

**REGULATIONS FOR THE DEGREE OF  
BACHELOR OF ECONOMICS AND FINANCE  
(BEcon&Fin)**

*These regulations apply to students admitted in the academic year 2001-2002 and thereafter.*

*(See also General Regulations and Regulations for First Degree Curricula)*

---

**Admission to the degree**

**BEF 1** To be eligible for admission to the degree of Bachelor of Economics and Finance, candidates shall

- (a) comply with the General Regulations;
  - (b) comply with the Regulations for First Degree Curricula; and
  - (c) satisfy all the requirements of the curriculum in accordance with the regulations that follow and the syllabuses of the degree.
- 

**Length of study**

**BEF 2** The curriculum shall normally require six semesters of full-time study, spreading over three academic years. Candidates shall in any case be required to complete the curriculum within five academic years, unless otherwise permitted by the Dean of the Faculty or his designate.

---

**Completion of the curriculum**

**BEF 3** To complete the curriculum, candidates

- (a) shall satisfy the requirements prescribed in UG 3 of the Regulations for First Degree Curricula;
  - (b) shall enrol and attempt examination in not less than 180 credits of courses, in the manner specified in the syllabuses;
  - (c) shall normally be required to satisfactorily complete at least 60 credits of courses in an academic year, in a manner as prescribed in the syllabuses;
  - (d) shall normally select not less than 24 and not more than 39 credits of courses in each semester or not more than 78 credits in an academic year, unless otherwise permitted or required by the Dean of the Faculty or his designate; and
  - (e) may be required by the Dean of the Faculty or his designate to take a reduced study load if their academic progression is unsatisfactory.
- 

**Selection of courses**

**BEF 4** Candidates shall select courses in accordance with these regulations and the guidelines specified in the syllabuses before the beginning of each semester. Changes to the selection of courses may be made during the first two weeks of each semester, and such changes shall not be reflected in the transcript of the candidates. Requests for changes after the first two weeks of a semester shall not be considered, and candidates withdrawing from any course without permission after the first two weeks of a semester shall be given an F grade.

**BEF 5** Candidates shall not be permitted to select a second- or third-year course for which the failed course forms a prerequisite unless permission is given by the department concerned to sit a qualifying examination in the failed course and satisfy the examiners in this.

## Assessment

**BEF 6** Candidates shall be assessed for each of the courses which they have registered for, and assessment may be conducted in any one or any combination of the following manners: written examinations or tests, continuous assessment of performance, laboratory work, field work, research or project reports, or in any other manner as specified in the syllabuses.

---

## Grades

**BEF 7** Grades shall be awarded in accordance with UG 5 of the Regulations for First Degree Curricula.

**BEF 8** Candidates shall not be permitted to repeat courses for which they have received a pass grade for upgrading purposes.

---

## Absence from examination

**BEF 9** Failure to take the examination as scheduled will automatically result in course failure under normal circumstances. Candidates who are unable, because of illness or other acceptable reason, to be present at any examinations of a course, may apply for permission to present themselves for examination at some other time.

---

## Failure in examination

**BEF 10** Candidates who have failed a course will be required to retake the course again or to take another course as substitution in the case of failure in an elective course.

**BEF 11** The maximum number of attempts for a particular course, including retakes and re-examinations, is three.

---

## Unsatisfactory performance

**BEF 12** Candidates shall be put on probation, in accordance with the arrangements of the Faculty, if their semester GPA is lower than 1.5 in any semester; and shall be recommended for discontinuation under the provisions of General Regulations G 12 if their semester GPA is lower than 1.5 for two consecutive semesters.

---

## Award of degree

**BEF 13** To be eligible for the award of the degree of BEcon&Fin, candidates shall have

- (a) achieved a cumulative GPA of 1.5 or above;
- (b) accumulated a minimum of 180 credits and passed all the compulsory courses required in the syllabuses; and
- (c) satisfied the requirements in UG 3 of the Regulations for First Degree Curricula.

**Degree classification**

**BEF 14** The degree of Bachelor of Economics and Finance shall be awarded in five divisions:

First Class Honours  
 Second Class Honours Division One  
 Second Class Honours Division Two  
 Third Class Honours  
 Pass

**BEF 15** The classification of honours shall be determined by the Board of Examiners at its full discretion by taking into account the overall performance of the candidates and other relevant factors as appropriate.

**SYLLABUSES FOR THE DEGREE OF  
 BACHELOR OF ECONOMICS AND FINANCE**

1. Candidates must enrol and attempt examination in not less than 180 credits of courses in accordance with the regulations and the syllabuses. In addition, the 180 credits of courses should be completed in the following manner:
 

Language/Information Technology/Broadening courses	24 credits
Core courses - first year	36 credits
- second/third year	30 credits
Economics/Finance electives	54 credits
Intra-faculty electives <sup>#</sup>	12 - 24 credits
Inter-faculty electives	12 - 24 credits
2. To fulfil the graduation requirement of this degree as specified by the Board of the Faculty of Business and Economics in accordance with UG 3 of the Regulations for First Degree Curricula, candidates must satisfactorily complete the credits of courses with an asterisk(\*) beside. Those courses are in one of the following areas of study: English language studies, Chinese language studies, science and technology, culture and value studies, and information technology.
3. The courses listed will not necessarily be offered every year; from time to time, depending on the exigencies of staffing, additional courses may be offered. The School of Economics and Finance will only offer electives for which sufficient student demand has been expressed in any one year.
4. There are no prerequisites for admission to these courses unless otherwise specified.
5. For courses offered by the Faculty of Business and Economics, the final examination is normally 2 hours in length, unless otherwise specified by individual teacher at the start of the semester. Final grading will be determined by performance in the examination and an assessment of coursework in a ratio that is to be announced by the teacher at the beginning of each semester.
6. Candidates may take a maximum of 78 credits of Year I level courses, unless otherwise specified in the syllabuses.

7. Candidates are required to take not less than 84 but not more than 96 credits of second/third year courses from those listed in the BEcon&Fin curriculum. 30 of the 84 credits are core: ECON2101, ECON2102, ECON0701, FINA0302/BUSI0011, and FINA2802/BUSI0024. Courses ECON2101, ECON2102 and FINA2802/BUSI0024 must be taken in the second year of study. The elective courses in the BEcon&Fin curriculum are grouped into List A (Economics courses) and List B (Finance courses). Students must select a minimum of 24 credits from List A and a minimum of 12 credits from List B.
8. Final year candidates may select up to four courses offered under the syllabuses for the Master of Economics (MEcon) as third year courses, subject to availability and the approval of the Director of the School of Economics and Finance. Each of these MEcon courses carries 6 credits, unless otherwise specified.
- # Candidates are permitted to choose 12 - 24 credits of intra-faculty electives from the School of Economics and Finance and the School of Business.

## YEAR ONE <sup>1</sup>

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
<b>BUSI1002.</b>	<b>Introduction to accounting<sup>2</sup></b>	6
<b>FINA1002.</b>	<b>Introduction to finance <i>or</i></b>	6
<b>BUSI0016.</b>	<b>Introduction to finance</b>	
<b>CBBA0001.</b>	<b>Practical Chinese language course for business, economics and finance students*</b>	3
<b>ECEN1904.</b>	<b>English for academic communication for economics and finance students*</b>	3
<b>ECON1001.</b>	<b>Introduction to economics I</b>	6
<b>ECON1002.</b>	<b>Introduction to economics II</b>	6
	Statistics requirement:	
<b>ECON1003.</b>	<b>Analysis of economic data <i>or</i></b>	6
<b>STAT1000.</b>	<b>Principles of statistics <i>or</i></b>	
<b>STAT1001.</b>	<b>Elementary statistical methods <i>or</i></b>	
<b>STAT1003.</b>	<b>Introductory statistics</b>	
	Mathematics requirement <sup>3</sup> :	
<b>MATH0801.</b>	<b>Basic Mathematics I <i>or</i></b>	6
<b>MATH0802.</b>	<b>Basic Mathematics II</b>	
<b>YITC1001.</b>	<b>Foundations to information technology<sup>4</sup></b>	3
<b>xxxxx.</b>	<b>Culture and value studies* <i>or</i></b>	3
<b>xxxxx.</b>	<b>Free inter-faculty elective*</b>	
<b>xxxxx.</b>	<b>Science and technology studies*</b>	3
<b>xxxxx.</b>	<b>Broadening courses/inter-faculty electives*</b>	6
<b>xxxxx.</b>	<b>Electives</b>	6

<sup>1</sup> Year one curricula structures for BEcon&Fin and BFin are identical.

<sup>2</sup> Permitted to defer to second year of study.

<sup>3</sup> Candidates with a pass in A-level Mathematics are exempted but must take another course in lieu of.

<sup>4</sup> Candidates are exempted from the course if they obtain a pass in the YITC1002 Information Technology Proficiency Test.

**YEAR TWO**

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
<b>ECEN2905.</b>	<b>English for professional communication for economics and finance students*</b>	<b>3</b>
<b>ECON0701</b>	<b>Introductory econometrics<sup>5</sup></b>	<b>6</b>
<b>ECON2101.</b>	<b>Microeconomic theory</b>	<b>6</b>
<b>ECON2102.</b>	<b>Macroeconomic theory</b>	<b>6</b>
<b>FINA0302.</b>	<b>Corporate finance<sup>5</sup> or</b>	<b>6</b>
<b>BUSI0011.</b>	<b>Corporate finance</b>	
<b>FINA2802.</b>	<b>Investments <i>or</i></b>	<b>6</b>
<b>BUSI0024.</b>	<b>Investments</b>	
<b>xxxxx.</b>	<b>Economics/Finance/intra-faculty/inter-faculty electives</b>	<b>27</b>

<sup>5</sup> Permitted to defer to third year of study.

**YEAR THREE**

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
<b>xxxxx.</b>	<b>Economic/Finance/intra-faculty/inter-faculty electives</b>	<b>60</b>

**YEAR TWO OR THREE ELECTIVES  
LIST A (ECONOMICS COURSES)**

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
<b>ECON0103.</b>	<b>The economics of human resources</b>	<b>6</b>
<b>ECON0104.</b>	<b>Public finance</b>	<b>6</b>
<b>ECON0106.</b>	<b>Games and decision</b>	<b>6</b>
<b>ECON0107.</b>	<b>History of economic thought</b>	<b>6</b>
<b>ECON0109.</b>	<b>Topics in macroeconomics</b>	<b>6</b>
<b>ECON0204.</b>	<b>Economics of finance</b>	<b>6</b>
<b>ECON0205.</b>	<b>Theories of investment</b>	<b>6</b>
<b>ECON0206.</b>	<b>Capital theory</b>	<b>6</b>
<b>ECON0207.</b>	<b>Monetary economics</b>	<b>6</b>
<b>ECON0208.</b>	<b>Economics of banking</b>	<b>6</b>
<b>ECON0209.</b>	<b>Finance and development</b>	<b>6</b>
<b>ECON0301.</b>	<b>Theory of international trade</b>	<b>6</b>
<b>ECON0302.</b>	<b>International finance</b>	<b>6</b>
<b>ECON0401.</b>	<b>Comparative economic systems</b>	<b>6</b>
<b>ECON0402.</b>	<b>Industrial organization</b>	<b>6</b>
<b>ECON0403.</b>	<b>The economics of property rights</b>	<b>6</b>
<b>ECON0405.</b>	<b>Economics of law</b>	<b>6</b>
<b>ECON0406.</b>	<b>The economy and the state</b>	<b>6</b>
<b>ECON0501.</b>	<b>Economic development</b>	<b>6</b>
<b>ECON0503.</b>	<b>Urban economic problems</b>	<b>6</b>
<b>ECON0504.</b>	<b>Transportation economics</b>	<b>6</b>
<b>ECON0601.</b>	<b>Economic development of China</b>	<b>6</b>

<b>ECON0602.</b>	<b>Foreign trade and investment in China</b>	6
<b>ECON0603.</b>	<b>The economic system of Hong Kong</b>	6
<b>ECON0605.</b>	<b>Economic history of China</b>	6
<b>ECON0606.</b>	<b>Current economic affairs</b>	6
<b>ECON0702.</b>	<b>Mathematical methods in economics</b>	6
<b>ECON0703.</b>	<b>Mathematical economics</b>	6
<b>ECON0706.</b>	<b>Uncertainty and information</b>	6
<b>ECON0707.</b>	<b>Economic forecasting</b>	6

---

**YEAR THREE ELECTIVES  
LIST A (ECONOMICS COURSES)**

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
<b>ECON3108.</b>	<b>Selected topics in price theory</b>	6
<b>ECON3505.</b>	<b>Project evaluation</b>	6
<b>ECON3801.</b>	<b>Reading course</b>	6
<b>ECON3802.</b>	<b>Dissertation</b>	12

---

**YEAR TWO OR THREE ELECTIVES  
LIST B (FINANCE COURSES)**

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
<b>FINA0102.</b>	<b>Financial markets and institutions <i>or</i></b>	6
<b>BUSI0017.</b>	<b>Financial markets and institutions</b>	
<b>FINA0103.</b>	<b>International banking</b>	6
<b>FINA0104.</b>	<b>Management of commercial banks</b>	6
<b>FINA0105.</b>	<b>International financial management</b>	6
<b>FINA0301.</b>	<b>Derivative securities <i>or</i></b>	6
<b>BUSI0069.</b>	<b>Derivative securities</b>	
<b>FINA0401.</b>	<b>Empirical finance</b>	6
<b>FINA0402.</b>	<b>Mathematical finance</b>	6
<b>FINA0501.</b>	<b>Asian financial institutions</b>	6
<b>FINA0804.</b>	<b>Fixed income securities <i>or</i></b>	6
<b>BUSI0056.</b>	<b>Fixed income securities</b>	
<b>FINA0805.</b>	<b>Real Estate Finance</b>	6
<b>FINA1001.</b>	<b>Financial statement analysis</b>	6

---

**YEAR THREE ELECTIVES  
LIST B (FINANCE COURSES)**

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
<b>FINA3806.</b>	<b>Risk Management</b>	6
<b>FINA3807.</b>	<b>Special topics in finance</b>	6
<b>FINA3601.</b>	<b>Reading course</b>	6
<b>FINA3602.</b>	<b>Dissertation</b>	12

Note: Year two and three syllabuses and course structure are subject to changes.

**YEAR ONE****BUSI1002. Introduction to accounting (6 credits)**

The course will cover the principles of double entry book-keeping, the interpretation of financial statements, the issues raised by corporate regulation, and the use of management information for decision making.

---

**FINA1002. Introduction to finance (6 credits)**

An introduction to finance with an emphasis on the decisions and issues faced by the firm. The course will also cover the interrelated topics of individuals choosing between different investment alternatives, and the functioning of capital markets in equating the supply and demand of capital. Specific areas covered include: the basics of valuation using discounted cash flows, valuation of stocks and bonds, valuation and choosing between competing projects, risk and return, the cost of capital, and financial planning and forecasting. Throughout the course, emphasis will be placed on the basic paradigms in finance including net present value, the capital asset pricing model and market efficiency. Remarks: It is advisable to take BUSI1002 Introduction to accounting prior to this course.

*OR*

**BUSI0016. Introduction to finance (6 credits)**

An introduction to finance with an emphasis on the decisions and issues faced by the firm. The course will also cover the interrelated topics of individuals choosing between different investment alternatives, and the functioning of capital markets in equating the supply and demand of capital. Specific areas covered include: the basics of valuation using discounted cash flows, valuation of stocks and bonds, valuation and choosing between competing projects, risk and return, the cost of capital, and financial planning and forecasting. Throughout the course, emphasis will be placed on the basic paradigms in finance including net present value, the capital asset pricing model and market efficiency. Remarks: It is advisable to take BUSI1002 Introduction to accounting prior to this course.

---

**CBBA0001. Practical Chinese language course for business, economics and finance students (3 credits)**

This course will cover the following topics: (1) practical Chinese writing skills (2) Chinese characters (3) letter-writing (4) office documents (5) Chinese for special purposes (6) presentation and communication techniques and (7) information technology in Chinese. Assessment: 50% coursework, 50% examination.

---

**ECEN1904. English for academic communication for economics and finance students (3 credits)**

The course prepares students to respond effectively to the communicative demands of academic study in English. Through text-based activities in class and investigative project work related to language and disciplinary issues, the course develops abilities to analyse and evaluate extended texts, and to produce clear and coherent spoken and written discourses. It also emphasizes oral presentation skills plus careful revision and editing of summaries and project reports to ensure that lexical and grammatical choices are correct and appropriate. Assessment: 100% coursework.

**ECON1001. Introduction to economics I (6 credits)**

An introduction to the basic concepts and principles of economics, with an emphasis on the theoretical framework of choice theory, the nature of constraints, the measure of value, the laws of demand and productivity, and the implications for resource use and employment.

---

**ECON1002. Introduction to economics II (6 credits)**

Further discussion of demand and supply and multi-market equilibrium, especially in an aggregative context. An introduction to money, banking, financial markets, and open economies.

---

**ECON1003. Analysis of economic data (6 credits)**

This course studies the measurement and interpretation of economic variables, and how to model their relationships using appropriate empirical methods. Topics include interpretation of headline statistics, describing economic aggregates, modeling of economic relationships and drawing conclusions from observations.

*OR*

**STAT1000. Principles of statistics (6 credits)**

This course introduces the basic principles of statistics for students who have a strong interest in Statistics. The discipline of statistics is concerned with uncertainty and variability often met in social studies, scientific investigations, financial analyses and indeed every aspect of our daily life. The course introduces important probabilistic techniques for studying uncertainty, and illustrates how such techniques can be applied to make statistical analysis and interpretation of data in simple settings. Assessment: 25% coursework, 75% examination.

Prerequisite: A-level Pure Mathematics *or* AS-level Mathematics & Statistics *or* equivalent. Compulsory for students in the Statistics Stream. Students taking *or* having taken STAT1001 *or* STAT1003 *or* STAT1006 *or* STAT1007 *or* STAT1008 *or* STAT1801 *or* STAT0601 *or* STAT0602 are not allowed to take this course.

*OR*

**STAT1001. Elementary statistical methods (6 credits)**

The discipline of statistics is concerned with situations involving uncertainty and invariability. Variability greatly affects the interpretation of data. Thus statistics forms an important descriptive and analytical tool for social sciences. This elementary course, which is taught without any technical mathematics, presents many standard situations of data interpretation. The statistical tests for these situations are presented. Assessment: 25% coursework, 75% examination.

Prerequisite: Not available to students with a pass in A-level Pure Mathematics. Students who have taken MATH0802 *or* have AS-level Mathematics & Statistics are eligible for this course, but are advised that STAT1003 may be a more suitable choice. Students taking *or* having taken STAT1000 *or* STAT1003 *or* STAT1006 *or* STAT1007 *or* STAT1008 *or* STAT1801 *or* STAT0601 *or* STAT0602 are not allowed to take this course.



OR

**STAT1003. Introductory statistics (6 credits)**

The discipline of statistics is concerned with situations involving uncertainty and invariability. The interpretation of data is greatly affected when variability plays a role, as it usually does. Thus statistics forms an important descriptive and analytical tool for social sciences. Candidates with a mathematical background will find this course suitable, because the language of mathematics allows the subject of statistics to be presented with economy and clarity. Assessment: 25% coursework, 75% examination.

Prerequisite: Either A-level Pure Mathematics *or* AS-level Mathematics & Statistics *or* MATH0801 *or* MATH0802 *or* MATH0901 *or* MATH0902. Students without these qualifications, but with grade C *or* better in A-level Physics, are deemed to have sufficient mathematical training to enrol in this course. Students who intend to major in either of the 3 themes “Risk Management”, “Mathematical Statistics” and “Applied Statistics” should take STAT1000 *or* STAT1007 *or* STAT0601 instead of this course. Students taking *or* having taken STAT1000 *or* STAT1001 *or* STAT1006 *or* STAT1007 *or* STAT1008 *or* STAT1801 *or* STAT0601 *or* STAT0602 are not allowed to take this course.

**MATH0801. Basic Mathematics I (6 credits)**

This course provides students with a basic background of calculus that can be applied in various disciplines, aiming at students not having done much mathematics beyond HKCEE mathematics. It can be followed by MATH0802/1803 *or* MATH1811/1812. Assessment: 40% coursework and a two-and-a-half hour examination (60%).

Prerequisite: HKCEE Mathematics (Additional Mathematics *or* AS Mathematics and Statistics *or* Mathematics at higher level not allowed).

OR

**MATH0802. Basic Mathematics II (6 credits)**

This course provides students with a more solid background of calculus of one and several variables and of matrices that can be applied in various disciplines, aiming at students having taken an elementary calculus course. It can be followed by MATH1803. Assessment: 40% coursework and a two-and-a-half hour examination (60%).

Prerequisite: HKCEE Mathematics and Additional Mathematics *or* AS Mathematics and Statistics *or* MATH0801 (AL Mathematics not allowed).

**YITC1001. Foundations to information technology (3 credits)**

To introduce the basic knowledge of Information Technology including concepts of computer hardware, software, PC systems, Internet and World Wide Web (WWW), multimedia, legal aspects of software, multilingual computing, and information search strategies; to enable students to use some useful software packages and some common communication tools; to enable students to appreciate the impact of Information Technology on teaching, learning, and research; to prepare students to survive and excel in the digital University environment and the modern society.

**YEAR TWO****ECEN2905. English for professional communication for economics and finance students (3 credits)**

The course prepares students to deal with basic competencies in the workplace. It focuses on the writing of various types of professional correspondence, including job applications, curricula vitae and business. Particular attention will be paid to producing appropriate language with reference to lexis and grammar. The course also emphasizes oral skills for meetings and discussions. Assessment: 100% coursework.

---

**ECON0701. Introductory econometrics (6 credits)**

This course is an elementary introduction to basic empirical techniques. Topics include: the linear regression model, model specification, properties of the linear model under alternative assumptions, dynamic and simultaneous equation models.

---

**ECON2101. Microeconomic theory (6 credits)**

The laws of demand, supply, returns, and costs; price and output determination in different market situations; theory of factor pricing and income distribution; general equilibrium; interest and capital.

---

**ECON2102. Macroeconomic theory (6 credits)**

Theories of income, employment, and the price level; analysis of secular growth and business fluctuations; introduction to monetary and fiscal policy.

---

**FINA0302. Corporate finance (6 credits)**

A course on the advanced treatment of corporate financial decisions. Topics to be covered include corporate valuation; cost of capital; capital structure; leasing; mergers and acquisitions; options; warrants; and convertible bonds.

Prerequisite: BUSI0016 Introduction to finance *or* FINA1002 Introduction to finance

*OR*

**BUSI0011. Corporate finance (6 credits)**

A course on the advanced treatment of corporate financial decisions. Topics to be covered include corporate valuation; cost of capital; capital structure; leasing; mergers and acquisitions; options; warrants; and convertible bonds.

Prerequisite: BUSI0016 Introduction to finance *or* FINA1002 Introduction to finance

---

**FINA2802. Investments (6 credits)**

A comprehensive analysis of various investment vehicles and portfolio management techniques. Topics covered: modern portfolio theory and asset pricing models, portfolio management, investment strategies, analysis of common stocks and bonds, and introduction to derivatives securities.

Prerequisite: BUSI0016 Introduction to finance *or* FINA1002 Introduction to finance

OR

**BUSI0024. Investments (6 credits)**

A comprehensive analysis of various investment vehicles and portfolio management techniques. Topics covered: modern portfolio theory and asset pricing models, portfolio management, investment strategies, analysis of common stocks and bonds, and introduction to derivatives securities.

Prerequisite: BUSI0016 Introduction to finance *or* FINA1002 Introduction to finance

---

**YEAR TWO OR THREE ELECTIVES  
LIST A (ECONOMICS COURSES)**

**ECON0103. The economics of human resources (6 credits)**

Investment in human capital; the economics of the family and of discrimination; wage determination and the operation of the labour market; the choice of labour contracts.

---

**ECON0104. Public finance (6 credits)**

Study of the role of government in the economy, using microeconomic theory. The course covers public expenditure analysis and methods of financing government expenditures. It explores the underlying theory of welfare economics as well as the economic effects of public policy such as public sector pricing, expenditure and tax policies.

---

**ECON0106. Games and decisions (6 credits)**

The course offers an introduction to the theory of games and decision making under uncertainty, illustrated by examples from specialized branches of economics. Topics may include: expected utility theory, moral hazard and adverse selection, bargaining over the division of a good, models of auctions and bidding behaviour, and the theory of repeated interaction.

---

**ECON0107. History of economic thought (6 credits)**

A reflection on the various ways modern economic ideas trace their roots to some major analytical writings of the old masters. Over time, some paradigms were better developed and some analysis more vigorously refined, while some important questions were lost. The course begins with the French School founded by Quesnay, and then proceeds along the English tradition: Smith, Ricardo, Mill and finally the Cambridge School from Marshall to Keynes. The Austrian School will also be introduced, covering some writings from Wicksell to Hayek.

---

**ECON0109. Topics in macroeconomics (6 credits)**

This course provides students with an up-to-date account of the theory and practice of modern macroeconomics. The following areas that have shaped modern macroeconomic research will be covered: real business cycle theory, endogenous growth theory, and new Keynesian theories of labour markets, asset markets and stick prices. Other selected topics on fiscal and monetary policy will also be discussed.

Prerequisites: ECON2101 Microeconomic theory *or* ECON2113 Microeconomic analysis, and  
ECON2102 Macroeconomic theory *or* ECON2114 Macroeconomic analysis

**ECON0204. The economics of finance (6 credits)**

A survey of the economic theory underlying corporate and investment finance models, with an emphasis on financial instruments. Topics include: balance sheet management and evaluation, capital market equilibrium and efficiency, evolution of credit and money market instruments like financial swaps, stocks and bonds, financial futures and options. Eurocurrencies and the role played by banks, insurance companies and other financial institutions.

---

**ECON0205. Theories of investment (6 credits)**

Applications of the theory of choice over time (capital theory) to the investment decisions of individuals, firms and economies, under different assumptions regarding certainty, uncertainty, and adjustment costs.

---

**ECON0206. Capital theory (6 credits)**

General equilibrium theory involving time under certainty conditions. The concepts of full information, stationary state, and steady state. Assumptions about information costs, transaction costs and complete markets. Fisher's separation theorem. Theory of consumption over discrete and continuous time. Theory of production over discrete and continuous time. Determination of general equilibrium over time. Intertemporal prices and interest rates.

---

**ECON0207. Monetary economics (6 credits)**

This course discusses the role of money in the economy, including how money affects inflation, interest rates and output and employment in both the static and dynamic contexts. Related topics are theories of money demand and supply, the conduct of monetary policy, rules vs. discretion, adaptive and rational expectations, time inconsistency, origin of money, electronic means of payments, currency boards and the monetary system of Hong Kong. Remarks: Students who have taken ECON0201 Money and banking are not allowed to take this course.

---

**ECON0208. Economics of banking (6 credits)**

This course examines the functions and behaviour of banks from an economic rather than a management perspective. Topics include origin of financial intermediaries, banks vs. non-bank financial institutions, organization of the banking industry, lender-borrower relationship, equilibrium credit rationing, banks as delegated monitors, banks in the macroeconomy, bank runs and systematic risks, risk management of the banking firm, and the regulation of banks. Remarks: Students who have taken ECON0201 Money and banking are not allowed to take this course.

---

**ECON0209. Finance and development (6 credits)**

This course studies the interaction between the financial sector and the rest of the economy, that is, how financial markets and institutions affect economic performance and vice versa. Topics include flow-of-funds accounts, financial structure and economic development, financial repression, financial liberalization and financial deepening, financial reform in developing and transition economies, banking crises and currency crises, capital account liberalization, the globalization of world capital markets, and financial policies and regulation.

**ECON0301. Theory of international trade (6 credits)**

The theory of international trade: the bases, direction, terms, volume, and gains of trade. The effects of tariffs, quantitative restrictions, and international integration.

---

**ECON0302. International finance (6 credits)**

The interpretation of balance of payments and the adjustment to national and international equilibria, through changes in price levels, exchange rates, and national income. Other topics may include: foreign exchange market and Eurocurrency market, alternative exchange rate regimes, capital movements, exchange controls, and international monetary organizations.

---

**ECON0401. Comparative economic systems (6 credits)**

Alternative approaches to the understanding of the operation of economic systems, including an approach based on different structures of property rights.

---

**ECON0402. Industrial organization (6 credits)**

Study of the pricing and output decisions of firms under conditions of less than perfect competition or monopoly; theories of oligopoly and monopolistic competition; information costs and advertising; examination of pricing practices such as price discrimination, tie-in selling, predatory pricing and resale price maintenance.

---

**ECON0403. The economics of property rights (6 credits)**

Implications of different structures of property rights for economic behaviour; rights structures classified in terms of exclusivity and transferability; costs of enforcing rights and of forming contracts as main constraints in the derivation of hypotheses; the Coase Theorem and the theories associated with contracting and with the dissipation of rent.

---

**ECON0405. The economics of law (6 credits)**

Economic analysis applied to law. Topics may include: efficiency of law, rules of liability, tort rights and remedies, criminal sanction, legislative processes as resource allocating and income distributing mechanisms.

---

**ECON0406. The economy and the state (6 credits)**

Economic analysis is applied to the study of public choice and the relationship between the state and the economy. Topics include: social choice, collective action, voting and elections, interest groups, bureaucracy, constitutions, law and courts, property rights and institutional change.

---

**ECON0501. Economic development (6 credits)**

Characteristics of underdevelopment; factors in economic development; theoretical and policy aspects of development.

**ECON0503. Urban economic problems (6 credits)**

Study of urban problems and urban economics, with an emphasis on microeconomic theory using elementary calculus. Topics covered: cost-benefit analysis and urban problems, urban public finance and fiscal federalism, urban transportation economics, housing market, theory of land rent and land use, environmental economics and pollution.

---

**ECON0504. Transportation economics (6 credits)**

Microeconomic theory applied to transportation, with an emphasis placed on intercity freight and passenger transportation. Topics include: cost function approach to transport supply, economies of scale and traffic density, structure of demand among discrete modal choices, value of time, forecasting of demand and modal split, optimal pricing and investment in infrastructure, contestable markets and the theory of network competition, and regulation of rates, entry and exit.

---

**ECON0601. Economic development of China (6 credits)**

An analytical study of the major problems in China's economic development since 1949. Topics include: economic heritage, development strategy, economic organization, planning, management, reform, and an evaluation of the Chinese experiments.

---

**ECON0602. Foreign trade and investment in China (6 credits)**

This course has three parts: China trade, Chinese financial markets and direct investment in China. For China trade, topics include: structure and trend of Chinese exports and imports, reform of Chinese foreign trade regime, foreign exchange rate regime and China's role in the new trade environment under the World Trade Organization. For Chinese financial markets, emphasis will be placed on Chinese financial institutions and markets including: the central banking system, the commercial banking industry, government and corporate debt markets, the stock market, and the foreign exchange market. For direct investment in China, theories of corporate finance and corporate governance will be used to analyze the behaviour of Chinese enterprises and the implications of such behaviour for foreign joint ventures. Government regulations will also be covered.

---

**ECON0603. The economic system of Hong Kong (6 credits)**

Various aspects of the economic system of Hong Kong: its economic structure, the public sector, monetary system and banking, foreign trade and balance of payments, industry, labour and service sector, land and housing, and economic relations with China.

---

**ECON0605. Economic history of China (6 credits)**

An overview of China's economy from the Han dynasty to the 20th Century and its relation with the rest of the world. Growth in productivity and population, development of transportation and market infrastructure, money and credit in the two Han, Sui/Tang, Song/Yuan, and Ming/Qing era. China's foreign trade in classical, medieval and modern times. European discovery of the New World and its impact on China's economy and trade. Comparison of 18th/19th century European economies and 20th century Asian economies. China's economic performance in the past two centuries and implications for the 21st century.

**ECON0606. Current economic affairs (6 credits)**

This seminar-style course is designed to train students to analyse economic problems of the day, particularly those relating to the Hong Kong economy. Students are expected to conduct supervised research on current economic problems and to lead and participate in classroom discussions.

Co-requisite: ECON0603 The economic system of Hong Kong

---

**ECON0702. Mathematical methods in economics (6 credits)**

The main emphasis of the course is to explain the mathematical structure of some undergraduate level economic theories, in terms of the way in which each particular mathematical assumption is translated into their economic counterpart. The course covers multi-variable unconstrained maximization, constrained maximization, comparative statics, and some dynamic economic models involving first order and second order differential equations.

---

**ECON0703. Mathematical economics (6 credits)**

Modern economic theory treated mathematically. Topics may include: applications of optimization to choice theory, applications of the implicit function theorem to comparative statics, applications of differential and difference equations to stability of equilibrium, applications of linear mathematics and fixed point theorems to Leontief and Arrow-Debreu models.

---

**ECON0706. Uncertainty and information (6 credits)**

This course examines the effects of uncertainty and information costs on individual decision making and market equilibrium. Topics may include the expected utility theorem, risk bearing and risk sharing, strategic uncertainty, search models, adverse selection, signaling equilibrium, contract theory, and mechanism design.

---

**ECON0707. Economic forecasting (6 credits)**

This course introduces basic techniques in forecasting economic structural relationships. Topics include smoothing, filters, arima models, unit roots and stochastic trends, vector autoregressions, cointegration and error correction, regime switching, volatility, diagnostics, model selection, forecast evaluation and combination.

Prerequisite: ECON0701 Introductory econometrics

---

**YEAR THREE ELECTIVES  
LIST A (ECONOMICS COURSES)**

**ECON3108. Selected topics in price theory (6 credits)**

Alternative meanings of economic efficiency, the specification of constraints for hypothesis testing, the problem of social cost, the dissipation of rent, the theory of the firm and the state, and/or other topics selected by the lecturer(s).

Prerequisites: ECON2101 Microeconomic theory *or* ECON2113 Microeconomic analysis, and  
ECON2102 Macroeconomic theory *or* ECON2114 Macroeconomic analysis

**ECON3505. Project evaluation (6 credits)**

This course covers the economic evaluation of projects from a public sector viewpoint using microeconomic tools. It explores the normative aspects of evaluating public projects and policies, the measurement of welfare change and public investment criteria, and employs basic financial analysis. Economic and financial evaluation of government projects and Build-Operate-Transfer infrastructure projects (so-called BOT projects) will be discussed.

---

**ECON3801. Reading course (6 credits)**

This course consists of supervised reading and written work. Candidates may specialize in one topic under the supervision of a lecturer(s). Examples of topics are: the problem of social cost, investment in human capital, general equilibrium theory, empirical methods in international trade, international monetary relations, theories of saving and the East Asian economies, and current economic problems of Hong Kong.

An original project paper is required in lieu of a written paper in the Examination. The project paper shall not exceed 10,000 words in length, and must be completed and presented not later than May 31 of the final year of the curriculum. The candidate shall submit a statement that the project paper represents his own work (or in the case of joint work, a statement countersigned by his co-worker(s), which shows the degree of his work) undertaken after the registration in the course.

---

**ECON3802. Dissertation (12 credits)**

A candidate may write a dissertation under the supervision of a lecturer(s). Topics offered may vary from year to year, depending on the research interests of the lecturer. A satisfactory dissertation may be offered in lieu of two written papers in the Examination.

A candidate must submit the title and an outline of his dissertation for approval by the Director of the School of Economics and Finance not later than January 1 of the final year of the curriculum, and the dissertation, which should not exceed 20,000 words in length, shall be completed and presented not later than May 31 of that academic year. (Note: The course extends over two semesters)

---

**YEAR TWO OR THREE ELECTIVS  
LIST B (FINANCE COURSES)**
**FINA0102. Financial markets and institutions (6 credits)**

This course discusses developed and developing financial markets, institutional and regulatory frameworks, recent developments in securitization, internationalization of markets. The general equilibrium of asset markets, the efficient market hypothesis, the behaviour of asset prices, and term structure of interest rates will be discussed. The markets to be covered include: money markets, bond markets, equity (stock) market, forward markets, futures markets, forex markets, insurance markets and others.

Prerequisite: BUSI0016 Introduction to finance *or* FINA1002 Introduction to finance

*OR*

**BUSI0017. Financial markets and institutions (6 credits)**

This course discusses developed and developing financial markets, institutional and regulatory frameworks, recent developments in securitization, internationalization of markets. The general equilibrium of asset markets, the efficient market hypothesis, the behaviour of asset prices, and term structure of interest rates will be discussed. The markets to be covered include: money markets, bond markets, equity (stock) market, forward markets, futures markets, forex markets, insurance markets and others.

Prerequisite: BUSI0016 Introduction to finance *or* FINA1002 Introduction to finance



**FINA0103. International banking (6 credits)**

Nature of international banking. Comparison with domestic banking. Jurisdiction and regulatory framework: the Basle Concordat. Xeno-currency markets and international banking. International financing techniques: loan syndication, project finance, NIFs, RUFs etc. Risk exposure and control: sovereign risk, country risk, exchange risk, interest risk and credit risk. Management and strategies of international banks. "National treatment" and financial centres.

---

**FINA0104. Management of commercial banks (6 credits)**

This course introduces basic bank management techniques that include: asset and liability management, liquidity and reserve management, credit analysis, loan pricing and off-balance-sheet banking. Regulatory issues of commercial banks are also discussed.

---

**FINA0105. International financial management (6 credits)**

The international corporation and its environment. Forex markets. Forex risk management. International working capital management. International treasury management. Foreign investment and capital budgeting. International financial markets: Euro-currency, Euro-bond, and Euro-notes markets.

---

**FINA0301. Derivative securities (6 credits)**

To provide a comprehensive analysis of the properties of options and futures and to offer a theoretical framework within which all derivatives can be valued and hedged. Topics covered: simple arbitrage relationships for forward and futures contracts, hedging and basis risk, stock index futures, swaps, trading strategies involving options, valuation of options using a binomial model and the Black-Scholes analysis, options on interest rates, stock indices, currencies and futures, and exotic options.

Prerequisite: BUSI0016 Introduction to finance *or* FINA1002 Introduction to finance

*OR*

**BUSI0069. Derivative securities (6 credits)**

To provide a comprehensive analysis of the properties of options and futures and to offer a theoretical framework within which all derivatives can be valued and hedged. Topics covered: simple arbitrage relationships for forward and futures contracts, hedging and basis risk, stock index futures, swaps, trading strategies involving options, valuation of options using a binomial model and the Black-Scholes analysis, options on interest rates, stock indices, currencies and futures, and exotic options.

Prerequisite: BUSI0016 Introduction to finance *or* FINA1002 Introduction to finance

---

**FINA0401. Empirical finance (6 credits)**

This course is a survey of the empirical research methods used most often in the analysis of financial markets and how they are applied to actual market data. Topics may include: tests of asset pricing and term structure models, efficient markets hypothesis, and event study methodology.

Prerequisite: ECON0701 Introductory econometrics

**FINA0402. Mathematical finance (6 credits)**

Arbitrage Theory. Properties of the portfolio frontier. Two fund separation. Valuation of state contingent claims. Derivative assets analysis. Multiperiod securities markets. Differential information.

---

**FINA0501. Asian financial institutions (6 credits)**

History and institutional aspects of financial markets in Hong Kong, Singapore, Thailand and other Asian economies. Regulatory policies and practices.

---

**FINA0804. Fixed income securities (6 credits)**

An integrated analysis of the market institutions, theory and empirical evidence in the area of fixed-income markets. Topics covered: Treasury markets, bond mathematics, arbitrage-free models of the term structure, corporate-debt pricing, convertible bonds, primary mortgage markets and securitization, immunization and portfolio insurance, valuation of futures and options on bonds, embedded options, and interest rate risk management.

Prerequisites: BUSI0016 Introduction to finance *or* FINA1002 Introduction to finance, and BUSI0069 Derivative securities *or* FINA0301 Derivative securities

*OR*

**BUSI0056. Fixed income securities (6 credits)**

An integrated analysis of the market institutions, theory and empirical evidence in the area of fixed-income markets. Topics covered: Treasury markets, bond mathematics, arbitrage-free models of the term structure, corporate-debt pricing, convertible bonds, primary mortgage markets and securitization, immunization and portfolio insurance, valuation of futures and options on bonds, embedded options, and interest rate risk management.

Prerequisites: BUSI0016 Introduction to finance *or* FINA1002 Introduction to finance, and BUSI0069 Derivative securities *or* FINA0301 Derivative securities

---

**FINA0805. Real estate finance (6 credits)**

An introduction to real estate economics, mortgage market, real estate auctions in Hong Kong, pre-sale market in Hong Kong, pricing of land and residential/commercial properties, mortgage-backed securities and mortgage company.

---

**FINA1001. Financial statement analysis (6 credits)**

This course covers the basic issues and concepts of financial accounting, the key financial statements, the mechanics of financial statement analysis and the limitations of using financial statement analysis, the application of the financial statement analysis to the valuation of firms and stock.

**YEAR THREE ELECTIVES  
LIST B (FINANCE COURSES)****FINA3806. Risk management (6 credits)**

This course introduces students to (1) the use of insurance in business and (2) corporate financial risk management. Topics include insurance contract analysis, life and health insurance, property and liability insurance, pensions, identifying and measuring financial risk, and managing financial risk using forwards, futures, swaps, options, and innovations such as caps, floors, collars, break and range forwards, and swaptions.

Prerequisites: BUSI0011 Corporate finance *or* FINA0302 Corporate finance, and  
BUSI0024 Investments *or* FINA2802 Investments

---

**FINA3807. Special topics in finance (6 credits)**

This course covers current developments in finance. Possible topics include security trading and market making, venture analysis, financial contracting, investment strategies for local markets and other current issues in finance. The exact topic to be offered will be determined by the lecturer(s).

Prerequisites: BUSI0011 Corporate finance *or* FINA0302 Corporate finance, and  
BUSI0024 Investments *or* FINA2802 Investments

---

**FINA3601. Reading course (6 credits)**

The course consists of supervised reading and written work. Candidates may specialize in one topic under the supervision of a lecturer(s).

An original project paper is required in lieu of a written paper in the Examination. The project paper shall not exceed 10,000 words in length, and must be completed and presented not later than May 31 of the final year of the curriculum. The candidate shall submit a statement that the project paper represents his own work (or in case of joint work, a statement countersigned by his co-worker(s), which shows the degree of his work) undertaken after the registration in the course.

---

**FINA3602. Dissertation (12 credits)**

A candidate may write a dissertation under the supervision of a lecturer(s). A satisfactory dissertation may be offered in lieu of two written papers in the Examination.

A candidate must submit the title and an outline of his dissertation for approval by the Director of the School of Economics and Finance not later than January 1 of the final year of the curriculum, and the dissertation, which should not exceed 20,000 words in length, shall be completed and presented not later than May 31 of that academic year (Note: The course extends over two semesters).