

(Study Scheme - English)

Programme Title

Economics

Study Scheme

Applicable to students admitted in 2023-24

Major Programme Requirement

Studies in Economics are divided into TWO main streams and students are required to specialize in one of the streams:

- (1) Business Economics; and
- (2) Economic Science

Business Economics Stream

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

	Units
1. Required School Package:	21
ACT2111, 4253, ECO2011, 2021, 2121 ^[a] , FIN2010 3 units of business courses selected from the following: DMS2030, MGT2020, MIS2051, MKT2010	
2. Required Courses:	24
ECO3011, 3021, 3080, 3090, 3121, MAT1001, 1002, 2040	
3. Elective Courses:	18
18 units selected from the following (at least 9 units from the economics courses with code started with ECO): ACT2121, 3153, CSC1001, 1002, DMS2030, 3002, 3003, ECO3010, 3110, 3150, 3160, 3211, 3230, 3390, 3410, 3420, 3430, 3460, 3470, 3480, 3610, 3620, 3630, 3650, 3710, 4001, 4002, 4010, 4020, 4121, 4270, 4280, 4312, 4313, 4430, 4901, FIN3080, 4060, 4080, 4110, 4210, 4560, IDE2000, 2097, 3000, 4000, MGT2020, 3010, 3250, 4210, MIS2051, MKT2010, 3020, 4120, STA2002, 3010, 3020, 4003, 4030	
Total:	63

Notes:

[a] Students who have passed STA2001 can be exempted from ECO2121.

[b] Courses included in the calculation of Major GPA for honours classification: FIN3080, 4060, 4080, 4110, 4210, MAT1001, 1002 and ECO courses at 2000 and above level.

- [c] The first 3 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.

Economic Science Stream

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

	Units
1. Required School Package: ACT2111, ECO2011, 2021, FIN2010, STA2001	15
2. Required Courses: ECO3011, 3021, 3121, 3160, 3211, 4121, MAT1001, 1002, 2040, STA2002	30
3. Elective Courses: 18 units selected from the following (at least 6 units from the economics courses with code started with ECO) CSC1001, 1002, DMS3002, 3003, ECO3010, 3080, 3090, 3110, 3150, 3230, 3390, 3410, 3420, 3430, 3460, 3470, 3480, 3610, 3620, 3630, 3650, 3710, 3730, 4001, 4002, 4270, 4280, 4312, 4313, 4430, 4901, FIN3080, 4060, 4080, 4110, 4210, 4560, MAT1003, 1004, 2002, 2006, 2050, 3004, 3005, 3006, 3007, 3093, 3280, 3300, STA3010, 3020, 4003, 4030	18
Total:	63

Notes:

- [a] Courses included in the calculation of Major GPA for honours classification: FIN4060, 4080, 4210, MAT1001, 1002 and ECO courses at 2000 and above level.

(Study Scheme - Chinese)

課程名稱

經濟學

修讀辦法

二〇二三至二四年度入學學生適用

主修課程要求

本課程分設兩項專修範圍，學生須選修其中一項專修範圍：

- (1) 商務經濟學；及
- (2) 經濟科學

商務經濟學專修範圍

學生須至少修畢以下科目共 63 學分：

	學分
1. 學院課程：	21
ACT2111, 4253, ECO2011, 2021, 2121 ^[a] , FIN2010	
3 學分選自以下科目：	
DMS2030, MGT2020, MIS2051, MKT2010	
2. 必修科目：	24
ECO3011, 3021, 3080, 3090, 3121, MAT1001, 1002, 2040	
3. 選修科目：	18
從以下選修18學分（其中至少9學分來自於經濟學科目）：	
ACT2121, 3153, CSC1001, 1002, DMS2030, 3002, 3003, ECO3010, 3110, 3150, 3160, 3211, 3230, 3390, 3410, 3420, 3430, 3460, 3470, 3480, 3610, 3620, 3630, 3650, 3710, 4001, 4002, 4010, 4020, 4121, 4270, 4280, 4312, 4313, 4430, 4901, FIN3080, 4060, 4080, 4110, 4210, 4560, IDE2000, 2097, 3000, 4000, MGT2020, 3010, 3250, 4210, MIS2051, MKT2010, 3020, 4120, STA2002, 3010, 3020, 4003, 4030	
共：	<hr/> 63

註：

[a] 學生通過科目 STA2001 將可豁免科目 ECO2121。

[b] 以下科目將會計入主修科目之平均績點，並用以釐定學位等級：FIN3080, 4060, 4080, 4110, 4210, MAT1001, 1002 和 ECO2000 及以上程度的科目。

[c] 在以下四門科目 DMS2030, MGT2020, MIS2051, MKT2010 中所修的前三個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。

經濟科學專修範圍

學生須至少修畢以下科目共 63 學分：

	學分
1. 學院課程： ACT2111, ECO2011, 2021, FIN2010, STA2001	15
2. 必修科目： ECO3011, 3021, 3121, 3160, 3211, 4121, MAT1001, 1002, 2040, STA2002	30
3. 選修科目： 從以下選修18學分（其中至少6學分來自於經濟學科目）： CSC1001, 1002, DMS3002, 3003, ECO3010, 3080, 3090, 3110, 3150, 3230, 3390, 3410, 3420, 3430, 3460, 3470, 3480, 3610, 3620, 3630, 3650, 3710, 3730, 4001, 4002, 4270, 4280, 4312, 4313, 4430, 4901, FIN3080, 4060, 4080, 4110, 4210, 4560, MAT1003, 1004, 2002, 2006, 2050, 3004, 3005, 3006, 3007, 3093, 3280, 3300, STA3010, 3020, 4003, 4030	18
共：	<hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 63

註：

[a] 以下科目將會計入主修科目之平均績點，並用以釐定學位等級：FIN4060, 4080, 4210, MAT1001, 1002 和 ECO2000 及以上程度的科目。

(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.

Major Programme Requirement of <u>Economics</u>		
	Recommended Course Pattern (<u>Business Economics Stream</u>)	Units
First Year of Attendance	1 st term Required School Package: ACT2111, ECO2011 Major Required: MAT1001	6 3
	2 nd term Required School Package: ECO2121, FIN2010, Major Required: MAT1002	6 3
Second Year of Attendance	1 st term Required School Package: ECO2021, select one from courses DMS2030, MGT2020, MIS2051, MKT2010 Major Required: MAT2040	6 3
	2 nd term Major Required: ECO3011, 3021, 3121	9
Third Year of Attendance	1 st term Major Required: ECO3080 Major Elective(s): two courses	3 6
	2 nd term Major Required: ECO3090 Major Elective(s): one course	3 3
Fourth Year of Attendance	1 st term Major Elective(s): two courses	6
	2 nd term Required School Package: ACT4253 Major Elective(s): one course	3 3
Total (Major Requirement including School Package):		63

(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.

Major Programme Requirement of <u>Economics</u>		
	Recommended Course Pattern (<u>Economic Science Stream</u>)	Units
First Year of Attendance	1 st term Required School Package: ECO2011 Major Required: MAT1001	3 3
	2 nd term Required School Package: ACT2111, STA2001 Major Required: MAT1002	6 3
Second Year of Attendance	1 st term Required School Package: ECO2021, FIN2010 Major Required: MAT2040, STA2002	6 6
	2 nd term Major Required: ECO3011, 3021, 3121	9
Third Year of Attendance	1 st term Major Required: ECO3160, 3211	6
	2 nd term Major Elective(s): two courses	6
Fourth Year of Attendance	1 st term Major Required: ECO4121 Major Elective(s): one course	3 3
	2 nd term Major Elective(s): three courses	9
Total (Major Requirement including School Package):		63

(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。

經濟學主修課程要求		
	修課推介 (商務經濟學專修範圍適用)	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, FIN2010 主修必修科目: MAT1002	6 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: MAT2040	6 3
	第二學期 主修必修科目: ECO3011, 3021, 3121	9
第三修業學年	第一學期 主修必修科目: ECO3080 主修選修科目: 兩科	3 6
	第二學期 主修必修科目: ECO3090 主修選修科目: 一科	3 3
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):		63

(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。

經濟學主修課程要求		
	修課推介 (經濟科學專修範圍適用)	學分
第一修業學年	第一學期 學院課程: ECO2011 主修必修科目: MAT1001	3 3
	第二學期 學院課程: ACT2111, STA2001 主修必修科目: MAT1002	6 3
第二修業學年	第一學期 學院課程: ECO2021, FIN2010 主修必修科目: MAT2040, STA2002	6 6
	第二學期 主修必修科目: ECO3011, 3021, 3121	9
第三修業學年	第一學期 主修必修科目: ECO3160, 3211	6
	第二學期 主修選修科目: 兩科	6
第四修業學年	第一學期 主修必修科目: ECO4121 主修選修科目: 一科	3 3
	第二學期 主修選修科目: 三科	9
合共 (主修要求包括學院課程):		63

Course List for Business Economics Stream

I. Required School Package

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 Corporate Social Responsibility	商業道德與企業社會責任	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
DMS2030	Operations Management	營運管理	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

II. Major Required courses

Course Code	Course Title (English)	Course Title (Chinese)	Unit(s)
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
ECO3121	Introductory Econometrics	計量經濟學導論	3
ECO3080	Machine Learning for Business	商業運用中的機器學習	3
ECO3090	Machine Learning for Financial Economics	機器學習與金融經濟學	3
MAT1001	Calculus I	微積分（一）	3
MAT1002	Calculus II	微積分（二）	3
MAT2040	Linear Algebra	線性代數	3

III. Elective courses

Course Code	Course Title (English)	Course Title (Chinese)	Unit(s)
ACT2121	Introductory Management Accounting	管理會計導論	3
ACT3153	Business and Company Law	商業法及公司法	3
CSC1001	Introduction to Computer Science: Programming Methodology	計算機科學導論：程式設計方法	3
CSC1002	Computational Laboratory	計算機實驗	1
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
ECO3010	Law, Economics and Society	法律、經濟學與社會	3
ECO3110	Behavioral Economics	行為經濟學	3

ECO3150	Digital Economics: Theory and Applications	數字經濟學：理論與應用	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
ECO3230	Economic Analysis of Law and Human Behavior	法律與人類行為的經濟分析	3
ECO3390	Directed Reading in Economics	經濟學指導閱讀	2
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
ECO3430	Public Finance	財政學	3
ECO3460	ESG Fundamentals	ESG 基礎概論	3
ECO3470	Labor Economics	勞動經濟學	3
ECO3480	Industrial Organization and Public Policy	工業組織與公共政策	3
ECO3610	International Trade	國際貿易	3
ECO3620	Data Analysis and Macroeconomic Policies	數據分析與宏觀經濟政策	3
ECO3630	International Finance	國際金融	3
ECO3650	Development Economics	發展經濟學	3
ECO3710	China Economy	中國經濟	3
ECO4001	Environmental Economics and Policy	環境經濟學與政策	3
ECO4002	Health Economics	衛生經濟學	3
ECO4010	Advanced Microeconomics	高級微觀經濟學	3
ECO4020	Advanced Macroeconomics	高級宏觀經濟學	3
ECO4121	Intermediate Econometrics	中級計量經濟學	3
ECO4270*	Thesis in Economics	經濟學論文	3
ECO4280*	Thesis in Economics II	經濟學論文 II	3
ECO4312*	Directed Research in Economics I	經濟學定向研究 I	3
ECO4313*	Directed Research in Economics II	經濟學定向研究 II	2
ECO4430	Welfare Economics	福利經濟學	3
ECO4901	Guided Study in Current Economic Problems	現代經濟問題導修	3
FIN3080	Investment Analysis and Portfolio Management	投資分析與投資組合管理	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
FIN4210	Corporate Finance	公司金融學	3
FIN4560	Market Microstructure and Algorithm Trading	程式化交易與市場微觀結構	3
IDE2000	How to Start a Startup	如何開始創業	3
IDE2097	Entrepreneurship Practicum	創業實習（一）	3
IDE3000	Entrepreneurship Apprenticeship I	創業學徒制 I	3

IDE4000	Entrepreneurship Capstone	創業總結科目	3
MGT2020	Principles of Management	管理學原理	3
MGT3010	Organizational Behavior	組織行為學	3
MGT3250	International Business	國際商務	3
MGT4210	Decision Making and Negotiation	決策與協商	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
MKT3020	Consumer Behavior	消費者行為	3
MKT4120	Marketing Research	市場研究	3
STA2002	Probability and Statistics II	概率及統計 (二)	3
STA3010	Regression Analysis	迴歸分析	3
STA3020	Statistical Inference	統計推斷	3
STA4003	Time Series	時間序列	3
STA4030	Categorical Data Analysis	範疇性數據分析	3

* Each student can either take the track of ECO4270 *Thesis in Economics I* / ECO4280 *Thesis in Economics II* (for students with CGPA 3.5 or higher) or the track of ECO4312 *Directed Research in Economics I* / ECO4313 *Directed Research in Economics II* (for students with CGPA less than 3.5) based on their CGPA.

* 学生可根据其 CGPA 选择 ECO4270 經濟學论文 I / ECO4280 經濟學论文 II 方向 (CGPA 为 3.5 及以上), 或选 ECO4312 經濟學定向研究 I / ECO4313 經濟學定向研究 II (CGPA 为 3.5 以下)。

Course List for Economic Science Stream

I. Required School Package

Course Code	Course Title (English)	Course Title (Chinese)	Unit(s)
ACT2111	Introductory Financial Accounting	財務會計導論	3
ECO2011	Basic Microeconomics	微觀經濟學基礎	3
ECO2021	Basic Macroeconomics	宏觀經濟學基礎	3
FIN2010	Financial Management	財務管理	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)
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
ECO3121	Introductory Econometrics	計量經濟學導論	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
ECO4121	Intermediate Econometrics	中級計量經濟學	3
MAT2040	Linear Algebra	線性代數	3
MAT1001	Calculus I	微積分（一）	3
MAT1002	Calculus II	微積分（二）	3
STA2002	Probability and Statistics II	概率及統計 II	3

III. Elective courses

Course Code	Course Title (English)	Course Title (Chinese)	Unit(s)
CSC1001	Introduction to Computer Science: Programming Methodology	計算機科學導論：程式設計方法	3
CSC1002	Computational Laboratory	計算機實驗	1
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
ECO3010	Law, Economics and Society	法律、經濟學與社會	3
ECO3080	Machine Learning for Business	商業運用中的機器學習	3
ECO3090	Machine Learning for Financial Economics	機器學習與金融經濟學	3
ECO3110	Behavioral Economics	行為經濟學	3
ECO3150	Digital Economics: Theory and Applications	數字經濟學：理論與應用	3
ECO3230	Economic Analysis of Law and Human Behavior	法律與人類行為的經濟分析	3
ECO3390	Directed Reading in Economics	經濟學指導閱讀	2

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
ECO3430	Public Finance	財政學	3
ECO3460	ESG Fundamentals	ESG 基礎概論	3
ECO3470	Labor Economics	勞動經濟學	3
ECO3480	Industrial Organization and Public Policy	工業組織與公共政策	3
ECO3610	International Trade	國際貿易	3
ECO3620	Data Analysis and Macroeconomic Policies	數據分析與宏觀經濟政策	3
ECO3630	International Finance	國際金融	3
ECO3650	Development Economics	發展經濟學	3
ECO3710	China Economy	中國經濟	3
ECO3730	Economic History	經濟史	3
ECO4001	Environmental Economics and Policy	環境經濟學與政策	3
ECO4002	Health Economics	衛生經濟學	3
ECO4270*	Thesis in Economics	經濟學論文	3
ECO4280*	Thesis in Economics II	經濟學論文 II	3
ECO4312*	Directed Research in Economics I	經濟學定向研究 I	3
ECO4313*	Directed Research in Economics II	經濟學定向研究 II	2
ECO4430	Welfare Economics	福利經濟學	3
ECO4901	Guided Study in Current Economic Problems	現代經濟問題導修	3
FIN3080	Investment Analysis and Portfolio Management	投資分析與投資組合管理	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
FIN4210	Corporate Finance	公司金融學	3
FIN4560	Market Microstructure and Algorithm Trading	程式化交易與市場微觀結構	3
MAT1003	Analysis I	數學分析 (一)	3
MAT1004	Analysis II	數學分析 (二)	3
MAT2002	Ordinary Differential Equation	常微分方程	3
MAT2006	Elementary Real Analysis	實分析基礎	3
MAT2050	Mathematical Analysis	數學分析	3
MAT3004	Abstract Algebra I	抽象代數 (一)	3
MAT3005	Abstract Algebra II	抽象代數 (二)	3
MAT3006	Real Analysis	實分析	3
MAT3007	Optimization	最優化	3
MAT3093	Fourier Analysis	傅立葉分析	3
MAT3280	Probability Theory	概率論	3

MAT3300	Mathematical Modeling	數學建模	3
STA3010	Regression Analysis	迴歸分析	3
STA3020	Statistical Inference	統計推斷	3
STA4003	Time Series	時間序列	3
STA4030	Categorical Data Analysis	範疇性數據分析	3

* Each student can either take the track of ECO4270 *Thesis in Economics* / ECO4280 *Thesis in Economics II* (for students with CGPA 3.5 or higher) or the track of ECO4312 *Directed Research in Economics I* / ECO4313 *Directed Research in Economics II* (for students with CGPA less than 3.5) based on their CGPA.

* 学生可根据其 CGPA 选择 ECO4270 經濟學论文 / ECO4280 經濟學论文 II 方向 (CGPA 为 3.5 及以上), 或选 ECO4312 經濟學定向研究 I / ECO4313 經濟學定向研究 II (CGPA 为 3.5 以下)。