

(Study Scheme – English)

Programme Title

Economics

Study Scheme

Applicable to students admitted in 2017-2018 and thereafter

Major Programme Requirement

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

- (1) Applied Economics; and
- (2) Economic Science.

Applied Economics Stream

Students are required to complete a minimum of 60 units of courses as follows:

	Units
1. Required School Package: ACT2111, 4253, ECO2011, 2021, 2121 ^[2] , FIN2010, DMS2051, DMS2030, MGT2020, MKT2010	30
2. Required Courses: ECO3011, 3021, 3121, 4121MAT1010 ^[3] 3010	18
3. Elective Courses: Select 18 units from: ACT2121, 3153; CSC1001, 1002; DMS3001, 3002; ECO3010, 3160, 3211, 3230, 3410, 3420, 3430, 3470, 3480, 3610, 3630, 4001, 4002, 4010, 4020, 4430; FIN3080, 4060, 4080, 4110, 4210, 4560; IDE2000, 2097, 3000, 4000; MAT2040; MGT3010;4210 MKT3020, 4120; STA2002, 3010, 3020, 4003, 4030 (at least 9 units from the economics courses with code started with ECO)	18
Total:	<hr/> 66

Economic Science Stream

Students are required to complete a minimum of 60 units of courses as follows:

	Units
1. Required School Package: ^[1] ECO2011, 2021, 2121 ^[2] , ACT2111,FIN2010	15

2. Required Courses: 33
ECO3011, 3021, 3121, 3160, 4010, 4020, 4901, MAT1010,
3010, 2040

3. Elective Courses: 18

ACT2111; CSC1001, 1002; ECO3010, 3160, 3211, 3230, 3410,
3420, 3430, 3470, 3480, 3610, 3630, 4001, 4002, 4010, 4020,
4430; DMS3002, 3003; FIN2010, 3080, 4060, 4080, 4110,
4210, 4560; MAT1003, 1004, 2002, 3004, 3005, 3006, 3007,
3093, 3280, 3300; STA2002, 3010, 3020, 4003, 4030
(at least 9 units from the economics courses with code started
with ECO)

Total: 66

Notes:

- [1] As students in this stream should concentrate on economic theory, required School Package courses are reduced to 9 units.
- [2] Students who have passed STA2001 can be exempted from ECO2121

課程名稱

經濟學

修讀辦法

二〇一七年度及之後入學學生適用

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) 應用經濟學；及
- (2) 經濟科學。

應用經濟學專修範圍

學生須至少修畢以下科目共 66 學分：

	學分
1. 學院課程： ACT2111, 4253, ECO2011, 2021, 2121 ^[2] , FIN2010, DMS2051, DMS2030, MGT2020, MKT2010	30
2. 必修科目： ECO3011, 3021, 3121, 4121, MAT1010 ^[3] 3010	18
3. 選修科目： 從下面課表中選擇 18 學分：ACT2121, 3153; CSC1001, 1002; DMS3001, 3002; ECO3010, 3160, 3211, 3230, 3410, 3420, 3430, 3470, 3480, 3610, 3630, 4001, 4002, 4010, 4020, 4430; FIN3080, 4060, 4080, 4110, 4210, 4560; IDE2000, 2097, 3000, 4000; MAT1003, 1004, 2040; MGT3010, 4219 MKT3020, 4120; STA2002, 3010, 3020, 4003, 4030 (其中至少9學分来自于经济学课程)	18
共：	66

經濟科學專修範圍

學生須至少修畢以下科目共 66 學分：

	學分
1. 學院課程： ^[1] ECO2011, 2021, 2121 ^[2] , ACT2111, FIN2010	15
2. 必修科目： ECO3011, 3021, 3121, 3160, 4010, 4020, 4121, 4901, MAT1010 ^[3] , 3010, 2040	33
3. 選修科目： 從主修科選修課表中選擇 18 學分： ACT2111; CSC1001, 1002; ECO3010, 3160, 3211, 3230, 3410, 3420, 3430, 3470, 3480, 3610, 3630, 4001, 4002, 4010, 4020, 4430; DMS3002, 3003; FIN2010, 3080, 4060, 4080, 4110, 4210, 4560; MAT1003, 1004, 2002, 3004, 3005, 3006, 3007, 3093, 3280, 3300; STA2002, 3010, 3020, 4003, 4030 (其中至少9學分来自于经济学课程)	18
共：	66

注:

[1] 由於該專修範圍的學生須集中精力於經濟理論，學院課程要求下調 95 學分。

[2] 學生通過課程 STA2001 將可豁免課程 ECO2121。

(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>Applied Economics</u>		
	Recommended Course Pattern	Units
	1 st term Required School Package: ECO2011, ACT2111 Major Required: MAT1010	6 3
	2 nd term Required School Package: ECO2121, FIN2010, DMS2051	9
	1 st term Required School Package: ECO2021, DMS2030 Major Required: MAT3010	6 3
	2 nd term Major Required: ECO3011, 3121,3021	9
	1 st term Required School Package: MKT2010 Major Required:ECO4121 Major Elective(s): one course	3 3 3
	2 nd term Required School Package: MGT2020 Major Elective(s): two course	3 6
	1 st term Major Elective(s): two courses	6
	2 nd term Required School Package: ACT4253 Major Elective(s): one courses	3 ¹ 3
Total (Major Requirement including School Package):		66

(Recommended Course Pattern - English)

Recommended Course Pattern for Economics Science Stream

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.

Major Programme Requirement of <u>Economics Science</u>		
	Recommended Course Pattern	Units
	1 st term Required School Package: ECO2011 Major Required: MAT1010 Major Elective(s): one course	3 3 3
	2 nd term Required School Package: ECO2121, ACT2111 Major Required: MAT2040	6 3
	1 st term Required School Package: ECO2021, FINA2010 Major Required: MAT3010	6 3
	2 nd term Major Required: ECO3011, 3021, 3121	9
	1 st term Major Required: ECO3160, 4121	6
	2 nd term Major Required: ECO4010 Major Elective(s): one course	3 3
	1 st term Major Required: ECO4020 Major Elective(s): two courses	3 6
	2 nd term Major Required: ECO4901 Major Elective(s): two courses	3 6
Total (Major Requirement including School Package):		66

修課推介：應用經濟學

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)資訊科技一學分；(四)通識教育十八學分及(五)體育與健康兩學分。

應用經濟學主修課程要求	
修課推介	學分
第一學期 學院課程: ECO2011, ACT2111 主修必修科目: MAT1010	6 3
第二學期 學院課程: ECO2121, FIN2010, DMS2051	9
第一學期 學院課程: ECO2021, DMS2030 主修必修科目: MAT3010	6 3
第二學期 主修必修科目: ECO3011, 3021, 3121	9
第一學期 學院課程: MKT2010 主修必修科目: ECO4121 主修選修科目: 一科	3 3 3
第二學期 學院課程: MGT2020 主修選修科目: 兩科	3 6
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):	66

修課推介：經濟科學

1. 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)資訊科技一學分；(四)通識教育十八學分及(五)體育與健康兩學分。
2. 有不同專修範圍的課程須為每項專修範圍提供修課推介。

經濟科學主修課程要求		
修課推介		學分
第一學期 學院課程: ECO2011, ACT2111 主修必修科目: MAT1010 主修選修科目: 一科		6 3 3
第二學期 學院課程: ECO2121, FIN2010 主修必修科目: MAT2040		6 3
第一學期 學院課程: ECO2021, 主修必修科目: MAT3010 ^[2]		6
第二學期 主修必修科目: ECO3011, 3121, 3021		9
第一學期 主修必修科目: ECO3021, 4121		6
第二學期 主修必修科目: ECO4010 ^[2] 主修選修科目: 一科		3 3
第一學期 主修必修科目: ECO4020 ^[2] 主修選修科目: 兩科		3 6
第二學期 主修必修科目: ECO4901 主修選修科目: 兩科		3 3 6
合共 (主修要求包括學院課程):		66

Course List for Applied 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	Legal Environment, Business Ethics and CSR in China	中國法律環境、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
STA2001	Probability and Statistics I	概率及統計(一)	3
DMS2030	Operations Management	營運管理	3
DMS2051	IT in Business Applications	商業應用中的資訊科技	3
MGT2020	Principles of Management	管理學原理	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
ECO4121	Intermediate Econometrics	中級計量經濟學	3
MAT1010	Calculus for Economic Analysis I	微積分 I	3
MAT3010	Calculus for Economic Analysis II	微積分 II	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
ECO3010	Law, Economics and Society	法律、經濟學與社	3

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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
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
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
ECO3630	International Finance	國際金融	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
ECO4430	Welfare Economics	福利經濟學	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	創業學徒制	3
IDE 4000	Entrepreneurship Capstone	創業總結科目	3
MAT2040	Linear Algebra	線性代數	3

MAT3007	Optimization	最優化	3
MGT3010	Organizational Behavior	組織行為學	3
MGT4210	Innovation and Entrepreneurship		TBC
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

Course List for Economic Science Stream

I. Required School Package

Course Code	Course Title (English)	Course Title (Chinese)	Unit(s)
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
ACT2111	Introductory Financial Accounting	財務會計導論	3
FIN2010	Financial Management	財務管理	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
ECO3160	Game Theory and Business Strategy	博弈論與商業戰略	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
ECO4901	Guided Study in Current Economic Problems	現代經濟問題導修	3
MAT1010	Calculus for Economic Analysis I	微積分 I	3
MAT2040	Linear Algebra	線性代數	3
MAT3010	Calculus for Economic Analysis II	微積分 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		3
DMS3003	Data Analytics and Decision Making		3
ECO3010	Law, Economics and Society	法律、經濟學與社會	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
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
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
ECO3630	International Finance	國際金融	3
ECO4001	Environmental Economics and Policy	環境經濟學與政策	3
ECO4002	Health Economics	衛生經濟學	3
ECO4430	Welfare Economics	福利經濟學	3
FIN3080	Investment Analysis and Portfolio Management	投資分析與投資組合管理	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	Mathematical Analysis I	數學分析 (一)	3
MAT1004	Mathematical Analysis II	數學分析 (二)	3
MAT2002	Ordinary Differential Equation	常微分方程	3
MAT2040	Linear Algebra	線性代數	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
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
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