4-year Suggested Study Plan for BBA Business Analysis with a Second Major in Information Management (Business Intelligence Stream)
for Normative 4-Year IFMG 2nd Major Students of Catalogue Term of Sem A 2019/2020

Yr/Sem							Offer Year
1A	Sem A or B CB2100 Introduction to Financial Accounting	Sem A or B CB2601 Marketing	CB2201 Operations Management	Sem A or B CB2400 Micro-Economics	GE1401 University English or EAP (Note 1)	Sem A or B CHIN1001 University Chinese I (Note 3)	2018
1B	Sem A or B CB2300 Management	Sem A or B CB2500 Information Management	CB2200 Business Statistics	GE (Note 2)	GE2402 English for Business Communication or EAP (Note 1)		
2A*	CB2101 Introduction to Managerial Accounting	CB2402 Macro-Economics	MS3251 Analysis using SAS	MS3252 Regression Analysis	GE1501 Chinese Civilization – History & Philosophy	GE2402 English for Business Communication (for students taken EAP)	2019
2B*	College Elective	Sem A or B CB3410 Financial Management	MS4212 Predictive Analytics and Forecasting	IS2505 E-Business	IS3430 Systems Analysis and Design	GE1401 University English (for students taken EAP)	
3A	College Elective	MS4224 Enterprise Data Mining	IS3331 Database Management	IS Major Elective 2 (Note 4)	Stream in BI IS3230 Java Programming for Business		2020
3B	College Elective	GE (Note 2)	GE (Note 2)	IS Major Elective 1 (Note 4) MS3111 Quantitative Business Analysis with VBA	Stream in BI IS3100 Techniques for Big Data		
4A	GE (Note 2)	MS Major Elective 1	MS Major Elective 2	IS4532 Global Project Management	Stream in BI IS4834 Business Intelligence and Analytics		2021
4B	CB4303 Strategy and Policy	MS4226 Risk Management Models	MS4252 Big Data Analytics	MS Major Elective 3	Stream in BI IS4335 Data Visualization		

Minimum Credits Required*
GE: 4 GE courses + 3 College Electives (21 CU)
GE: 2 ENGL + CCIV (9 CU)
College: 11 College Core (33 CU)
BANL Home Major: 10 Major courses (30 CU)
IFMG (BI) 2nd Major: 9 Major courses (27 CU)

Min. Total: 40 courses (120 CU)
Max. Allowable: 48 courses (144 CU)

* CU = Credit Units

Stream
BI - Business Intelligence

Note:
(1) English Language Requirement:
    Students admitted with HKDSE English Level 3 or equivalent are required to complete the 6-credit course EL0200 English for Academic Purposes (EAP)
        prior to taking the 2 GE English courses (GE1401 and GE2402).
(2) Gateway Education Course Distributional Requirements
    Take at least 3 credits from each of the 3 areas:
    Area 1: Arts and Humanities
    Area 2: Study of Scoieties, Social and Business Organizations
    Area 3: Science and Technology
(3) Chinese Language Requirement
    Students scoring below Level 4 in HKDSE Chinese Language, or scoring below Grade D in HKALE AS-level Chinese Language and Culture
    are required to take a 3-credit unit course CHIN1001 University Chinese I.
(4) Students will select 2 courses out of the IS electives pool below, from among the **Stream Core courses** of other IFMG Streams, or from among other IS courses as approved by the IFMG Major Leader.

MS Major Electives: Students are required to take **3** electives from Groups A and B and at least **1** must be from Group A in the following list:

Group A :	Group B :
CB2011 Solving Business Problems with Spreadsheet Modeling	CS2360 Java Programming
MS3224 Business Survey Design	CS2468 Data Structures and Data Management
MS3403 Internship for Business Analysis and Operations Management	IS2240 Python Programming for Business
MS4251 Quantiative Analysis for Marketing	MS3106 Simulation
MS4253 Business Analysis Project	MS3125 Business Project Management
MS4254 Quantitative Analysis for Economics and Finance	MS3322 Quality Management
MS4262 Advanced Analytics Using SAS	MS4227 Pricing and Revenue Management
	Any one Core & Elective course from other BBA Majors without BANL Major Leader's Approval

IS Major Electives (Credit Units)   + Subject to fulfilling pre-requisite requirements

IS2239 Data Structure and Algorithms (3)	IS4835 Information Management for Financial Services (3)
IS2240 Python Programming for Business (3)	IS4837 Delivery Systems for Financial Services (3)
IS3101+ Cryptocurrency and Blockchain (3)	IS4861+ Machine Learning for Business (3)
IS4032 Mobile Apps (3)	IS4937+/IS4938+ Information Management Consulting Project I/II (3)
IS4238 / IS4239 Internship I / II (3)	IS4940 Global Technology Entrepreneurship and Innovation (3)
IS4333 Human-Computer Interaction for Business (3)	CB3800+ Business Practice Internship (3)
IS4636 Business Process and Service Management (3)	XXXXXX Any one Core course from other BBA Majors (3)

4-Year Suggested Study Plan for BBA Information Management (Business Intelligence Stream) with a Second Major in Business Analysis for Normative 4-Year BANL 2nd Major Students of Catalogue Term of Sem A 2019/2020

Yr/Sem							Offer Year
1A	Either Sem A / B CB2201 Operations Management	Either Sem A / B CB2400 Micro-Economics	Either Sem A / B CB2500 Information Management	GE (Note 4)	GE1401 / EL0200A University English or EAP (Note 1)		Either Sem A / B CHIN1001 University Chinese I (Note 2)	2018
1B	Either Sem A / B CB2100 Introduction to Financial Accounting	Either Sem A / B CB2300 Management	Either Sem A / B CB2601 Marketing	CB2200 Business Statistics	GE2402 / EL0200B English for Business Communication or EAP (Note 1)			
2A	GE1501 Chinese Civilization – History and Philosophy	CB2101 Introduction to Managerial Accounting	CB2402 Macro-Economics	IS3331 Database Management	GE (Note 4)		GE2402 English for Business Communication (for students taken EAP)	2019
2B	College Elective (Note 5)	CB3410 Financial Management	IS2505 E-Business	IS3430 Systems Analysis and Design	MS3111 Quantitative Business Analysis with VBA	MS Major Elective 1	GE1401 University English (for students taken EAP)	
3A	GE (Note 4)	GE (Note 4)	Stream in BI IS3230 Java Programming for Business	IS Major Elective 1 (Note 3) MS3252 Regression Analysis	MS3251 Analysis using SAS			2020
3B	College Elective (Note 5)	Stream in BI IS3100 Techniques for Big Data	MS4212 Predictive Analytics and Forecasting	MS Major Elective 2				
4A	College Elective (Note 5)	IS4532 Global Project Management	Stream in BI IS4834 Business Intelligence and Analytics	IS Major Elective 2 (Note 3)	MS4224 Enterprise Data Mining	MS Major Elective 3		2021
4B	CB4303 Strategy & Policy	Stream in BI IS4335 Data Visualization	MS4226 Risk Management Models	MS4252 Big Data Analytics				

Minimum Credits Required (Credit Units)*

GE: 4 GE courses (12 CU) +
    3 College Electives (9 CU)
GE English - 2 courses (6 CU)
GE1501 - 1 course (3 CU)
College: 11 College Core (33 CU)
IFMG (BI) Home Major: 10 Major courses (30 CU)
BANL 2nd Major: 9 Major courses (27 CU)

Min. Total: 40 courses (120 CU)
Max. Allowable: 48 courses (144 CU)

* CU = Credit Units

Stream
BI - Business Intelligence

Note

1. **English Language Requirements**
   Students admitted with Level 3 or below in HKDSE English OR Grade E or below in HKALE AS in Use of English are required to complete two 3-credit EAP courses, EL0200A English for Academic Purposes 1 and EL0200B English for Academic Purposes 2, prior to taking the 2 GE English courses (GE1401 University English and GE2402 English for Business Communication). EL0200A & EL0200B will not be counted towards the minimum credit units required for graduation and will not be included in the calculation of CGPA. However, they will be counted towards the maximum credit units permitted.
   Note: Students who demonstrate that they have achieved a grade B or above in their overall course results for EL0200A will achieve 3 credits and also be considered to have satisfied the pre-requisite for entry to the GE English courses without needing to take EL0200B.

2. **Chinese Language Requirements**
   (a) First-year intake students with Level 3 or below in HKDSE Chinese OR Grade E or below in HKALE AS in Chin. Lang. & Culture are required to take CHIN1001 University Chinese I. This course will not be counted towards the minimum credit units required for graduation and will not be included in the calculation of CGPA. However, it will be counted towards the maximum credit units permitted.
   (b) First-year intake students with Level 4 or above in HKDSE Chinese OR Grade D or above in HKALE AS in Chin. Lang. & Culture are NOT required to take CHIN1001.
   (c) First-year intake students other than (a) and (b), including mainland and non-local students are NOT required to take CHIN1001.

3. Students will select 2 courses out of the IS electives pool, from among the **Stream Core courses** of other IFMG Streams, or from among other IS courses as approved by the IFMG Major Leader.

4. **Gateway Education Course Distributional Requirements**
   Take **at least one course (3 CU)** from each of the areas below:
   Area 1: Arts and Humanities
   Area 2: Study of Societies, Social and Business Organizations
   Area 3: Science and Technology

5. Students are required to take **3 college elective courses (9 CU)** from the College elective list to fulfill the GE requirements in form of College-specified courses (*9 CU must be chosen from at least 3 subject areas* below).
   Area 1: Mathematics and Modeling
   Area 2: Programming and Technology
   Area 3: Law and Communications
   Area 4: Business (I)

IS Major Electives (Credit Units)   + Subject to fulfilling pre-requisite requirements

IS2239 Data Structure and Algorithms (3)	IS4835 Information Management for Financial Services (3)
IS2240 Python Programming for Business (3)	IS4837 Delivery Systems for Financial Services (3)
IS3101+ Cryptocurrency and Blockchain (3)	IS4861+ Machine Learning for Business (3)
IS4032 Mobile Apps (3)	IS4937+ / IS4938+ Information Management Consulting Project I / II (3)
IS4238 / IS4239 Internship I / II (3)	IS4940 Global Technology Entrepreneurship and Innovation (3)
IS4333 Human-Computer Interaction for Business (3)	CB3800+ Business Practice Internship (3)
IS4636 Business Process and Service Management (3)	XXXXXX Any one Core course from other BBA Majors (3)

IS Department reserves the right to make adjustments to the course offering pattern whenever appropriate. Programme structure, course codes and course titles are subject to continuous review and changes without prior notice.

MS Major Electives: Students are required to take **3** electives from Groups A and B and at least **1** must be from Group A in the following list:

Group A :	*Group B :*
CB2011 Solving Business Problems with Spreadsheet Modeling	CS2360 Java Programming
MS3224 Business Survey Design	CS2468 Data Structures and Data Management
MS3403 Internship for Business Analysis and Operations Management	IS2240 Python Programming for Business
MS4251 Quantiative Analysis for Marketing	MS3106 Simulation
MS4253 Business Analysis Project	MS3125 Business Project Management
MS4254 Quantitative Analysis for Economics and Finance	MS3322 Quality Management
MS4262 Advanced Analytics Using SAS	MS4227 Pricing and Revenue Management
	Any one Core & Elective course from other BBA Majors without BANL Major Leader's Approval