

**Requirements for Major and Minor Programmes offered by FBE**  
**2020-21 intake**

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

Programme	Major	Minor
Accounting	X	✓
Asset Management and Private Banking	✓	X
Business and Economy in China	X	✓
Economics	✓	✓
Entrepreneurship Design and Innovation	✓	X
Finance	✓	✓
Human Resource Management	✓	✓
Information Systems and Analytics	✓	✓
Marketing	✓	✓
Quantitative Finance	✓	X

**II. Requirements for Major Programmes**

Students are required to complete 78 credits of prescribed courses for each major as follows (except for Major in Quantitative Finance and Major in Asset Management and Private Banking 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 title</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> STAT1602 Business statistics <i>or</i> STAT1603 Introductory statistics	6
FINA2320	Investments and portfolio analysis	6
FINA2322	Derivatives	6
FINA2330	Financial markets and institutions	6
FINA2343	Lending and credit in private banking and corporate banking (1)	6
FINA3326	Equity valuation and investment management	6
FINA3334	Private banking and wealth management	6
FINA3335	Current issues in asset management and private banking industry	6
FINA3383	Financial regulations and compliance	6
FINA4321	Managing money in asset management and private banking (Capstone course)	6

Choose two of the following courses:	12
FINA2342	Insurance: theory and practice
FINA2344	Lending and credit in private banking and corporate banking (2)
FINA2382	Real estate finance
FINA3319	Green finance and impact investing
FINA3323	Fixed income securities
FINA3325	Alternative investments
FINA3340	Risk management
FINA3381	Behavioral finance
MATH1009 <sup>^</sup> <i>or</i>	Basic mathematics for business and economics <i>or</i>
MATH1013	University mathematics II

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

## 2. Major in Economics (78 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	18

(see list of economics disciplinary electives below)

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

### 3. Major in Entrepreneurship, Design and Innovation (EDI) (78 credits)

Note: Students must undergo a selection process arranged by the EDI Programme Coordinator in the 2nd semester of the second year of study.

<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> STAT1602 Business statistics <i>or</i> STAT1603 Introductory statistics	6
IIMT2601	Management information systems	6
IIMT3623	Design thinking: concepts and applications	6
IIMT3624	Design studio (Capstone course)	6
MGMT2401	Principles of management	6
MKTG2501	Introduction to marketing	6
STRA4701	Strategic management	6
	Choose three of the following courses, at least one of them must be <i>IIMT3627</i> or <i>IIMT3682</i> :	18
BUSI1807	Business consulting practicum	
IIMT3621	Creativity and business innovation	
IIMT3626	Values-driven innovation	
IIMT3627	Venture and entrepreneurship management	
IIMT3682	IT and entrepreneurship	

### 4. Major in Finance (78 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> STAT1602 Business statistics <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	12
XXXXxxxx	One of the following prescribed business courses: IIMT2601 Management information systems <i>or</i>	6

MGMT2401 Principles of management *or*  
 MKTG2501 Introduction to marketing

(see list of finance disciplinary electives below)

<sup>^</sup> *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) (78 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:	6
	ECON1280 Analysis of economic data <i>or</i>	
	STAT1602 Business statistics <i>or</i>	
	STAT1603 Introductory statistics	
IIMT2601	Management information systems	6
MGMT2401	Principles of management	6
MGMT3405	Organizational behaviour	6
MKTG2501	Introduction to marketing	6
STRA4701	Strategic management (Capstone course)	6
	Choose four of the following courses:	24
MGMT3403	Leadership	
MGMT3404	Cross-cultural management	
MGMT3415	Principles of entrepreneurship	
MGMT3429	Strategic human resources management	
MGMT3434	Human resource: theory and practice	
MGMT3475	Current topics in human resource management	
MGMT3476	Managing organizational change	

**6. Major in Information Systems and Analytics (ISA) (78 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:	6
	ECON1280 Analysis of economic data <i>or</i>	
	STAT1602 Business statistics <i>or</i>	
	STAT1603 Introductory statistics	
IIMT2601	Management information systems	6
IIMT2641	Introduction to business analytics	6
MGMT2401	Principles of management	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	
IIMT3603	Project management	6
IIMT3642	Managing and mining big data	6
IIMT4601	Information systems project management (Capstone course)	6
IIMT4602	Digital innovation	6

## 7. Major in Marketing (78 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> STAT1602 Business statistics <i>or</i> STAT1603 Introductory statistics	6
MGMT2401	Principles of management	6
MKTG2501	Introduction to marketing	6
MKTG3501	Consumer behaviour	6
MKTG3502	Marketing research	6
MKTG3524	Digital marketing	6
MKTG3531	Strategic marketing management (Capstone course)	6
	Choose two of the following courses:	12
MKTG3511	Advertising management	
MKTG3512	Brand management	
MKTG3523	Global marketing	
MKTG3525	Services marketing	
MKTG3526	Innovation and new product development	
	Choose one of the following courses:	6
MKTG3527	Pricing strategies	
MKTG3528	Marketing analytics	
MKTG3529	Social media marketing	

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

Note: Students must undergo a selection process.

<u>Course code</u>	<u>Course title</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
ECON2280	Introductory econometrics	6
FINA2320	Investments and portfolio analysis	6

FINA2322	Derivatives	6
STAT2601	Probability and statistics I	6
FINA3350	Mathematical finance	6
FINA3351	Spreadsheet financial modelling	6
Choose three of the following courses, at least one of them must be capstone course:		18
COMP2119	Introduction to data structures and algorithms	
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	Text analytics and natural language processing in finance and fintech	
FINA4359	Big data analytics applied toward quantitative finance	
FINA4354	Financial engineering (Capstone course)	
STAT2602	Probability and statistics II	

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

- (i) *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.*
- (ii) *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.*
- (iii) *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.*
- (iv) *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.*
- (v) *There would be a selection process for students considering QF as their second major with effect from the 2016-17 intake.*

### 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 title</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 Business and Economy in China (36 credits)

<u>Course code</u>	<u>Course title</u>	<u>Credits</u>
ECON2226	Chinese economy	6
STRA3706	China's business environment	6

Choose four of the following courses, comprising at least two from List A and at least one from List B: 24

List A:

ECON2249	Foreign trade and investment in China
ECON2264	Political economy of development in China
ECON2273	Economic history of China
ECON3220	Research on Chinese economy
FBEC2002	Field experience in Chinese economy: implications for global business
FBEC2003	Creativity, innovation and entrepreneurship in China I
FBEC2004	Creativity, innovation and entrepreneurship in China II
FINA3318	China's financial system and market
MKTG3524	Digital marketing

List B:

LLAW3088	Commercial dispute resolution in China
LLAW3153	China investment law
POLI3031	Politics of economic reform in China
SINO1003	Greater China: a multi-disciplinary introduction
SINO2003	Contemporary China studies: issues and perspectives

**3. Minor in Economics (36 credits)**

<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
MATHxxxx	One of the following prescribed mathematics courses: MATH1009 Basic mathematics for business and economics <sup>^</sup> <i>or</i> MATH1013 University mathematics II	6
XXXXxxxx	Economics disciplinary elective	6

<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. Minor in Finance (36 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> STAT1602 Business statistics <i>or</i> STAT1603 Introductory statistics	6
ECON1220	Introductory macroeconomics	6
FINA2320	Investments and portfolio analysis	6

**5. Minor in Human Resource Management (HRM) (36 credits)**

<u>Course code</u>	<u>Course title</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

**6. Minor in Information Systems and Analytics (ISA) (36 credits)**

<u>Course code</u>	<u>Course title</u>	<u>Credits</u>
ACCT1101	Introduction to financial accounting	6
ECON1210	Introductory microeconomics	6
IIMT2601	Management information systems	6
IIMT2641	Introduction to business analytics	6
IIMT3601	Database management	6
IIMT3602	Information systems analysis and design	6



**7. Minor in Marketing (36 credits)**

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

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

##### Economics disciplinary electives

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

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

### Finance disciplinary electives

<u>Course code</u>	<u>Course title</u>	<u>Credits</u>
ACCT3114	Valuation using financial statements	6
FINA2311	Case studies in corporate finance	6
FINA2312	Advanced corporate finance	6
FINA2322	Derivatives ( <i>only for minor in Finance</i> )	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 modelling	6
FINA3353	Regulatory and operational issues in finance	6
FINA3360	Financial practicum	6
FINA3381	Behavioural 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 ( <i>final-year elective, only for major in Finance</i> )	12