

**SYLLABUS FOR THE DUAL DEGREE OF BACHELOR OF ECONOMICS AND FINANCE [BECON&FIN] AT THE UNIVERSITY OF HONG KONG [HKU] AND BACHELOR OF ECONOMICS [BECON] AT PEKING UNIVERSITY [PKU]**

This syllabus applies to candidates admitted to the first year of study of the 4-year HKU-PKU Dual Bachelor's Degree in Economics and Finance in the academic year 2019-20.

- Candidates must enroll and attempt examination in not fewer than an equivalence of 320 credits of courses at HKU and PKU in accordance with the regulations and the syllabuses as set out below. Of all the credits completed at HKU and PKU, not fewer than an equivalence of 240 credits of courses should be completed for fulfilment of the following HKU BEcon&Fin curriculum requirements:

HKU BEcon&Fin Curriculum Requirements		Credits
A.	UG 5 Requirements [42 credits]	
	Languages*	18
	HKU Common Core Curriculum*	24
	Non-credit bearing courses as required by the University*	0
B.	Major in Economics [72 credits]	
	Introductory Level Core Courses	36
	Advanced Level Core Courses	18
	Economics Disciplinary Electives	12
	Capstone Course*	6
C.	Second Major in Finance [72 credits]	
	Advanced Level Core Courses	12
	Finance Disciplinary Electives <i>(12 credits of which are to be taken in lieu of the overlapped core courses between the two Majors)</i>	24
	Economics Disciplinary Electives <i>(to be taken in lieu of the overlapped core courses between the two Majors)</i>	12
	Free Electives <i>(to be taken in lieu of the overlapped Faculty Core courses between the two Majors)</i>	24
D.	Free Electives	54
Total Credit Requirements:		240

- Please refer to the Syllabus for the Degree of Bachelor of Economics and Finance for details of the curriculum requirements of the single BEcon&Fin degree at HKU.
- Candidates are required to complete a compulsory major of PKU in (i) Finance, or (ii) Financial Economics, which is part of the curriculum requirements of BEcon at PKU.
  - Candidates shall, unless otherwise approved by the BEcon/BEcon&Fin Programme Director, complete 138 (for students majoring in Finance of PKU) or 132 (for students majoring in Financial Economics of PKU) credits of courses and a thesis (equivalent to 4 credits) in their third and fourth years of study at HKU after successful completion of their first two years of study at PKU.
  - To fulfill the graduation requirement of the HKU BEcon&Fin degree as specified by the Board of the Faculty of Business and Economics in accordance with UG 5 of the Regulations for First Degree Curricula, candidates must satisfactorily complete the credits of courses at HKU and PKU identified by an asterisk (\*). Those courses include the following areas of study: English language enhancement (12 credits), Chinese language enhancement (6 credits) and Common Core courses (24 credits), and successful completion of a capstone experience and any other non-credit bearing courses as required by the University.
  - The Common Core courses are categorized under four Areas of Inquiry (AoI): "Science, Technology, and Big Data", "Arts and Humanities", "Global Issues", and "China: Culture, State and Society". Candidates must complete a total of 24 credits, comprising one course from each Area of Inquiry with not more than 24 credits of courses being selected within one academic year

- except where candidates are required to make up for failed credits.
6. The disciplinary electives in the HKU BEcon&Fin curriculum are grouped into List A (economics disciplinary electives) and List B (finance disciplinary electives).
  7. The courses listed in the syllabus will not necessarily be offered every year.
  8. For courses offered by the Faculty of Business and Economics, the final examination is normally 2 hours in length. Final grading will normally be determined by the final examination (30-60%) and coursework (40-70%) except for final project/final papers which will be assessed by 100% coursework.
  9. Candidates must take courses in the year of study indicated in the syllabus.

## Curriculum Structure

### 1. PKU

*First Year and Second Year (equivalent to 178-184 credits, with 106 credits in Year 1 and 72-78 credits in Year 2)*

<i>Course title</i>	<i>Year of study</i>
College English	1
An Introduction to Ideological and Moral Culture and Laws	1
Outline of Chinese Modern History	1
Events and Policies	1
Military Theory	1
Physical Education Class	1
Foundations of Computer Application	1
Advanced Mathematics (B) (1)	1
Advanced Mathematics (B) (2)	1
Linear Algebra (B)	1
Probability and Statistics	1
Business English (1) & (2)*	1
Economics	1
Microeconomics	1
Financial Accounting	1
Social Psychology Analysis	1
Lesson One in Guanghai	1
A Survey of Mao Tsetung Thoughts and Theory of Socialism with Chinese Characteristics	2
An Introduction to Marxist Basic Theory	2
Social Practice and Service Learning	2
Physical Education Class	2
Macroeconomics	2
Corporate Finance	2
Economics Disciplinary Course(s)	2
History of Western Economic Doctrines	2
Security Analysis and Investment <sup>1</sup>	2
<i>Complete two of the following:</i>	
Data Analysis and Statistical Software	2
Statistical Culture and Practice	2
Career Develop Strategy	2

*For students majoring in Finance of PKU:*

<i>Course title</i>	<i>Year of study</i>
Money and Finance	2
Financial Econometrics	2

*For students majoring in Financial Economics of PKU:*

<i>Course title</i>	<i>Year of study</i>
Financial Economics	2
Industrial Organization Analysis: Theory and Policy	2
Applied Econometrics	2

## 2. HKU

*Third Year and Fourth Year (132-138 credits, with 66-72 credits per year)*

<i>Course code</i>	<i>Course title</i>	<i>Year of Study</i>	<i>Credits</i>
CAES9920	Academic Communication for Business and Economics*	3	6
CBBA9003 <sup>2</sup> <i>or</i>	Practical Chinese for BEcon/BEcon&Fin/BSc(QFin) Students* <i>or</i>	3	6
CUND9002 <sup>2</sup> <i>or</i>	Practical Chinese and Hong Kong Society <i>or</i>		
CUND9003 <sup>2</sup>	Cantonese for Non-Cantonese Speaking Students		
CCXXxxxx	4 Common Core courses in four different Areas of Inquiry (3 courses in Year 3 and 1 course in Year 4)*	3 or 4	24
ECON2280	Introductory Econometrics	3	6
FINA2322	Derivatives	3	6
MKTG2501	Introduction to Marketing	3	6
ECON2264	Political Economy of Development in China	3 or 4	6
ECON2273	Economic History of China	3 or 4	6
IIMT2601	Management Information Systems	3 or 4	6
MGMT3476	Managing Organizational Change	3 or 4	6
ECON4200	Senior Seminar in Economics and Finance* (Capstone Course)	4	6
<i>Complete two of the following:</i>			
			12
IIMT3627	Venture and Entrepreneurship Management	3 or 4	
MKTG3501	Consumer Behaviour	3 or 4	
STRA3706	China's Business Environment	3 or 4	

*For students majoring in Finance of PKU:*

<i>Course code</i>	<i>Course title</i>	<i>Year of Study</i>	<i>Credits</i>
FINA2330	Financial Markets and Institutions	3 or 4	6
FINA2383	International Financial Management	3 or 4	6
FINA3323	Fixed Income Securities	3 or 4	6
FINA3350	Mathematical Finance	3 or 4	6
FINA4354	Financial Engineering	3 or 4	6
XXXXxxxx	Economics Disciplinary Electives <sup>3</sup>	3 or 4	12

*For students majoring in Financial Economics of PKU:*

<i>Course code</i>	<i>Course title</i>	<i>Year of Study</i>	<i>Credits</i>
ECON2223	Public Finance	3 or 4	6
ECON2232	Economics of Human Resources	3 or 4	6
XXXXxxxx	Finance Disciplinary Electives <sup>4</sup>	3 or 4	24

*Fourth Year (2 PKU units, equivalent to 4 HKU credits)*

Thesis<sup>5</sup>

### 3. PKU/HKU

*First/Second/Third/Fourth Year (0 credits)*

<i>Course code</i>	<i>Course title</i>	<i>Year of study</i>	<i>Credits</i>
XXXXXXXX	Non-credit bearing courses as required by the University*	1 or 2 or 3 or 4	0

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Notes:

1. *Security Analysis and Investment* is a Major Core course and a Major Elective for Finance Major and Financial Economics Major at PKU respectively.
  2. Putonghua-speaking students must take CUND9002 or CUND9003.
  3. Students majoring in Finance of PKU must complete at least 12 credits of economics disciplinary electives at HKU for fulfilment of HKU BEcon&Fin curriculum requirements. The economics disciplinary electives taken should map with the relevant disciplinary electives under PKU's Finance Major, otherwise students may be required to take extra credits in order to satisfy the relevant Major requirements of PKU. Students should seek advice from Guanghua School of Management in advance.
  4. Students majoring in Financial Economics of PKU must complete at least 24 credits of finance disciplinary electives for fulfilment of HKU BEcon&Fin curriculum requirements. The finance disciplinary electives taken should map with the relevant disciplinary electives under PKU's Financial Economics Major, otherwise students may be required to take extra credits in order to satisfy the relevant Major requirements of PKU. Students should seek advice from Guanghua School of Management in advance.
  5. Students are required to complete Thesis in Year 4 at HKU for fulfilment of the graduation requirement of PKU. The Thesis will not form part of HKU's enrolment record but will be recorded in HKU's academic transcript in the form of transcript text.
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## ECONOMICS DISCIPLINARY ELECTIVES (LIST A)

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
ECON2214	Games and Decisions	6
ECON2216	Industrial Organization	6
ECON2217	Economics of Networks	6
ECON2223	Public Finance	6
ECON2225	Economics of Population Changes	6
ECON2226	Chinese Economy	6
ECON2232	Economics of Human Resources	6
ECON2233	The Economics of Law	6
ECON2234	Transportation Economics	6
ECON2249	Foreign Trade and Investment in China	6
ECON2252	Theory of International Trade	6
ECON2253	International Macroeconomics	6
ECON2255	The Economic System of Hong Kong	6
ECON2257	Trade, Investment and Development in APEC Economies	6
ECON2262	Economic Development	6
ECON2264	Political Economy of Development in China	6
ECON2266	Urban Economics	6
ECON2271	Finance in History and Society	6
ECON2272	History of Economic Thought	6
ECON2273	Economic History of China	6
ECON2275	The Political Economy of Law and Public Policy	6
ECON2276	State, Law and the Economy	6
ECON2284	Mathematical Methods in Economics	6
ECON2285	Mathematical Economics	6
ECON2292	Current Economic Affairs	6
ECON3215	Uncertainty and Information	6
ECON3219	Selected Topics in Price Theory	6
ECON3220	Research on Chinese Economy	6
ECON3221	Macroeconomic Analysis for Emerging Markets Economies	6
ECON3222	Monetary Economics	6
ECON3223	Credit, Bubbles and the Macroeconomy	6
ECON3224	Health Economics	6
ECON3229	Topics in Macroeconomics	6
ECON3232	Environmental Economics	6
ECON3243	Capital Theory	6
ECON3283	Economic Forecasting	6
ECON3284	Introduction to Causal Inference and Statistical Learning	6
ECON3293	Reading Course	6
ECON4294	Dissertation	12

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## FINANCE DISCIPLINARY ELECTIVES (LIST B)

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
ACCT3114	Valuation using Financial Statements	6
FINA2311	Case Studies in Corporate Finance	6
FINA2312	Advanced Corporate Finance	6
FINA2330	Financial Markets and Institutions	6
FINA2331	Management of Commercial Banks	6
FINA2332	International Banking	6
FINA2342	Insurance: Theory and Practice	6
FINA2343	Lending and Credit in Private Banking and Corporate Banking (1)	6
FINA2344	Lending and Credit in Private Banking and Corporate Banking (2)	6
FINA2382	Real Estate Finance	6
FINA2383	International Financial Management	6
FINA2390	Financial Programming and Databases	6
FINA3317	Entrepreneurial Finance	6
FINA3318	China's Financial System and Markets	6
FINA3319	Green Finance and Impact Investing	6
FINA3322	Credit Risk	6
FINA3323	Fixed Income Securities	6
FINA3324	Interest Rate Models	6
FINA3325	Alternative Investments	6
FINA3326	Equity Valuation and Investment Management	6
FINA3327	Hedge Funds: Strategies, Business Management, and Institutions	6
FINA3334	Private Banking and Wealth Management	6
FINA3335	Current Issues in Asset Management and Private Banking Industry	6
FINA3340	Risk Management	6
FINA3350	Mathematical Finance	6
FINA3351	Spreadsheet Financial Modeling	6
FINA3353	Regulatory and Operational Issues in Finance	6
FINA3360	Financial Practicum	6
FINA3381	Behavioral Finance	6
FINA3382	Structured Finance and Securitization	6
FINA3383	Financial Regulations and Compliance	6
FINA3384	Special Topics in Finance	6
FINA3391	Reading Course	6
FINA4341	Quantitative Risk Management	6
FINA4350	Text Analytics and Natural Language Processing in Finance and Fintech	6
FINA4354	Financial Engineering	6
FINA4359	Big Data Analytics Applied Toward Quantitative Finance	6
FINA4392	Dissertation	12

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