# MAJOR AND MINOR PROGRAMMES OFFERED BY FBE (for 2019-20 intake)

#### A. Majors Offered by FBE

				Fo	r FBE Curric	ula				
Major(s) offered by	BBA <sup>1</sup>	BBA (Acc&Fin)	BBA (IBGM)	BBA (IS) <sup>2</sup>	BBA(Law) & LLB <sup>3</sup> / BBA(Law) <sup>4</sup>	BEcon <sup>5</sup>	BEcon &Fin	BFin (AMPB)	BSc (QFin)	For Non-FBE Curricula
Professional Core in Accounting	×	1 <sup>st</sup>	×	×	1 <sup>st</sup>	×	×	×	*	×
Asset Management and Private Banking (AMPB) <sup>6</sup>	<b>√</b>	×	<b>√</b>	×	×	<b>√</b>	*	1 <sup>st</sup>	✓	~
Entrepreneurship Design and Innovation (EDI) <sup>6</sup>		<b>✓</b>	✓	×	1 <sup>st</sup>	<b>√</b>	×	<b>✓</b>	✓	<b>✓</b>
Economics	✓	✓	✓	×	×	1 <sup>st</sup>	1 <sup>st</sup>	✓	✓	✓
Finance	<b>✓</b>	Minor / ✓	<b>✓</b>	×	×	×	2 <sup>nd</sup>	×	×	✓
Human Resource Management (HRM)	1 <sup>st</sup>	<b>✓</b>	<b>✓</b>	×	1 <sup>st</sup>	✓	*	<b>✓</b>	✓	<b>~</b>
Information Systems (IS)	1 <sup>st</sup>	✓	✓	1 <sup>st</sup>	1 <sup>st</sup>	✓	×	✓	✓	✓
International Business and Global Management (IBGM)	×	×	1 <sup>st</sup>	×	×	×	×	×	×	×
Marketing	1 <sup>st</sup>	✓	✓	×	1 <sup>st</sup>	✓	×	✓	✓	✓
Quantitative Finance <sup>6</sup>	<b>√</b>	×	✓	×	×	✓	×	<b>✓</b>	1 <sup>st</sup>	✓
Wealth Management (WM)	1 <sup>st</sup>	×	<b>√</b>	×	1 <sup>st</sup>	<b>√</b>	×	×	×	<b>✓</b>

✓ – Major is permissible

**×** − Major not permissible

1<sup>st</sup> – Compulsory 1st Major

2<sup>nd</sup> – Compulsory 2nd Major Minor – Compulsory Minor

- <sup>2</sup> BBA(IS) students are required to take Major in Computer Science offered by the Faculty of Engineering as the second Major.
- <sup>3</sup> BBA(Law)&LLB students are required to take Professional Core in Accounting or one of the five majors in the BBA programme (i.e. Entrepreneurship, Design and Innovation, Human Resource Management, Information Systems, Marketing, or Wealth Management) as the first Major and Professional Core in Law offered by the Faculty of Law as the second Major.
- <sup>4</sup> Students who opt out to pursue the single degree of BBA(Law) are required to take Major in Legal Studies offered by the Faculty of Law as the second Major.
- <sup>5</sup> BEcon students should apply for internal transfer to BEcon&Fin if they wish to pursue a second Major in Finance.
- 6 Candidates must undergo a selection process arranged by the respective Programme Directors.

<sup>&</sup>lt;sup>1</sup> BBA students are required to take one of the five majors, namely Entrepreneurship, Design and Innovation, Human Resource Management, Information Systems, Marketing, or Wealth Management.

#### B. Minors offered by FBE

				Fo	or FBE Currico	ıla				
Minor(s) offered by	$BBA^1$	BBA (Acc&Fin)	BBA (IBGM)	BBA (IS) <sup>2</sup>	BBA(Law) & LLB <sup>3</sup> / BBA(Law) <sup>4</sup>	BEcon <sup>5</sup>	BEcon &Fin	BFin (AMPB)	BSc (QFin)	For Non-FBE Curricula
Accounting	✓	×	✓	✓	✓	✓	✓	✓	✓	✓
Business and Economy in China	✓	<b>*</b>	<b>✓</b>	✓	<b>✓</b>	✓	✓	<b>✓</b>	<b>√</b>	<b>✓</b>
Economics	✓	✓	✓	✓	✓	×	×	✓	✓	✓
Finance	✓	Minor	✓	✓	✓	✓	×	×	×	✓
HRM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IS	✓	✓	✓	×	✓	✓	✓	✓	✓	✓
Marketing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ – Minor is permissible

⋆ – Minor is not permissible

Minor – Compulsory Minor

#### **Notes to FBE students**

#### 1. <u>Declaration of major/minors</u>

Candidates may first declare major(s) and minor(s) during the August pre-enrollment period before the start of the second year of study. Candidates must finalize their declarations during the September course selection period in the first semester of their final year of study. No further changes will be accepted afterwards.

#### 2. Faculty Core Courses

The following 4 courses are designated as Faculty Core courses (FCC): ACCT1101 Introduction to financial accounting, ECON1210 Introductory microeconomics, FINA1310 Corporate finance and a statistics course as prescribed in the respective syllabuses.

Candidates are not required to re-take the overlapped Faculty Core courses where these courses form part of requirements of the <u>second major</u> offered by the Faculty of Business and Economics. Candidates will be required to take an equivalent number of credits of <u>free</u> electives in lieu of these overlapped courses.

Should the Faculty Core courses constitute the requirements of <u>minor programmes</u> offered by the Faculty of Business and Economics, candidates will be required to take an equivalent number of credits of the <u>minor disciplinary electives</u> in lieu of the overlapped Faculty Core courses.

#### 3. <u>Double-counting courses</u>

Courses shall not be double-counted in the major or minor programmes offered by Faculty of Business and Economics, except for the Faculty Core Courses as listed under Note 2 above in the combination of "double-major". Where a course applies to more than one major or minor programme, a disciplinary elective (advanced level) must be taken in lieu of the overlapped course.

Candidates who pursue second major/minor offered by the other Faculties should consult the offering Faculty for its double-counting policy.

4. Majors and minors of the same discipline are impermissible combinations.

## **Notes to non-FBE students**

5. GPA requirement for non-FBE candidates

Starting from the 2015-16 intake, there will not be any CGPA requirement for non-FBE students to declare FBE major/minor.

6. Courses cannot be double-counted, except for the Faculty Core courses as listed under Note 2 above in the combination of "double-Major".

## MAJOR REQUIREMENTS

Students are required to complete 72 credits of prescribed courses for each major as follows (except for Major in Entrepreneurship, Design and Innovation which require 78 credits of prescribed courses, and 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)

Course code	Course title	<b>Credits</b>
ACCT1101 <sup>^</sup>	Introduction to financial accounting	6
ECON1210 <sup>^</sup>	Introductory microeconomics	6
ECON1220#	Introductory macroeconomics	6
FINA1310 <sup>^</sup>	Corporate finance	6
$XXXXxxxx^{^{\prime}}$	One of the following prescribed statistics courses:	6
	ECON1280 Analysis of economic data or	
	STAT1603 Introductory statistics	
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	6
	(Capstone course)	
Choose two of the	e following courses:	12
FINA2342	Insurance: theory and practice	1.2
FINA2344	Lending and credit in private banking and corporate banking (2)	
FINA2344 FINA2382	Real estate finance	
FINA3325	Alternative investments	
FINA3340	Risk management	
FINA3381	Behavioral finance	
MATH1009 <i>or</i>	Basic mathematics for business and economics <i>or</i>	
MATH1009 <b>67</b> MATH1013	University mathematics II	
MATHIUIS	Oniversity mathematics in	

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

Course code	Course title	<u>Credits</u>
ACCT1101 <sup>^</sup>	Introduction to financial accounting	6
ECON1210 <sup>^</sup>	Introductory microeconomics	6
FINA1310 <sup>^</sup>	Corporate finance	6
$XXXXxxxx^{^{\prime}}$	One of the following prescribed statistics courses:	6
	ECON1280 Analysis of economic data or	
	STAT1602 Business statistics or	
	STAT1603 Introductory statistics	
IIMT2601#	Management information systems	6
MGMT2401#	Principles of management	6
MKTG2501#	Introduction to marketing	6
STRA4701#	Strategic management (Capstone course)	6
IIMT3623	Design thinking: concepts and applications	6
IIMT3624	Design studio	6

Choose three of t	the following courses, at least one of them must be <i>IIMT3627</i> or	18
<i>IIMT3682</i> :		
BUSI1807	Business consulting practicum	
IIMT3621	Creativity and business innovation	
IIMT3626	Values-driven innovation	
IIMT3627	Venture and entrepreneurship management	
IIMT3682	IT and entrepreneurship	

## 3. Major in Economics (72 credits)

Course code	Course title	<b>Credits</b>
ACCT1101 <sup>^</sup>	Introduction to financial accounting	6
ECON1210 <sup>^</sup>	Introductory microeconomics	6
FINA1310 <sup>^</sup>	Corporate finance	6
$XXXXxxxx^{^{\prime}}$	One of the following prescribed statistics courses:	6
	ECON1280 Analysis of economic data or	
	STAT1603 Introductory statistics	
$XXXXxxxx^{\#}$	One of the following prescribed mathematics courses:	6
	MATH1009 Basic mathematics for business and	
	economics* or	
	MATH1013 University mathematics II	
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	12

(see list of economics disciplinary electives below)

## 4. Major in Finance (72 credits)

Course title	<b>Credits</b>
Introduction to financial accounting	6
Introductory microeconomics	6
Corporate finance	6
One of the following prescribed statistics courses:	6
ECON1280 Analysis of economic data or	
STAT1603 Introductory statistics	
One of the following prescribed mathematics courses:	6
MATH1009 Basic mathematics for business and	
economics* or	
MATH1013 University mathematics II	
Introductory macroeconomics	6
Introductory econometrics	6
Senior seminar in economics and finance (Capstone course)	6
Investments and portfolio analysis	6
Derivatives	6
Finance disciplinary electives	12
	Introduction to financial accounting Introductory microeconomics Corporate finance One of the following prescribed statistics courses:     ECON1280 Analysis of economic data or     STAT1603 Introductory statistics One of the following prescribed mathematics courses:     MATH1009 Basic mathematics for business and economics* or     MATH1013 University mathematics II Introductory macroeconomics Introductory econometrics Senior seminar in economics and finance (Capstone course) Investments and portfolio analysis Derivatives

(see list of finance disciplinary electives below)

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

Course code	Course title	<u>Credits</u>
ACCT1101 <sup>^</sup>	Introduction to financial accounting	6
ECON1210 <sup>^</sup>	Introductory microeconomics	6
FINA1310 <sup>^</sup>	Corporate finance	6
$XXXXxxxx^{^{\prime}}$	One of the following prescribed statistics courses:	6
	ECON1280 Analysis of economic data or	
	STAT1602 Business statistics or	
	STAT1603 Introductory statistics	
IIMT2601#	Management information systems	6
MGMT2401#	Principles of management	6
MKTG2501#	Introduction to marketing	6
STRA4701#	Strategic management (Capstone course)	6
Choose four of th	ne following courses:	24
MGMT3403	Leadership	
MGMT3404	Cross-cultural management	
MGMT3405	Organizational behavior	
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 (IS) (72 credits)

Course code	Course title	<u>Credits</u>
ACCT1101 <sup>^</sup>	Introduction to financial accounting	6
ECON1210 <sup>^</sup>	Introductory microeconomics	6
FINA1310 <sup>^</sup>	Corporate finance	6
$XXXXxxxx^{^{\prime}}$	One of the following prescribed statistics courses:	6
	ECON1280 Analysis of economic data or	
	STAT1602 Business statistics <i>or</i>	
	STAT1603 Introductory statistics	
IIMT2601#	Management information systems	6
MGMT2401 <sup>#</sup>	Principles of management	6
MKTG2501 <sup>#</sup>	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	
COMP3297 <i>or</i>	Software engineering <i>or</i>	6
IIMT3602	Information systems analysis and design	
IIMT3603	Project management	6
IIMT4601	Information systems project management	6

# 7. Major in Marketing (72 credits)

Course code	<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
$XXXXxxxx^{^{\prime}}$	One of the following prescribed statistics courses:	6
	ECON1280 Analysis of economic data or	
	STAT1602 Business statistics or	
	STAT1603 Introductory statistics	
IIMT2601#	Management information systems	6
MGMT2401#	Principles of management	6
MKTG2501 <sup>#</sup>	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)

Course code	Course title	<b>Credits</b>
ACCT1101	Introduction to financial accounting	6
ECON1210 <sup>^</sup>	Introductory microeconomics	6
ECON1220#	Introductory macroeconomics	6
FINA1310 <sup>^</sup>	Corporate finance	6
MATH1013 <sup>#</sup>	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 <sup>^</sup>	Probability and statistics I	6
FINA3350	Mathematical finance	6
FINA3351	Spreadsheet financial modeling	6
course:	ne following courses, at least one of them must be capstone	18
FINA2390	Financial programming and databases	
FINA3322	Credit risk	
FINA3323	Fixed income securities	
FINA3353	Regulatory and operational issues in finance	
ECON3283 or	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)	

## 9. Major in Wealth Management (WM) (72 credits)

Course code	Course title	<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:	6
	ECON1280 Analysis of economic data or	
	STAT1602 Business statistics or	
	STAT1603 Introductory statistics	
IIMT2601*	Management information systems	6
MGMT2401 <sup>#</sup>	Principles of management	6
MKTG2501 <sup>#</sup>	Introduction to marketing	6
STRA4701#	Strategic management (Capstone course)	6
Choose four of t	he following:	24
ACCT3107	Hong Kong taxation	6
FINA2312	Advanced corporate finance	6
FINA2320	Investments and portfolio analysis	6
FINA2322	Derivatives	6
FINA2330	Financial markets and institutions	6
FINA2342	Insurance: theory and practice	6
FINA3325	Alternative investments	6
FINA3334	Private banking and wealth management	6
FINA3381	Behavioral finance	6

FBE candidates who are pursuing a second FBE major are required to take an equivalent 24 credits of free electives in lieu of the double-counted Faculty Core courses.

<sup>\*</sup> FBE candidates who are pursuing a second FBE major or minor are required to take advanced level disciplinary electives in lieu of the overlapped courses.

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

## MINOR REQUIREMENTS

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

## 1. Minor in Accounting (36 credits)

Course code	Course title	<u>Credits</u>
ACCT1101 <sup>#</sup>	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)

Course code	Course title	<b>Credits</b>
ECON2226	Chinese economy	6
STRA3706	China's business environment	6
Choose four of t	he following courses, comprising at least two from List A and at	24
least one from L	ist B:	

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
FINA3318	China's financial system and market
MKTG3524	Digital marketing
<u>List B</u> :	
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)

Course code	Course title	<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:	6
	MATH1009 Basic mathematics for business and	
	economics* or	
	MATH1013 University mathematics II	
XXXXxxxx	Economics disciplinary elective	6

## 4. Minor in Finance (36 credits)

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

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

Course code	<u>Course title</u>	<u>Credits</u>
ACCT1101 <sup>#</sup>	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 (IS) (36 credits)

<u>Course code</u>	<u>Course title</u>	<u>Credits</u>
ACCT1101 <sup>#</sup>	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*	Choose one of the following courses:	6
	ECON1280 Analysis of economic data or	
	STAT1602 Business statistics or	
	STAT1603 Introductory statistics	

## 7. Minor in Marketing (36 credits)

Course code	Course title	<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

<sup>\*</sup> FBE candidates who are pursuing a second FBE major or minor are required to take advanced level disciplinary electives in lieu of the overlapped courses.

<sup>\*</sup> MATH1009 Basic mathematics for business and economics is not open to students from the Faculty of Engineering and Faculty of Science.

# List of Disciplinary Electives for Major/Minor in Economics

## **Economics disciplinary electives**

Course code	<u>Course title</u>	Creaits
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 in 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
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 (final-year elective, only for major in Economics)	12

# List of Disciplinary Electives for Major/Minor in Finance

## Finance disciplinary electives

Course code	<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 (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 (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 (final-year elective, only for major in Finance)	12

## FACULTY OF BUSINESS AND ECONOMICS MUTUALLY EXCLUSIVE COURSES FOR FBE STUDENTS

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.

	Course title	Credits	Mutually exclusive courses
ECON1280 A	Analysis of economic data	6	• STAT1601
	•		• STAT1602
			• STAT1603
			• STAT2601
			• STAT2901
ECON2214 C	Games and decisions	6	• STRA3709
ECON2280 I	Introductory econometrics	6	• STAT3614
			• STAT3907
ECON3283 E	Economic forecasting	6	• STAT4601
FINA1310 C	Corporate finance	6	• STAT3904
FINA2320 I	Investments and portfolio analysis	6	• STAT3609
			• STAT3952
FINA2322 I	Derivatives	6	• IMSE4110
			• MATH3906
			• STAT3618
			• STAT3905
			• STAT3910
	Credit risk	6	• STAT4607
FINA3325	Alternative investments	6	• FINA3327
	Hedge funds: strategies, business management, and institutions	6	• FINA3325
FINA3350 N	Mathematical finance	6	• MATH3906
FINA4341 (	Quantitative risk management	6	• STAT4608
	Management information systems	6	• BSIM4022
	Database development and management	6	• BSIM3017
			• COMP3278
IIMT3602 I	Information systems analysis and design	6	• BSIM3014
			• COMP3297
IIMT3603 F	Project management	6	• BSIM4011
	Telecommunications management	6	• COMP3234
	Advanced database management	6	• BSIM4018
	Internet and mobile applications	6	• BSIM3021
			• COMP3322
IIMT3682 I	T and entrepreneurship	6	• MGMT3415
	e-Commerce	6	• BSIM4019
IIMT3688 A	Artificial intelligence in business	6	• COMP3270
	Information systems project management	6	• COMP3404
	Principles of entrepreneurship	6	• IIMT3682
STRA3709 A	Applications of strategic thinking in business	6	• ECON2214