

## **Requirements for Major and Minor Programmes offered by FBE**

### **2024-25 intake**

#### **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 and Economy in China	X	✓
Economics	✓	✓
Entrepreneurship Design and Innovation	✓	X
Finance	✓	✓
Human Resource Management	✓	✓
Information Systems and Analytics	✓	✓
Marketing	✓	✓
Quantitative Finance	✓	X
Sustainability in Business	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.

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
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> IIMT1640 Probability and statistics for business <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
FINA3383	Financial regulations and compliance	6
FINA4321	Managing money in asset management and private banking (Capstone course)	6

Choose three of the following courses, at least one of them must be *FINA2385* or *FINA3385*: 18

FINA2342	Insurance: theory and practice
FINA2344	Lending and credit in private banking and corporate banking (2)
FINA2382	Real estate finance
FINA2385	Sustainability in business and finance
FINA3319	Green finance and impact investing
FINA3323	Fixed income securities
FINA3325	Alternative investments
FINA3327	Hedge funds: strategies, business management, and institutions
FINA3335	Current issues in asset management and private banking industry
FINA3336	Family office and asset owners
FINA3337	Venture capital and private equity
FINA3338	Multi-asset investing
FINA3339	Private credit
FINA3340	Risk management
FINA3381	Behavioural finance
FINA3384	Behavioural and sociological finance
FINA3385	ESG investing and sustainable banking
FINA3386	Digital assets

## 2. Major in Economics (78 credits)

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
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> IIMT1640 Probability and statistics for business <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 <sup>^</sup>	Introduction to financial accounting	6
ECON1210 <sup>^</sup>	Introductory microeconomics	6
FINA1310 <sup>^</sup>	Corporate finance	6
XXXXxxxx <sup>^</sup>	One of the following prescribed statistics courses: ECON1280 Analysis of economic data <b>or</b> IIMT1640 Probability and statistics for business <b>or</b> STAT1602 Business statistics <b>or</b> 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>IIMT3689</i> :		18
BUSI1807	Business consulting practicum	
IIMT3621	Creativity and business innovation	
IIMT3626	Values-driven innovation	
IIMT3627	Venture and entrepreneurship management	
IIMT3682	IT and entrepreneurship	
IIMT3689	Cloud computing: essential and application in 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 <b>or</b> IIMT1640 Probability and statistics for business <b>or</b> STAT1602 Business statistics <b>or</b> STAT1603 Introductory statistics	6
XXXXxxxx	One of the following prescribed mathematics courses: MATH1009 Basic mathematics for business and economics <sup>^</sup> <b>or</b> 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 <b>or</b> MGMT2401 Principles of management <b>or</b> MKTG2501 Introduction to marketing	6

(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: ECON1280 Analysis of economic data <b>or</b> IIMT1640 Probability and statistics for business <b>or</b> STAT1602 Business statistics <b>or</b> STAT1603 Introductory statistics	6
IIMT2601	Management information systems	6
MGMT2401	Principles of management	6
MGMT3429	Strategic human resources management (Capstone course)	6
MGMT3434	Human resource: theory and practice	6
MKTG2501	Introduction to marketing	6
Choose four of the following courses:		24
MGMT3403	Leadership	
MGMT3404	Cross-cultural management	
MGMT3405	Organizational behaviour	
MGMT3415	Principles of entrepreneurship	
MGMT3416	Storytelling: global business communication	
MGMT3475	Current topics in human resource management	
MGMT3476	Managing organizational change	
STRA4701	Strategic management	

## 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: ECON1280 Analysis of economic data <b>or</b> IIMT1640 Probability and statistics for business <b>or</b> STAT1602 Business statistics <b>or</b> STAT1603 Introductory statistics	6

IIMT2601	Management information systems	6
IIMT2641	Introduction to business analytics	6
MGMT2401	Principles of management	6
IIMT3601 <i>or</i>	Database management <i>or</i>	6
COMP3278	Introduction to database management systems	
IIMT3602 <i>or</i>	Information systems analysis and design <i>or</i>	6
COMP3297	Software engineering	
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)

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
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> IIMT1640 Probability and statistics for business <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	
MKTG3530	Big data marketing	
MKTG3532	Platform business models and the sharing economy	

## 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 <i>or</i>	Credit risk <i>or</i>	
STAT4607	Credit risk analysis	
FINA3323	Fixed income securities	
FINA3325	Alternative investments	
FINA3353	Regulatory, operational and valuation issues in finance institutions	
ECON3225	Big data economics	
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/ FINA2350	Text analytics and natural language processing in finance and fintech	
FINA4359	Data analytics, quantitative finance, and blockchain finance	
FINA4354	Financial engineering (Capstone course)	
IIIMT3601	Database management	
STAT2602	Probability and statistics II	

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

- (i) *QF is 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 have achieved 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 enrol 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)

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
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)

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
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
ECON2262	Economic development
ECON2264	Political economy of development in China
ECON2273	Economic history of China
ECON3220	Research on Chinese economy
ECON3225	Big data economics
ECON3232	Economics of sustainability
ECON3262	Inequality and growth
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
STRA3702	International business environment

##### *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>^ or</sup> 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> IIMT1640 Probability and statistics for business <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)**

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
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

**8. Minor in Sustainability in Business (36 credits)**

Complete six of the following courses, comprising at least four from List A and at least one from List B:

***LIST A: DISCIPLINARY ELECTIVES FROM THE FACULTY OF BUSINESS AND ECONOMICS***

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
BUSI4801	Sustainability in practice – Business practicum	6
ECON3232	Economics of sustainability	6
FINA2385	Sustainability in business and finance	6
FINA3319	Green finance and impact investing	6
FINA3336	Family office and asset owners	6
FINA3385	ESG investing and sustainable banking	6
STRA1702	Sustainability 101: Introduction course for sustainable development	6

***LIST B: DISCIPLINARY ELECTIVES FROM THE FACULTY OF SOCIAL SCIENCE***

<i>Course code</i>	<i>Course title</i>	<i>Credits</i>
GEOG2013	Sustainable development: Introduction and quantification	6
GEOG2150	Introduction to China's environmental and sustainable development issues	6
GEOG2161	Human-nature interaction for sustainability analysis and management	6
GEOG3214	Corporate social responsibility and environmental auditing	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
ECON3225	Big data economics	6
ECON3229	Topics in macroeconomics	6
ECON3232	Economics of sustainability	6
ECON3233	Data analytics in digital economy	6
ECON3234	Behavioural economics	6
ECON3235	Economics of education and human capital	6
ECON3243	Capital theory	6
ECON3262	Inequality and growth	6
ECON3263	Strategic factors in Hong Kong economic growth	6
ECON3272	The political economy of globalization	6
ECON3283	Economic forecasting	6
ECON3284	Causal inference	6
ECON3293	Reading course	6
ECON4211	Advanced microeconomics	6
ECON4214	Advanced game theory	6
ECON4221	Advanced macroeconomics	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

<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
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
FINA2334	Banking – strategies, operations and controls	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
FINA2385	Sustainability in business and finance	6
FINA2386	Social network analysis in finance	6
FINA2390	Financial programming and databases	6
FINA3316	Investment banking: valuation, LBOs, and M&A	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
FINA3336	Family office and asset owners	6
FINA3337	Venture capital and private equity	6
FINA3338	Multi-asset investing	6
FINA3339	Private credit	6
FINA3340	Risk management	6
FINA3350	Mathematical finance	6
FINA3351	Spreadsheet financial modelling	6
FINA3353	Regulatory, operational and valuation issues in finance institutions	6
FINA3360	Financial practicum	6
FINA3381	Behavioural finance	6
FINA3382	Structured finance and securitization	6
FINA3383	Financial regulations and compliance	6
FINA3384	Behavioural and sociological finance	6
FINA3385	ESG investing and sustainable banking	6
FINA3386	Digital assets	6
FINA3391	Reading course	6
FINA4341	Quantitative risk management	6
FINA4350/	Text analytics and natural language processing in finance and fintech	6
FINA2350		
FINA4354	Financial engineering	6
FINA4359	Data analytics, quantitative finance, and blockchain finance	6
FINA4392	Dissertation ( <i>final-year elective, only for major in Finance</i> )	12