

**SYLLABUS FOR THE DEGREE OF  
BACHELOR OF ECONOMICS AND FINANCE  
[BECON&FIN]**

This syllabus applies to candidates admitted to the first year of study of the 4-year curriculum in the academic year 2018-19 and thereafter.

1. Candidates must enroll and attempt examination in not fewer than 240 credits of courses in accordance with the regulations and the syllabuses. In addition, the 240 credits of courses should be completed in the following manner:

UG 5 requirements [54 credits]	
Languages*	18 credits
HKU Common Core Curriculum*	36 credits
Major in Economics [72 credits]	
- Core courses	60 credits
- Economics disciplinary electives	12 credits
Second Major in Finance [72 credits]	
- Core courses	60 credits
- Finance disciplinary electives	12 credits
Free Electives [42 credits]	42 credits
Total credits for degree programme	240 credits

2. To fulfill the graduation requirement of this 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 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 (36 credits), and successful completion of a capstone experience.
3. The Common Core courses are categorized under four Areas of Inquiry (AoI): Scientific and Technological Literacy, Humanities, Global Issues, and China: Culture, State and Society. Candidates must complete a total of 36 credits, comprising at least one and not more than two courses 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.
4. The following courses are designated as Faculty Core courses: ACCT1101, ECON1210, FINA1310 and a statistics course, as prescribed in the syllabus. Candidates are not required to re-take Faculty Core courses where any of these courses form part of the requirements of a second major offered by the Faculty of Business of Economics, however, candidates must complete an equivalent number of credits of free electives in lieu of the Faculty Core Courses.
5. The courses listed in the syllabus will not necessarily be offered every year.
6. 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.
7. Candidates majoring in Economics and Finance are required to take not fewer than 84 credits of advanced level courses from those listed in the BEcon&Fin syllabus. 36 of the 84 credits are core courses inclusive of ECON2210, ECON2220, ECON2280, ECON4200 (capstone course), FINA2320 and FINA2322. The disciplinary electives in the BEcon&Fin curriculum are grouped into List A (economics disciplinary electives) and List B (finance disciplinary electives). Students must select 24 credits from List A and 24 credits from List B for the Economics major and Finance major, respectively.

8. Candidates must take courses in the year of study indicated in the syllabus.
9. Candidates may select up to four courses offered under the syllabus for the Master of Economics (MEcon) degree as third or fourth year economics disciplinary electives in List A, subject to availability and the approval of the BEcon/BEcon&Fin Programme Director and the MEcon Programme Director. Each of these MEcon courses carries 6 credits, unless otherwise specified. Candidates should satisfy the requirements prescribed by the Faculty of Business and Economics.
10. Candidates should take note of any impermissible combinations of majors/minors listed in the document "Major/Minor Programmes offered by FBE" for the year concerned.
11. Candidates are not permitted to enroll in courses where significant portions of the course contents overlap with each other, or where the courses are mutually exclusive.

## 1. UG 5 requirements [54 credits]

### (a) Languages\* [18 credits]

<i>Course code</i>	<i>Course title</i>	<i>Year of Study</i>	<i>Credits</i>
CAES1000 <sup>#</sup>	Core University English*	1	6
CAES9920	Academic communication for business and economics*	2	6
CBBA9003 <sup>^</sup> <i>or</i>	Practical Chinese for BEcon/BEcon&Fin/BSc(QFin) students* <i>or</i>	3	6
CUND9002 <sup>^</sup> <i>or</i>	Practical Chinese and Hong Kong society <i>or</i>	1 or 2 or 3	
CUND9003 <sup>^</sup>	Cantonese for Non-Cantonese speaking students	1 or 2 or 3	

<sup>#</sup> Candidates who have achieved Level 5 or above in English Language in the Hong Kong Diploma of Secondary Education Examination, or equivalent, are exempted from this requirement, and Core University English is optional. Those who do not take this course should take an elective course in lieu, see *Regulation UG 6*.

<sup>^</sup> Putonghua-speaking students must take CUND9002 or CUND9003. Students who have not studied the Chinese language during their secondary education or who have not attained the requisite level of competence in the Chinese language to take CBBA9003 should write to the Board of the Faculty to apply for exemption from the Chinese language requirement and take a 6-credit Cantonese or Putonghua language course offered by the School of Chinese especially for international and exchange students, or take a free elective course, in lieu of CBBA9003. If a Cantonese or Putonghua language course offered by the School of Chinese or a free elective course is taken in lieu of CBBA9003, it may be taken in any year of study.

### (b) HKU Common Core Curriculum\* [36 credits]

<i>Course code</i>	<i>Course title</i>	<i>Year of Study</i>	<i>Credits</i>
CCXXxxxx	3 CC courses in any three Areas of Inquiry*	1	18
CCXXxxxx	2 CC courses in any two Areas of Inquiry*	2	12
CCXXxxxx	1 CC course in any Area of Inquiry*	3	6

## 2. First Major in Economics [72 credits]

<i>Course code</i>	<i>Course title</i>	<i>Year of study</i>	<i>Credits</i>
<b><i>Introductory Level Courses</i></b>			
ACCT1101	Introduction to financial accounting <sup>1, 6</sup>	1	6
ECON1210	Introductory microeconomics <sup>6</sup>	1	6
ECON1220	Introductory macroeconomics	1	6
FINA1310	Corporate finance <sup>2, 6</sup>	1	6
<b><i>Mathematics requirement<sup>3</sup> – choose one of the following:</i></b>			
MATH1009 <i>or</i>	Basic mathematics for business and economics <i>or</i>	1	6
MATH1013	University mathematics II		

<i>Course code</i>	<i>Course title</i>	<i>Year of study</i>	<i>Credits</i>
<i>Statistics requirement<sup>6</sup> – choose one of the following:</i>			
ECON1280 <i>or</i>	Analysis of economic data <i>or</i>	1 or 2	6
STAT1603	Introductory statistics		
<b><i>Advanced Level Courses</i></b>			
ECON2210	Intermediate microeconomics	2 or 3	6
ECON2220	Intermediate macroeconomics	2 or 3	6
ECON2280	Introductory econometrics	2 or 3	6
ECON4200	Senior seminar in economics and finance* (Capstone course)	4	6
ECONxxxx	Economics disciplinary electives	2 or 3 or 4	12

### 3. Second Major in Finance [72 credits]

<i>Course code</i>	<i>Course title</i>	<i>Year of study</i>	<i>Credits</i>
<b><i>Introductory Level Courses</i></b>			
ACCT1101	Introduction to financial accounting <sup>1, 6</sup>	1	6
ECON1210	Introductory microeconomics <sup>6</sup>	1	6
ECON1220	Introductory macroeconomics <sup>4</sup>	1	6
FINA1310	Corporate finance <sup>2, 6</sup>	1	6
<i>Mathematics requirement<sup>3, 5</sup> – choose one of the following:</i>			
MATH1009 <i>or</i>	Basic mathematics for business and economics <i>or</i>	1	6
MATH1013	University mathematics II		
<i>Statistics requirement<sup>6</sup> – choose one of the following:</i>			
ECON1280 <i>or</i>	Analysis of economic data <i>or</i>	1 or 2	6
STAT1603	Introductory statistics		
<b><i>Advanced Level Courses</i></b>			
ECON2280	Introductory econometrics <sup>4</sup>	2 or 3	6
FINA2320	Investments and portfolio analysis	2 or 3	6
FINA2322	Derivatives	2 or 3	6
ECON4200	Senior seminar in economics and finance* (Capstone course) <sup>5</sup>	4	6
FINAxxxx	Finance disciplinary electives	2 or 3 or 4	12

### 4. Free Electives [42 credits] – any courses except Common Core courses

#### Notes:

1. The course shall be taken in the first semester of the first year.
2. The course shall be taken in the second semester of the first year.
3. Candidates are strongly advised to take MATH1009. Candidates who intend to take advanced mathematics courses should consider taking MATH1013. The sequence of taking MATH1009 first and then MATH1013 is allowed but not *vice versa*. Candidates who have taken the course MATH1013 or equivalent shall be granted exemption from the mathematics requirement and must take a free elective of the same credit value in lieu of the mathematics requirement.
4. Candidates having taken ECON1220 and ECON2280 in fulfillment of the requirements of a first major in economics are required to take 12 credits of economics disciplinary electives (List A) in lieu of these courses.
5. Candidates having taken the prescribed mathematics course and ECON4200 (capstone course) in fulfillment of the requirements of a first major in economics are required to take 12 credits of finance disciplinary electives (List B) in lieu of these courses.
6. Candidates having taken the Faculty Core courses (ACCT1101, ECON1210, FINA1310 and a prescribed statistics course) in fulfillment of the requirements of a first major offered by the Faculty are required to take an equivalent number of credits of free electives in lieu of these courses.

**REFERENCE TABLE**

<b>Year</b>	<b>Lang.</b>	<b>Common Core</b>	<b>First Major and Second Major</b>	<b>Free Electives</b>	<b>Total</b>
<b>I</b>	6 credits	18 credits	30 credits	6 credits	60 credits
<b>II</b>	6 credits	12 credits	30 credits	12credits	60 credits
<b>III</b>	6 credits	6 credits	36 credits	12 credits	60 credits
<b>IV</b>	-	-	48 credits	12 credits	60 credits
<b>Total</b>	18 credits	36 credits	144 credits	42 credits	240 credits

## 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
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 economics	6
ECON2262	Economic development	6
ECON2264	Economic development of 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	Political economy of 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
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
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	6
FINA2382	Real estate finance	6
FINA2383	International financial management	6
FINA2390	Financial programming and databases	6
FINA3317	Entrepreneurial finance	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 and their strategies	6
FINA3334	Private banking and wealth management	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	Ethics, laws, regulations and compliance	6
FINA3384	Special topics in finance	6
FINA3391	Reading course	6
FINA4341	Quantitative risk management	6
FINA4350	Natural language processing and text analytics in finance	6
FINA4354	Financial engineering	6
FINA4359	Big data analytics applied toward quantitative finance	6
FINA4392	Dissertation	12

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