

**Requirements for Major and Minor Programmes offered by FBE**  
**2018-19 intake (4-Year curriculum)**

**I. Major/ Minor Programmes available for non-FBE students**

<b>Programme</b>	<b>Major</b>	<b>Minor</b>
Accounting	X	√
Asset Management and Private Banking	√	X
Business Design and Innovation	√	X
Economics	√	√
Finance	√	√
Human Resource Management	√	√
Information Systems	√	√
Marketing	√	√
Quantitative Finance	√	X
Wealth Management	√	X

**II. Requirements for Major Programmes**

Students are required to complete 72 credits of prescribed courses for each major as follows (except for major in Asset Management and Private Banking and major in Quantitative Finance which require 96 credits of prescribed courses):

**1. Major in Asset Management and Private Banking (96 credits)**

Note: Students must undergo a selection process.

<u>Course code</u>	<u>Course</u>	<u>Credits</u>
ACCT1101	Introduction to financial accounting	6
ECON1210	Introductory microeconomics	6
ECON1220	Introductory macroeconomics	6
FINA1310	Corporate finance	6
XXXXxxxx	One of the following prescribed statistics courses: ECON1280 Analysis of economic data <i>or</i> STAT1603 Introductory statistics	6
XXXXxxxx	One of the following prescribed mathematics courses: MATH1009 Basic mathematics for business and economics <sup>^</sup> <i>or</i> MATH1013 University mathematics II	6
FINA2320	Investments and portfolio analysis	6
FINA2330	Financial markets and institutions	6
FINA2343	Lending and credit in private banking and corporate banking	6
FINA3326	Equity valuation and investment management	6
FINA3334	Private banking and wealth management	6

FINA3383	Ethics, laws, regulations and compliance	6
FINA4321	Managing money in asset management and private banking (Capstone course)	6
Choose three of the following courses:		18
FINA2322	Derivatives <sup>#</sup>	
FINA2342	Insurance: theory and practice	
FINA2382	Real estate finance	
FINA3325	Alternative investments	
FINA3340	Risk management	
FINA3381	Behavioral finance	

<sup>^</sup> *MATH1009 Basic mathematics for Business and Economics is not open to students from the Faculty of Engineering and the Faculty of Science.*

<sup>#</sup> *FINA2322 is a prerequisite to FINA3334.*

## 2. Major in Business Design and Innovation (72 credits)

Note: Students must undergo a selection process arranged by the BDI Programme Co-ordinator in the 2<sup>nd</sup> semester of the second year of study.

<u>Course code</u>	<u>Course</u>	<u>Credits</u>
ACCT1101	Introduction to financial accounting	6
ECON1210	Introductory microeconomics	6
FINA1310	Corporate finance	6
XXXXxxxxx	One of the following prescribed statistics courses: ECON1280 Analysis of economic data <i>or</i> STAT1602 Business statistics <i>or</i> STAT1603 Introductory statistics	6
IIMT2601	Management information systems	6
MGMT2401	Principles of management	6
MKTG2501	Introduction to marketing	6
STRA4701	Strategic management (Capstone course)	6
Choose four of the following courses:		
IIMT3621	Creativity and business innovation	6
IIMT3623	Design thinking: concepts and applications	6
IIMT3624	Design studio	6
IIMT3626	Values-driven innovation	6

### 3. Major in Economics (72 Credits)

<u>Course code</u>	<u>Course title</u>	<u>Credits</u>
ACCT1101	Introduction to financial accounting	6
ECON1210	Introductory microeconomics	6
FINA1310	Corporate finance	6
XXXXxxxx	One of the following prescribed statistics courses: ECON1280 Analysis of economic data <i>or</i> STAT1603 Introductory statistics	6
XXXXxxxx	One of the following prescribed mathematics courses: MATH1009 Basic mathematics for business and economics <sup>^</sup> <i>or</i> MATH1013 University mathematics II	6
ECON1220	Introductory macroeconomics	6
ECON2210	Intermediate microeconomics	6
ECON2220	Intermediate macroeconomics	6
ECON2280	Introductory econometrics	6
ECON4200	Senior seminar in economics and finance (Capstone course)	6
ECONxxxx	Economics disciplinary electives (see list of economics disciplinary electives below)	12

<sup>^</sup> *MATH1009 Basic mathematics for Business and Economics is not open to students from the Faculty of Engineering and the Faculty of Science.*

### 4. Major in Finance (72 credits)

<u>Course code</u>	<u>Course</u>	<u>Credits</u>
ACCT1101	Introduction to financial accounting	6
ECON1210	Introductory microeconomics	6
FINA1310	Corporate finance	6
XXXXxxxx	One of the following prescribed statistics courses: ECON1280 Analysis of economic data <i>or</i> STAT1603 Introductory statistics	6
XXXXxxxx	One of the following prescribed mathematics courses: MATH1009 Basic mathematics for business and economics <sup>^</sup> <i>or</i> MATH1013 University mathematics II	6
ECON1220	Introductory macroeconomics	6
ECON2280	Introductory econometrics	6
ECON4200	Senior seminar in economics and finance (Capstone course)	6
FINA2320	Investments and portfolio analysis	6
FINA2322	Derivatives	6
FINAxxxx	Finance disciplinary electives (see list of finance disciplinary electives below)	12

^ *MATH1009 Basic mathematics for Business and Economics is not open to students from the Faculty of Engineering and the Faculty of Science.*

**5. Major in Human Resource Management (HRM) (72 credits)**

<u>Course code</u>	<u>Course</u>	<u>Credits</u>
ACCT1101	Introduction to financial accounting	6
ECON1210	Introductory microeconomics	6
FINA1310	Corporate finance	6
XXXXxxxx	One of the following prescribed statistics course: ECON1280 Analysis of economic data <i>or</i> STAT1602 Business statistics <i>or</i> STAT1603 Introductory statistics	6
IIMT2601	Management information systems	6
MGMT2401	Principles of management	6
MKTG2501	Introduction to marketing	6
STRA4701	Strategic management (Capstone course)	6
Choose four of the following courses:		
MGMT3403	Leadership	6
MGMT3404	Cross-cultural management	6
MGMT3405	Organizational behavior	6
MGMT3415	Principles of entrepreneurship	6
MGMT3429	Strategic human resources management	6
MGMT3434	Human resource: theory and practice	6
MGMT3475	Current topics in human resource management	6
MGMT3476	Managing organizational change	6

**6. Major in Information Systems (IS) (72 credits)**

<u>Course code</u>	<u>Course</u>	<u>Credits</u>
ACCT1101	Introduction to financial accounting	6
ECON1210	Introductory microeconomics	6
FINA1310	Corporate finance	6
XXXXxxxx	One of the following prescribed statistics courses: ECON1280 Analysis of economic data <i>or</i> STAT1602 Business statistics <i>or</i> STAT1603 Introductory statistics	6
IIMT2601	Management information systems	6
MGMT2401	Principles of management	6
MKTG2501	Introduction to marketing	6
STRA4701	Strategic management (Capstone course)	6
COMP3278 <i>or</i>	Introduction to database management systems <i>or</i>	6
IIMT3601	Database management	6
COMP3297 <i>or</i>	Software engineering <i>or</i>	6
IIMT3602	Information systems analysis and design	6
IIMT3603	Project management	6
IIMT4601	Information systems project management	6

## 7. Major in Marketing (72 credits)

<u>Course code</u>	<u>Course</u>	<u>Credits</u>
ACCT1101	Introduction to financial accounting	6
ECON1210	Introductory microeconomics	6
FINA1310	Corporate finance	6
XXXXxxxx	One of the following prescribed statistics courses: ECON1280 Analysis of economic data <i>or</i> STAT1602 Business statistics <i>or</i> STAT1603 Introductory statistics	6
IIMT2601	Management information systems	6
MGMT2401	Principles of management	6
MKTG2501	Introduction to marketing	6
STRA4701	Strategic management (Capstone course)	6
MKTG3501	Consumer behavior	6
MKTG3502	Marketing research	6
MKTG3525	Services marketing	6
MKTG3531	Strategic marketing management	6

## 8. Major in Quantitative Finance (96 credits)\*

<u>Course code</u>	<u>Course</u>	<u>Credits</u>
ACCT1101	Introduction to financial accounting	6
ECON1210	Introductory microeconomics	6
ECON1220	Introductory macroeconomics	6
FINA1310	Corporate finance	6
MATH1013	University mathematics II	6
MATH2014	Multivariable calculus and linear algebra	6
COMP1117	Computer programming	6
STAT2601	Probability and statistics I	6
ECON2280	Introductory econometrics	6
FINA2320	Investments and portfolio analysis	6
FINA2322	Derivatives	6
FINA3350	Mathematical finance	6
FINA3351	Spreadsheet financial modeling	6
Choose three of the following courses, at least one of them must be capstone course:		18
FINA2390	Financial programming and databases	
FINA3322	Credit risk	
FINA3323	Fixed income securities	
FINA3353	Regulatory and operational issues in finance	
ECON3283 <i>or</i>	Economic forecasting <i>or</i>	
STAT4601	Time series analysis	
MATH3405	Differential equations	
MATH3603 <i>or</i>	Probability theory <i>or</i>	
STAT3603	Stochastic processes	
FINA4341	Quantitative risk management (Capstone course)	

FINA4350	Natural language processing and text analytics in finance
FINA4354	Financial engineering (Capstone course)

*\*Important reminders about choosing Quantitative Finance QF as second major*

1. *QF a highly technical and demanding discipline that is suitable only for those with outstanding ability in quantitative skills, such as mathematics, statistics, and programming. Almost all first major QF students could achieve 5\* or 5\*\* in the DSE Extended Mathematic Module I or II.*
2. *Students who are interested in Finance in general but do not have outstanding quantitative skills are strongly advised to take Finance instead as a second major.*
3. *A number of senior-level courses in the QF programme are subject to class-size quota restriction. Students must be aware of the risk of not being able to enroll in these courses which may result in failure to meet all QF major requirements by graduation date or deferment of graduation date.*
4. *Second major QF students are not entitled to all the value-enhancing activities in the QF programme, such as international field trip, Round Table with Practitioners, and Executive Mentoring Scheme, which are reserved for first major students only.*
5. *There would be a selection process for students considering QF as their second major with effect from the 2016-17 intake.*

## 9. Major in Wealth Management (72 Credits)

<u>Course code</u>	<u>Course</u>	<u>Credits</u>
ACCT1101	Introduction to financial accounting	6
ECON1210	Introductory microeconomics	6
FINA1310	Corporate finance	6
XXXXxxxx	One of the following prescribed statistics courses: ECON1280 Analysis of economic data <i>or</i> STAT1602 Business statistics <i>or</i> STAT1603 Introductory statistics	6
IIMT2601	Management information systems	6
MGMT2401	Principles of management	6
MKTG2501	Introduction to marketing	6
STRA4701	Strategic management (Capstone course)	6
Choose four of the following:		
ACCT3107	Hong Kong taxation	6
FINA2320	Investment and portfolio analysis	6
FINA2322	Derivatives	6
FINA2342	Insurance: theory and practice	6
FINA3325	Alternative investments	6

### III. Requirements for Minor Programmes

Students are required to complete 36 credits of prescribed courses for each minor as follows:

#### 1. Minor in Accounting (36 credits)

<u>Course code</u>	<u>Course</u>	<u>Credits</u>
ACCT1101	Introduction to financial accounting	6
ECON1210	Introductory microeconomics	6
ACCT2102	Intermediate financial accounting I	6
ACCT2105	Introduction to management accounting	6
ACCT3103	Intermediate financial accounting II	6
ACCT3107	Hong Kong taxation	6

#### 2. Minor in Economics

<u>Course code</u>	<u>Course title</u>	<u>Credits</u>
ECON1210	Introductory microeconomics	6
ECON1220	Introductory macroeconomics	6
ECON2210	Intermediate microeconomics	6
ECON2220	Intermediate macroeconomics	6
XXXXxxxx	One of the following prescribed mathematics courses: MATH1009 Basic mathematics for business and economics^ <i>or</i> MATH1013 University mathematics II	6
ECONxxxx	Economics disciplinary elective	6

^ *MATH1009 Basic mathematics for Business and Economics is not open to students from the Faculty of Engineering and the Faculty of Science.*

#### 3. Minor in Finance

<u>Course code</u>	<u>Course</u>	<u>Credits</u>
ACCT1101	Introduction to financial accounting	6
ECON1210	Introductory microeconomics	6
FINA1310	Corporate finance	6
XXXXxxxx	One of the following prescribed statistics courses: ECON1280 Analysis of economic data <i>or</i> STAT1602 Business statistics <i>or</i> STAT1603 Introductory statistics	6
ECON1220	Introductory macroeconomics	6
FINA2320	Investments and portfolio analysis	6

#### 4. Minor in Human Resource Management (HRM) (36 credits)

<u>Course code</u>	<u>Course</u>	<u>Credits</u>
ACCT1101	Introduction to financial accounting	6
ECON1210	Introductory microeconomics	6
MGMT2401	Principles of management	6
MGMT3403	Leadership	6
MGMT3429	Strategic human resources management	6
MGMT3434	Human resource: theory and practice	6

#### 5. Minor in Information Systems (IS) (36 credits)

<u>Course code</u>	<u>Course</u>	<u>Credits</u>
ACCT1101	Introduction to financial accounting	6
ECON1210	Introductory microeconomics	6
IIMT2601	Management information systems	6
IIMT3601	Database management	6
IIMT3602	Information systems analysis and design	6
XXXXxxxx	Complete one of the following courses: ECON1280 Analysis of economic data <i>or</i> STAT1602 Business statistics <i>or</i> STAT1603 Introductory statistics	6

#### 6. Minor in Marketing (36 credits)

<u>Course code</u>	<u>Course</u>	<u>Credits</u>
ACCT1101	Introduction to financial accounting	6
ECON1210	Introductory microeconomics	6
MKTG2501	Introduction to marketing	6
MKTG3501	Consumer behavior	6
MKTG3502	Marketing research	6
MKTG3531	Strategic marketing management	6



#### IV. List of Disciplinary Electives for Major/Minor in Economics/Finance

##### Economics disciplinary electives

<b>Course code</b>	<b>Course title</b>	<b>Credits</b>
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 economies	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
ECON2280	Introductory econometrics (only for minor in Economics)	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 (final-year elective, only for major in Economics)	12

## Finance disciplinary electives

<b>Course code</b>	<b>Course title</b>	<b>Credits</b>
ACCT3114	Valuation using financial statements	6
FINA2311	Case studies in corporate finance	6
FINA2312	Advanced corporate finance	6
FINA2322	Derivatives (only for minor in 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 (final-year elective, only for major in Finance)	12

---