

**(Study Scheme - English)**

**Programme Title**

Finance

**Study Scheme**

**Applicable to students admitted in 2023 -24 and thereafter**

**Major Programme Requirement**

Students are required to complete a minimum of 63 units of courses as follows:

	Units
1. Required School Package: ACT2111, 4253, ECO2011, 2021, 2121 (or STA2001), FIN2010 6 units of business courses from the following: DMS2030, MGT2020, MIS2051, MKT2010	24
2. Required Courses: ECO3121, FIN2020, 3080, 4210, MAT1001, 2040, 1002	21
3. Major Elective Courses: 9-18 units selected from the mandatory major elective list : FIN3210, 4060, 4080, 4110, 4120, 4220, 4231  0-9 units selected from the major elective list: ACT2121, 3011, 3153, 4213, CSC1001, DDA3020, DMS2030, 3002, 3003, ECO3011, 3021, 3160, 3211, 3410, 3420, FIN2210, 3060, 3070, 3330, 3340, 3370, 3380, 4050, 4270, 4280, 4312, 4313, 4560, FMA4200, 4800, FTE2001, 4003, MAT2002, 3007, 3280, 3300, 4500, MGT2020, 3010, 4020, 4060, 4188, 4230, MIS2051, MKT2010, 4220, RMS4060, STA2002, 3020, 4001, 4003	18
<b>Total:</b>	<b>63</b>

Notes:

- [a] ACT2111, 2121, 3011, 3153, 4213, ECO2011, 2121 (or STA2001), 3011, 3021, 3121, 3160, 3211, 3410, 3420, FMA4200, 4800, FTE2001, 4003, MAT1001, 1002, MGT4060 and FIN courses at 2000 and above level will be included in the calculation of Major GPA for honours classification.
- [b] The first 6 units received from the courses DMS2030, MGT2020, MIS2051, MKT2010 are counted as the Required School Package units. The remaining units are counted as Major Elective Courses units.
- [c] Due to curriculum development, the course code of DMS2051 is replaced by MIS2051.

(Study Scheme - Chinese)

課程名稱

金融學

修讀辦法

二〇二三至二四年度及以後入學學生適用

主修課程要求

學生須至少修畢以下科目共 63 學分：

學分

1. 學院課程：

ACT2111, 4253, ECO2011, 2021, 2121 (或 STA2001), FIN2010

24

6 學分選自以下科目：

DMS2030, MGT2020, MIS2051, MKT2010

2. 必修科目：

ECO3121, FIN2020, 3080, 4210, MAT1001, 2040, 1002

21

3. 主修選修科目：

9-18學分選自以下科目：

18

FIN3210, 4060, 4080, 4110, 4120, 4220, 4231

0-9學分選自以下科目：

ACT2121, 3011, 3153, 4213, CSC1001, DDA3020, DMS2030, 3002, 3003, ECO3011, 3021, 3160, 3211, 3410, 3420, FIN2210, 3060, 3070, 3330, 3340, 3370, 3380, 4050, 4270, 4280, 4312, 4313, 4560, FMA4200, 4800, FTE2001, 4003, MAT2002, 3007, 3280, 3300, 4500, MGT2020, 3010, 4020, 4060, 4188, 4230, MIS2051, MKT2010, 4220, RMS4060, STA2002, 3020, 4001, 4003

共：

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63

註：

[a] ACT2111, 2121, 3011, 3153, 4213, ECO2011, 2121 (或 STA2001), 3011, 3021, 3121, 3160, 3211, 3410, 3420, FMA4200, 4800, FTE2001, 4003, MAT1001, 1002, MGT4060 與 FIN2000 及以上程度的科目將會計入主修科目之平均績點，並用以釐定學位等級。

[b] 在以下四門科目 DMS2030, MGT2020, MIS2051, MKT2010 中所修的前 6 學分會計算在學院課程所需學分之內。其餘學分會計算成主修選修科目學分。

[c] 鑒於課程發展，DMS2051 科目編碼變更為 MIS2051。

(Recommended Course Pattern - English)

Recommended Course Pattern

1. Sufficient units should be allowed in each term for students to fulfill the University Core Requirements, which include: (i) 3 units of Chinese; (ii) 12 units of English; (iii) 1 unit of IT; (iv) 18 units of General Education; and (v) 2 units of Physical Education and Health.
2. Programmes with different streams/concentrations are required to provide the recommended pattern for each stream/concentration.

<b>Major Programme Requirement of <u>Finance</u></b>		
	<b>Recommended Course Pattern</b>	<b>Units</b>
<b>First Year of Attendance</b>	1 <sup>st</sup> term Required School Package: ACT2111, ECO2011 Major Required: MAT1001	6 3
	2 <sup>nd</sup> term Required School Package: ECO2121/STA2001, FIN2010, select one from courses DMS2030, MGT2020, MIS2051, MKT2010 Major Required: MAT2040	9 3
<b>Second Year of Attendance</b>	1 <sup>st</sup> term Required School Package: ECO2021, select one from courses DMS2030, MGT2020, MIS2051, MKT2010 Major Required: MAT1002	6 3
	2 <sup>nd</sup> term Major Required: ECO3121, FIN2020	6
<b>Third Year of Attendance</b>	1 <sup>st</sup> term Major Required: FIN4210 Major Elective(s): one course	3 3
	2 <sup>nd</sup> term Major Required: FIN3080 Major Elective(s): two courses	3 6
<b>Fourth Year of Attendance</b>	1 <sup>st</sup> term Major Elective(s): two courses	6
	2 <sup>nd</sup> term Required School Package: ACT4253 Major Elective(s): one course	3 3
<b>Total (Major Requirement including School Package):</b>		<b>63</b>

## (Recommended Course Pattern - Chinese)

## 修課推介

- 每學期均須預留足夠學分讓同學符合大學核心課程要求，包括：(一) 中文三學分；(二) 英文十二學分；(三) 信息科技一學分；(四) 通識教育十八學分及 (五) 體育與健康兩學分。
- 有不同專修範圍的課程須為每項專修範圍提供修課推介。

金融學主修課程要求		
	修課推介	學分
第一修業學年	第一學期 學院課程：ACT2111, ECO2011 主修必修科目：MAT1001	6 3
	第二學期 學院課程：ECO2121/STA2001, FIN2010, 四選一 DMS2030, MGT2020, MIS2051, MKT2010 主修必修科目：MAT2040	9 3
第二修業學年	第一學期 學院課程：ECO2021, 四選一 DMS2030, MGT2020, MIS2051, MKT2010 主修必修科目：MAT1002	6 3
	第二學期 主修必修科目：ECO3121, FIN2020	6
第三修業學年	第一學期 主修必修科目：FIN4210 主修選修科目：一科	3 3
	第二學期 主修必修科目：FIN3080 主修選修科目：兩科	3 6
第四修業學年	第一學期 主修選修科目：兩科	6
	第二學期 學院課程：ACT4253 主修選修科目：一科	3 3
合共 (主修要求包括學院課程):		<b>63</b>

## Course List

### I. Required School Package for the School of Management and Economics

Course Code	Course Title (English)	Course Title (Chinese)	Unit(s)
ACT2111	Introductory Financial Accounting	財務會計導論	3
ACT4253	Business Ethics and CSR	商業道德與企業社會責任	3
DMS2030	Operations Management	營運管理	3
ECO2011	Basic Microeconomics	微觀經濟學基礎	3
ECO2021	Basic Macroeconomics	宏觀經濟學基礎	3
ECO2121	Basic Statistics	統計學基礎	3
FIN2010	Financial Management	財務管理	3
MGT2020	Principles of Management	管理學原理	3
MIS2051	IT in Business Applications	商業應用中的資訊科技	3
MKT2010	Marketing Management	市場管理	3
STA2001	Probability and Statistics I	概率及統計 (一)	3

### II. Major required courses

Course Code	Course Title (English)	Course Title (Chinese)	Unit(s)
ECO3121	Introductory Econometrics	計量經濟學導論	3
FIN2020	Foundation of Finance	金融學基礎	3
FIN3080	Investment Analysis and Portfolio Management	投資分析與投資組合管理	3
FIN4210	Corporate Finance	公司金融學	3
MAT2040	Linear Algebra	線性代數	3
MAT1001	Calculus I	微積分 I	3
MAT1002	Calculus II	微積分 II	3

### III. Elective courses

#### Mandatory Major Electives

Course Code	Course Title (English)	Course Title (Chinese)	Unit(s)
FIN3210	Fintech Theory and Practice	金融科技理論與實踐	3
FIN4060	Financial Markets in China and the World	中國與世界的金融市場	3
FIN4080	Behavioral Finance	行為金融學	3
FIN4110	Options and Futures	期權與期貨	3
FIN4120	Fixed Income Securities Analysis	固定收益證券分析	3
FIN4220	Advanced Corporate Finance	高級公司金融	3
FIN4231	Asset Pricing	資產定價	3

#### Major Electives

Course Code	Course Title (English)	Course Title (Chinese)	Unit(s)
ACT2121	Introductory Management Accounting	管理會計導論	3

ACT3011	Intermediate Financial Reporting	中級財務會計	3
ACT3153	Business and Company Law	商業法及公司法	3
ACT4213	Financial Statement Analysis	財務報表分析	3
CSC1001	Introduction to Computer Science: Programming Methodology	計算機科學導論：程式設計方法	3
DDA3020	Machine Learning	機器學習	3
DMS2030	Operations Management	營運管理	3
DMS3002	Applied Probability and Stochastic Process in Business	應用概率和隨機過程	3
DMS3003	Data Analytics and Decision Making	數據分析和決策制定	3
ECO3011	Intermediate Microeconomic Theory	中級微觀經濟理論	3
ECO3021	Intermediate Macroeconomic Theory	中級宏觀經濟理論	3
ECO3160	Game Theory and Business Strategy	博弈論與商業戰略	3
ECO3211	Quantitative Methods for Policy Evaluation	政策評估的計量方法	3
ECO3410	Economics of Money and Financial Institutions	貨幣與金融機構經濟學	3
ECO3420	Financial Economics	金融經濟學	3
FIN2210	Probability for Finance	金融概率	3
FIN3060	Banking	銀行業	3
FIN3070	International Financial Management	國際金融管理	3
FIN3330	Alternative Investments	另類投資	2
FIN3340	Financial Innovations and Alternative Investment	金融創新及另類投資	3
FIN3370	Research Methods in Finance	金融學研究方法	3
FIN3380	Introduction to Financial Data Analysis	金融數據分析導論	3
FIN4050	Mergers and Acquisitions	兼併和收購	3
FIN4270*	Thesis in Finance	金融學論文	3
FIN4280*	Thesis in Finance II	金融學論文 II	3
FIN4312*	Directed Research in Finance I	金融學定向研究 I	3
FIN4313*	Directed Research in Finance II	金融學定向研究 II	2
FIN4560	Market Microstructure and Algorithmic Trading	程式化交易與市場微觀結構	3
FMA4200	Financial Data Analysis	金融資料分析	3
FMA4800	Financial Computation	金融計算	3
FTE2001	FinTech Regulation and Legal Policy	金融科技規則與法律	3
FTE4003	Data Mining for FinTech	數據挖掘技術	3
MAT2002	Ordinary Differential Equation	常微分方程	3
MAT3007	Optimization	最優化	3
MAT3280	Probability Theory	概率論	3
MAT3300	Mathematical Modeling	數學建模	3
MAT4500	Stochastics Differential Equations	隨機微分方程	3
MGT2020	Principles of Management	管理學原理	3
MGT3010	Organizational Behavior	組織行為學	3

MGT4020	Case Study	案例分析	3
MGT4060	Corporate Strategies and Management	企業戰略與管理	3
MGT4188	Internship / Practicum / Research	實習/研究	3
MGT4230	Innovation and Entrepreneurship	創新與創業	3
MIS2051	IT in Business Applications	商業應用中的資訊科技	3
MKT2010	Marketing Management	市場管理	3
MKT4220	Big Data Marketing	大數據營銷	3
RMS4060	Risk Management with Derivatives	風險管理及衍生品的應用	3
STA2002	Probability and Statistics II	概率及統計（二）	3
STA3020	Statistical Inference	統計推斷	3
STA4001	Stochastic Process	隨機過程	3
STA4003	Time Series	時間序列	3

\* Each student can either take the track of FIN4270 *Thesis in Finance* / FIN4280 *Thesis in Finance II* (for students with CGPA 3.5 or higher) or the track of FIN4312 *Directed Research in Finance I* / FIN4313 *Directed Research in Finance II* (for students with CGPA less than 3.5) based on their CGPA.

學生可根據其 CGPA 選擇 *FIN4270 金融學論文* / *FIN4280 金融學論文II* 方向 (CGPA 為 3.5 及以上), 或選擇 *FIN4312 金融學定向研究 I* / *FIN4313 金融學定向研究 II* 方向 (CGPA 為 3.5 以下)。