered: Minor in Finance

(Available for Year 1 entry: 2025 cohort onwards; Year 2 entry: 2026 cohort onwards; Year 3 entry: 2027 cohort onwards)

Students will be required to complete a minimum of 15 credits. The programme structure is shown below:

Course Code	Course Title	Credits	Pre-requisite(s)
Compulsory			
ECON 105 *	Quantitative Methods for Economics and Finance	3	Nil
FIN 245 *	Introduction to Corporate Finance	3	ECON 105 / ACCT 131 / BUS 220 / SOC 108 / SOC 221 / SOC 221A / PSY 103 / ADS 130
Electives (choose any 3 courses; at least one course at Level 300 or 400)			
ECON 324	Global Economics and Finance	3	Nil
FIN 205	Foundations of Finance	3	Nil
FIN 243	Money and Banking	3	Nil
FIN 321	ESG Finance	3	ECON 105 / ACCT 131 / BUS 220 / SOC 108 / SOC 221 / SOC 221A / PSY 103 / ADS 130
FIN 322	Financial Trading Strategies	3	ECON 105 / ACCT 131 / BUS 220 / SOC 108 / SOC 221 / SOC 221A / PSY 103 / ADS 130 / FIN 245
FIN 324	Financial Institutions in Hong Kong and Global Banking	3	Nil
FIN 347	Introduction to Financial Derivatives	3	ACCT 340 / BUS 308 / FIN 245
FIN 349	Wealth Management and Planning	3	ACCT 340 / BUS 308 / FIN 245
FIN 423	Financial Risk Analysis and Management	3	ACCT 340 / BUS 308 / FIN 245
FIN 445	Regulation and Management of Financial Institutions in Hong Kong	3	Nil
FIN 446	Property Valuation, Funding and Finance	3	Nil

\*Note: Double counting of overlapping courses is allowed for up to 6 credits. These credits will only count once towards the total credits attained by the student. Students who exceed this limit should take replacement courses selected from the list of Minor courses to fulfil the Minor credit requirement. Examples include:

	Students may apply for double counting of overlapping courses if they studied the following course previously:
ECON 105	ACCT131 or BUS220 or SOC108 or SOC221 or SOC221A or PSY103 or ADS130
FIN 245	ACCT340 or BUS308

## **Description of Courses**

### **ECON 105 Quantitative Methods for Economics and Finance**

This course aims to provide Year 1 students with a quantitative foundation in mathematics for economic and financial analysis. It further aims to equip students with knowledge in various quantitative techniques, such as differentiation, integration, optimization, annuities, and present values applicable to economic and financial problems and enable students to interpret the analytical results, and a broad overview of statistics.

### **ECON 324 Global Economics and Finance**

The course studies the topics in global economics and finance from a macroeconomic perspective. It covers the international monetary system, international trade models, trade policies, exchange rate determination, globalization and financial crisis. By the end of the course, students will be equipped with the framework, the tools and the institutional knowledge in evaluating the latest global economics and finance issues.

### **FIN 205 Foundations of Finance**

The course aims to provide students with the knowledge of investment products, financial analysis, risk management, and portfolio theory. Moreover, practical applications for real-world financing and asset allocation decisions will be covered.

### **FIN 243 Money and Banking**

This course aims to use basic economics models to develop students' understanding of the nature of a money economy, the structure of a banking system, principles and practice of bank management, and the role of monetary policy in the economy.

### **FIN 245 Introduction to Corporate Finance**

The course aims to provide students with the theory and practice of corporate finance that enable students to tackle the concepts and techniques of cash flows valuation, capital budgeting decisions, analysis of risk and return, estimation of cost of capital, capital structure theories and decisions, dividend distribution theories and policy, and working capital management.

### **FIN 321 ESG Finance**

The course aims to provide students with knowledge to understand the principles of green products, and analytical skills in constructing green asset portfolios and managing the risks for ESG projects. Moreover, the future opportunities and challenges for the development of ESG finance will be covered.

### **FIN 322 Financial Trading Strategies**

The course aims to equip students with skills and knowledge to design, implement, and evaluate trading strategies in different financial market environments. They should also have an understanding of the behavioural finance factors that impact trading decisions, and the roles of technology in financial trading.

### **FIN 324 Financial Institutions in Hong Kong and Global Banking**

Hong Kong is one of the most important financial centres in the world with the largest number of international banks and financial institutions. This course aims to develop students' understanding of the theoretical concepts about local financial institutions and the role of global banking in Hong Kong. It also aims to enhance students' abilities to analyze the interaction between global banking industry and local financial institutions. The challenges and prospects faced by the financial institutions in Hong Kong and global banking will also be discussed.

### **FIN 347 Introduction to Financial Derivatives**

The course aims to provide students with the knowledge and pricing theory of financial derivatives. Practical applications for hedging, arbitrage and speculating strategies using financial derivatives will also be covered. In addition, the course enables students to understand the development of financial derivatives, and ethical standards in the profession of financial derivatives.

### **FIN 349 Wealth Management and Planning**

The course aims to provide students with a comprehensive process of wealth planning and management, and equip them with the knowledge and skills that a wealth manager should acquire in assessing clients' financial needs and goals. Moreover, it helps students to develop asset allocation and portfolio management techniques. Students will also be trained to make all aspects of wealth management and planning decisions from an integrated perspective.

### **FIN 423 Financial Risk Analysis and Management**

This course provides an overview of the key theoretical concepts and principles underlying financial risk analysis and management, and demonstrates how these concepts and principles can be implemented in practice in a variety of contexts. It also discusses both quantitative and qualitative approaches in evaluating different risks faced by financial institutions. Specific topics include Value at Risk, liquidity coverage ratio, Basel III capital requirements and securitization.

### **FIN 445 Regulation and Management of Financial Institutions in Hong Kong**

The emergence of new financial products in the market and the recent global financial crisis have increased the importance of the regulation and management of financial institutions. The course aims to highlight the critical contribution that regulations make in maintaining the financial system's stability. It will also study the management of financial institutions from various perspectives.

### **FIN 446 Property Valuation, Funding and Finance**

This course is designed to equip students with an in-depth understanding of real estate markets. It discusses the essential techniques of valuing different kinds of properties, including residential building, office, retail and land. It also addresses issues which are related to property funding and investment.