

**Information Management with BI, ISA and ISSN Streams — 4-Year Suggested Study Plan
 for Normative 4-Year Students of Catalogue Term of Sem A 2020/21 and Thereafter**

| 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) | GE (Note 4) | GE1401 / EL0200A University English or EAP (Note 1) | Either Sem A / B CHIN1001 University Chinese I (Note 2) | 2019 2020 2021 2022 |
| 1B | Either Sem A / B CB2100 Introduction to Financial Accounting | CB2200 Business Statistics | Either Sem A / B CB2300 Management | Either Sem A / B CB2601 Marketing | GE2402 / EL0200B English for Business Communication or EAP (Note 1) | | |
| 2A | CB2101 Introduction to Managerial Accounting | CB2402 Macro-Economics | IS3331 Database Management (I) | GE1501 Chinese Civilization – History and Philosophy | GE (Note 4) | GE1401 University English (for students taken EAP) | |
| 2B | CB3410 Financial Management | IS2505 E-Business | IS3430 Systems Analysis and Design (I) | Stream in BI IS2240 Python Programming for Business | Minor 1 / Elective 1 (Note 5) | GE2402 English for Business Communication (for students taken EAP) | 2020 2021 2022 2023 |
| | | | | Stream in ISA & ISSN College Elective (Note 6) | | | |
| 3A | Stream in BI GE (Note 4) | Stream in ISA IS4435 Governance & Regulatory Compliance for Financial Information Systems (I) | College Elective (Note 6) | College Elective (Note 6) | Minor 2 / Elective 2 (Note 5) | | 2021 2022 2023 2024 |
| | Stream in ISA IS3501 Cybersecurity for Business (I) | | | | | | |
| | Stream in ISSN Major Elective 1 (Note 3) | | | | | | |
| 3B | Stream in BI & ISA Major Elective 1 (Note 3) | Stream in BI IS3100 Techniques for Big Data | GE (Note 4) | Stream in BI & ISA College Elective (Note 6) | Minor 3 / Elective 3 (Note 5) | | |
| | Stream in ISSN IS2502 Social Media and Social Networks | Stream in ISA & ISSN GE (Note 4) | | Stream in ISSN IS4246 Digital Marketing and Customer Relationship Management | | | |
| 4A | IS4532 Global Project Management (I) | Stream in BI & ISA Major Elective 2 (Note 3) | Free Elective (Note 7) | Stream in BI IS4834 Business Intelligence and Analytics | Minor 4 / Elective 4 (Note 5) | | 2022 2023 2024 2025 |
| | | Stream in ISSN IS4340 Search Engine Optimization | | Stream in ISA & ISSN College Elective (Note 6) | | | |
| 4B | CB4303 Strategy & Policy | Stream in BI IS4335 Data Visualization | Stream in BI & ISSN College Elective (Note 6) | College Elective (Note 6) | Minor 5 / Elective 5 (Note 5) | | |
| | | Stream in ISA IS4537 Information Systems Audit (I) | Stream in ISA IS4543 Risk Management and Information Systems Control (I) | | | | |

| * Cohort | Home Major Catalogue Term |
|---|---------------------------|
| 2019 | Semeter A 2020/21 |
| 2020 (Major-based, admitted via JS1019/1019) | Semeter A 2020/21 |
| 2020 (Department-based, admitted via JS1017/1017) | Semeter A 2021/22 |

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) + 3 College Electives (9 CU)#
Major: 8 IFMG Major Core (24 CU) + 2 IFMG Major Electives (6 CU)
Free Elective - 1 course (3 CU)
Electives/Minor - 5 courses (15 CU)

For students declaring double major, 3 CU of College Elective (Areas 1--4) and 6 CU of College Elective (Area 5) will be exempted.

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

[\(D\): 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.

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 major 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 who do not choose a minor are required to take Elective courses.

6. Students are required to take **6 courses (18 CU)** from the College elective list: **3 college elective courses (9 CU)** are to fulfill the GE requirements in form of College-specified courses (**9 CU must be chosen from Areas 1 ~ 4 below**); and **3 college electives course (9 CU)** are to fulfill the College requirement (**3 CU must be chosen from Areas 1 ~ 4 below; 6 CU must be chosen from Area 5 below**).

- Area 1: Mathematics and Modeling
- Area 2: Programming and Technology
- Area 3: Law and Communications
- Area 4: Business (I)
- Area 5: Business (II)

7. Free Elective Requirements

The remaining credits are to fulfill the credit requirement for graduation, if so required.

| <u>Major Electives (Credit Units)</u> | + Subject to fulfilling pre-requisite requirements |
|--|--|
| IS2239 Data Structure and Algorithms (3) | IS4835 Information Management for Financial Services (3) |
| IS3101+ Cryptocurrency and Blockchain (3) | IS4837 Delivery Systems for Financial Services (3) (D) |
| IS3230 Java Programming for Business (3) (D) | IS4861+ Machine Learning for Business (3) |
| IS4030 Website Design for e-Commerce (3) | IS4937+ / IS4938+ Information Management Consulting Project I / II (3) |
| IS4032 Mobile Apps (3) | IS4940 Global Technology Entrepreneurship and Innovation (3) |
| IS4238 / IS4239 Internship I / II (3) | CB3800+ Business Practice Internship (3) |
| IS4636 Business Process and Service Management (3) | XXXXXX Any one Core course from other BBA Majors (3) |

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| Yr/Sem | | | | | | Offer Year | |
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| 1A | Either Sem A / B CB2201 Operations Management | Either Sem A / B CB2400 Micro-Economics | Either Sem A / B CB2500 Information Management (I) | GE (Note 4) | GE1401 / EL0200A University English or EAP (Note 1) | Either Sem A / B CHIN1001 University Chinese I (Note 2) | 2019 2020 2021 2022 |
| 1B | Either Sem A / B CB2100 Introduction to Financial Accounting | CB2200 Business Statistics | Either Sem A / B CB2300 Management | Either Sem A / B CB2601 Marketing | GE2402 / EL0200B English for Business Communication or EAP (Note 1) | | |
| 2A | CB2101 Introduction to Managerial Accounting | CB2402 Macro-Economics | IS3331 Database Management (I) | MS3251 Analytics using SAS | MS3252 Regression Analysis | GE1401 University English (for students taken EAP) | 2020 2021 2022 2023 |
| 2B | CB3410 Financial Management | IS2505 E-Business | MS3227 Probability and Applications in Business | IS2240 Python Programming for Business | Minor 1 / Elective 1 (Note 5) | GE2402 English for Business Communication (for students taken EAP) | |
| 3A | GE (Note 4) | College Elective (Note 6) | GE1501 Chinese Civilization – History and Philosophy | College Elective (Note 6) | Minor 2 / Elective 2 (Note 5) | | 2021 2022 2023 2024 |
| 3B | Major Elective 1 (Note 3) | IS3100 Techniques for Big Data | College Elective (Note 6) | College Elective (Note 6) | Minor 3 / Elective 3 (Note 5) | | |
| 4A | Major Elective 2 (Note 3) | IS4834 Business Intelligence and Analytics | Free Elective (Note 7) | GE (Note 4) | Minor 4 / Elective 4 (Note 5) | | 2022 2023 2024 2025 |
| 4B | CB4303 Strategy & Policy | College Elective (Note 6) | College Elective (Note 6) | GE (Note 4) | Minor 5 / Elective 5 (Note 5) | | |

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Stream

DI - Data Informatics

(I): ISACA Model Curriculum related courses

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| Cohort | Home Major Catalogue Term |
|---|---------------------------|
| 2019 | Semester A 2020/21 |
| 2020 (Major-based, admitted via JS1019/1019) | Semester A 2020/21 |
| 2020 (Department-based, admitted via JS1017/1017) | Semester A 2021/22 |

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Note

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4. Gateway Education Course Distributional Requirements

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- Area 2: Programming and Technology
- Area 3: Law and Communications
- Area 4: Business (I)
- Area 5: Business (II)

7. Free Elective Requirements

The remaining credits are to fulfill the credit requirement for graduation, if so required.

Major Electives (Credit Units)

| | | |
|--|---|--|
| AC4301+ Corporate Accounting II (3) | MGT4313+ Strategic Entrepreneurship (3) | + Subject to fulfilling pre-requisite requirements |
| AC4342+ Auditing (3) | MKT3603+ Consumer Behaviour (3) | |
| EF3320+ Security Analysis and Portfolio Management (3) | MKT3608+ Marketing Intelligence and Applications of Analytics (3) | |
| EF3333+ Financial Systems, Markets and Instruments (3) | MS3224 Business Survey Design (3) | |
| IS4861+ Machine Learning for Business (3) | MS4226 Financial Risk Analytics (3) | |
| IS4940 Global Technology Entrepreneurship and Innovation (3) | XXXXXX Any one Core or Elective course from other BBA Majors (3) | |