

**Information Management with BI, ISA and ISSN Streams — 4-Year Suggested Study Plan
 for Normative 4-Year Students of Catalogue Term of Sem A 2023/24 & Sem B 2023/24**

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 (I)	Either Sem A / B CB2601 Marketing	GE1401 / LC0200A University English or EAP (Note 1)	Either Sem A / B CHIN1001 University Chinese I (Note 2)	2023 2024 2025 2026
1B	Either Sem A / B GE – College-specified course: CB2240 Introduction to Business Programming in Python	Either Sem A / B CB2100 Introduction to Financial Accounting	CB2300 Management	Either Sem A / B CB2200 Business Statistics	GE2402 / LC0200B English for Business Communication or EAP (Note 1)		
2A	Either Sem A / B GE – College-specified course: CB2203 Data-driven Business Modeling	CB2101 Introduction to Managerial Accounting	CB2402 Macro-Economics	IS3331 Database Management (I)	GE1501 Chinese Civilization – History and Philosophy	GE1401 University English (for students taken EAP)	2024 2025 2026 2027
2B	Either Sem A / B GE – College-specified course: CB3043 Business Case Analysis and Communication	CB3410 Financial Management	IS3430 Systems Analysis and Design (I)	Minor 1 / Free Elective 1 (Note 5)	Minor 2 / Free Elective 2 (Note 5)	GE2402 English for Business Communication (for students taken EAP)	
3A	Stream in BI IS4834 Business Intelligence and Analytics	Stream in BI IS3240 Advanced Business Programming in Python	GE (Note 3)	GE (Note 3)	Minor 3 / Free Elective 3 (Note 5)		2025 2026 2027 2028
	Stream in ISA IS3501 Cybersecurity for Business (I)	Stream in ISA IS4435 Governance & Regulatory Compliance for Financial Information Systems (I)					
	Stream in ISSN Major Elective 1 (Note 6)	Stream in ISSN IS2505 E-Business					
3B	Stream in BI & ISA Major Elective 1 (Note 6)	Stream in BI IS3100 Techniques for Big Data	College Elective (Note 4)	GE (Note 3)	Minor 4 / Free Elective 4 (Note 5)		
	Stream in ISSN IS2502 Social Media and Social Networks	Stream in ISA IS4133 Cloud Computing and Services					
4A	IS4532 Global Project Management (I)	Major Elective 2 (Note 6)	Stream in BI IS4861 Machine Learning for Business	College Elective (Note 4)	Minor 5 / Free Elective 5 (Note 5)		2026 2027 2028 2029
	Stream in ISA GE (Note 3)						
	Stream in ISSN IS4340 Search Engine Optimization						
4B	CB4303 Strategy & Policy	Stream in BI IS4335 Data Visualization	Stream in BI & ISSN GE (Note 3)	College Elective (Note 4)	Minor 6 / Free Elective 6 (Note 5)		
		Stream in ISA IS4537 Information Systems Audit (I)	Stream in ISA IS4543 Risk Management and Information Systems Control (I)				
	Stream in ISSN IS4538 O2O Services						

* Cohort	Home Major Catalogue
2022 (Major-based, admitted via	Semester A 2022/23
2022 (Department-based, admitted via	

Minimum Credits Required (Credit Units)*

GE (21 CU): 4 GE courses (12 CU) +
3 College-specified courses (9 CU)
GE English (6 CU): 2 courses (6 CU)
GE1501 (3 CU): 1 course (3 CU)
College (42 CU): 11 College Core (33 CU) + 3 College Electives (9 CU)#
Major (30 CU): 8 IFMG Major Core (24 CU) + 2 IFMG Major Electives (6 CU)
Minor/Free Electives (18 CU): 6 courses (18 CU)

Min. Total: 40 courses (120 CU)

Max. Allowable: 48 courses (144 CU)

* CU = Credit Units

Streams

BI - Business Intelligence
ISA - Information Systems Auditing
ISSN - Internet Services and Social Networks

(?): ISACA Model Curriculum related courses

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.

For better study planning, students are reminded to pay close attention to the potential adjustment of course offering pattern by checking the Master Class Schedule in AIMS before the start of the course add/drop period each semester.

Note

1. English Language Requirement

Students admitted with HKDSE English Level 3 or equivalent are required to complete two 3-credit EAP courses, LC0200A English for Academic Purposes 1^ and LC0200B English for Academic Purposes 2, prior to taking the 2 GE English courses (GE1401 University English and GE2402 English for Business Communication). LC0200A & LC0200B 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.

^ *Early Exit Arrangement:*

2. Chinese Language Requirement

(i) Students scoring below Level 4 in HKDSE Chinese Language OR scoring below Grade D in HKALE AS in Chin. Lang. & Culture are required to take a 3-credit unit course CHIN1001 University Chinese I. This

(ii) Students who do not have the Hong Kong public exams results of HKDSE Chinese Language OR HKALE AS in Chin. Lang. & Culture are NOT required to take CHIN1001.

3. 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

4. College Elective Requirement

Students are required to take **3 courses (9 CU)** from the College elective list.

For students declaring BBA double major, 9 credit units of College Electives will be exempted. These 9 credit units can be used to fulfill the second major requirement. If students fail to complete the second major

5. Minor / Free Elective Requirement

Students who do not choose a minor are required to take Elective courses. The remaining credits are to fulfill the credit requirement for graduation, if so required.

For students declaring BBA double major, Minor/ Free Elective can be used to fulfill the second major requirement.

6. Students will select 2 courses out of the major electives pool shown below, from among the **Stream Core courses** of other IFMG Streams, or from among other IS courses as approved by the

For BBA students, in the case that the same course being offered in the Major and in College Electives, the credit units earned will count only once, for fulfilling the Major requirement, then for fulfilling the College requirement. Students have to take another College elective course to make up for the freed credit units. Students are responsible for ensuring the College and Major requirements being fulfilled to obtain graduation qualification.

Major Electives (Credit Units)

IS2022 Business Programming with Spreadsheet (3)
IS2239 Data Structure and Algorithms (3)
IS3101+ Cryptocurrency and Blockchain (3)
IS3230 Java Programming for Business (3) (?)
IS4030 Website Design for e-Commerce (3)
IS4032 Mobile Apps (3)
IS4238 / IS4239 Internship I / II (3)

+ Subject to fulfilling pre-requisite requirements

IS4636 Business Process and Service Management (3)
IS4837 Regulatory Compliance for Financial Services Technologies (3) (?)
IS4937+ / IS4938+ Information Management Consulting Project I / II (3)
IS4940 Global Technology Entrepreneurship and Innovation (3)
CB3800+ Business Practice Internship (3)
XXXXXX Any one Core course from other BBA Majors (3)

Free Elective (0-credit internship course)

IS2010 Internship in Information Systems

Normative 4-year degree students admitted from 2022/23 onwards are required to fulfill the internship/ consultancyproject/ research project requirement. Students may fulfill this requirement by taking approved course from college elective or major core/elective but preference shall be given to the major course as it is more directly relevant to students' chosen major(s).

**Information Management with DI Stream — 4-Year Suggested Study Plan
 for Normative 4-Year Students of Catalogue Term of Sem A 2023/24 & Sem B 2023/24**

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 (7)	Either Sem A / B CB2601 Marketing	GE1401 /LC0200A University English or EAP (Note 1)	CHIN1001 University Chinese I (Note 2)	2023 2024 2025 2026
1B	Either Sem A / B GE – College-specified course: CB2240 Introduction to Business Programming in Python	Either Sem A / B CB2100 Introduction to Financial Accounting	CB2300 Management	Either Sem A / B CB2200 Business Statistics	GE2402 / LC0200B English for Business Communication or EAP (Note 1)		
2A	Either Sem A / B GE – College-specified course: CB2203 Data-driven Business Modeling	CB2101 Introduction to Managerial Accounting	CB2402 Macro-Economics	IS3331 Database Management (7)	MS3251 Analytics using SAS	GE1401 University English (for students taken EAP)	2024 2025 2026 2027
2B	Either Sem A / B GE – College-specified course: CB3043 Business Case Analysis and Communication	CB3410 Financial Management	MS3227 Probability and Applications in Business	MS3252 Regression Analysis	Minor 1 / Free Elective 1 (Note 5)	GE2402 English for Business Communication (for students taken EAP)	
3A	GE (Note 3)	IS3240 Advanced Business Programming in Python	IS4834 Business Intelligence and Analytics	GE1501 Chinese Civilization – History and Philosophy	Minor 2 / Free Elective 2 (Note 5)		2025 2026 2027 2028
3B	GE (Note 3)	Major Elective 1 (Note 6)	IS3100 Techniques for Big Data	College Elective (Note 4)	Minor 3 / Free Elective 3 (Note 5)		
4A	GE (Note 3)	Major Elective 2 (Note 6)	IS4861 Machine Learning for Business	Minor 4 / Free Elective 4 (Note 5)	Minor 5 / Free Elective 5 (Note 5)		2026 2027 2028 2029
4B	GE (Note 3)	CB4303 Strategy & Policy	College Elective (Note 4)	College Elective (Note 4)	Minor 6 / Free Elective 6 (Note 5)		

Minimum Credits Required (Credit Units)*

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 Minor/Free Electives (18 CU): 6 courses (18 CU)

Min. Total: 40 courses (120 CU)

Max. Allowable: 48 courses (144 CU)

* CU = Credit Units

Stream

DI - Data Informatics

7: ISACA Model Curriculum related courses

Cohort

2022 (Major-based, admitted
 via JS1019/1019)

2022 (Department-based,
 admitted via JS1017/1017)

Home Major Catalogue Term

Semester A 2022/23

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 notice.

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 pattern by checking the Master Class Schedule in AIMS before the start of the course add/drop period each
 semester.

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Students admitted with HKDSE English Level 3 or equivalent are required to complete two 3-credit EAP courses: LC0200A English for Academic Purposes 1* and LC0200B English for Academic Purposes 2, prior to
 taking the 2 GE English courses (GE1401 University English and GE2402 English for Business Communication). LC0200A & LC0200B 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.

*** Early Exit Arrangement:**

Students who demonstrate that they have achieved a grade B or above in their overall course results for LC0200A 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 LC0200B.

2. Chinese Language Requirement

(i) Students scoring below Level 4 in HKDSE Chinese Language OR scoring below Grade D in HKALE AS in Chin. Lang. & Culture are required to take a 3-credit unit course 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.
 (ii) Students who do not have the Hong Kong public exams results of HKDSE Chinese Language OR HKALE AS in Chin. Lang. & Culture are NOT required to take CHIN1001.

3. 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

4. College Elective Requirement

Students are required to take 3 courses (9 CU) from the College elective list.

For students declaring BBA double major, 9 credit units of College Electives will be exempted. These 9 credit units can be used to fulfill the second major requirement. If students fail to complete the second major
 requirement in the end, they still need to complete the College elective requirement mentioned above.

5. Minor / Free Elective Requirement

Students who do not choose a minor are required to take Elective courses. The remaining credits are to fulfill the credit requirement for graduation, if so required.

For students declaring BBA double major, Minor/ Free Elective can be used to fulfill the second major requirement.

6. Students will select 2 courses out of the major electives pool shown below.

For BBA students, in the case that the same course being offered in the Major and in College Electives, the credit units earned will count only once, for fulfilling the Major requirement, then for fulfilling the College
 requirement. Students have to take another College elective course to make up for the freed credit units. Students are responsible for ensuring the College and Major requirements being fulfilled to obtain graduation
 qualification.

Major Electives (Credit Units)

AC4301+ Corporate Accounting II (3)

AC4342+ Auditing (3)

EF3320+ Security Analysis and Portfolio Management (3)

EF3333+ Financial Systems, Markets and Instruments (3)

IS2022 Business Programming with Spreadsheet (3)

IS4335 Data Visualization (3)

IS4940 Global Technology Entrepreneurship and Innovation (3)

+ Subject to fulfilling pre-requisite requirements

MGT4313+ Strategic Entrepreneurship (3)

MKT3603+ Consumer Behaviour (3)

MKT3608+ Marketing Intelligence and Applications of Analytics (3)

MS3224 Business Survey Design (3)

MS4226 Financial Risk Analytics (3)

XXXXXX Any one Core or Elective course from other BBA Majors (3)

Free Elective (0-credit internship course)

IS2010 Internship in Information Systems

Normative 4-year degree students admitted from 2022/23 onwards are required to fulfill the internship/ consultancyproject/ research project requirement. Students may fulfill this requirement by
 taking approved course from college elective or major core/elective but preference shall be given to the major course as it is more directly relevant to students' chosen major(s).