

**Information Management with BI, ISA and ISSN Streams — "4 minus 2" Suggested Study Plan  
 for Advanced Standing II Students of Catalogue Term of Sem A 2021/22 and Thereafter**

Yr/Sem							Offer Year
1A	CB2100 Introduction to Financial Accounting	CB2300 Management	CB2400 Micro-Economics	ENGL (1)	GE	Chinese (2)	Original Structure
1B	GE	CB2604 Marketing	CB2201 Operations Management	ENGL (1)	GE		
2A	CB3410 Financial Management	CB2505 E-Business	CB2500 Information Management	GE1501 Chinese Civilization - History and Philosophy	GE		
2B	Major A1	Major A2	Major A3	Minor	Major A4		
3A	College Elective (Note 5)	Stream in BI College Elective (Note 5)	IS3331 Database Management (I)	Stream in BI IS4834 Business Intelligence and Analytics	CB2200 Business Statistics	Either Sem A / B GE – College-specified course: CB2203 Data-driven Business Modeling	2021 2022
		Stream in ISA IS3501 Cybersecurity for Business (I)		Stream in ISA IS4435 Governance & Regulatory Compliance for Financial Information Systems (I)			
3B	Stream in BI IS4335 Data Visualization Stream in ISA IS4133 Cloud Computing and Services Stream in ISSN IS2502 Social Media and Social Networks	IS3430 Systems Analysis and Design (I)	GE2402 English for Business Communication (Note 1)	Stream in BI & ISA Major Elective 1 (Note 4)	Either Sem A / B CB3043 Business Case Analysis and Communication	Either Sem A / B GE – College-specified course: CB2240 Introduction to Business Programming in Python	
				Stream in ISSN IS4246 Digital Marketing and Customer Relationship Management			
4A	GE (Note 3)	Stream in BI IS4861 Machine Learning for Business	IS4532 Global Project Management (I)	Stream in BI IS3240 Advanced Business Programming in Python	Either A / B CHIN1001 University Chinese I (Note 2)		2022 2023
		Stream in ISA & ISSN College Elective (Note 5)		Stream in ISSN IS4340 Search Engine Optimization			
4B	CB4303 Strategy & Policy	CB2101 Introduction to Managerial Accounting	CB2402 Macro-Economics	Stream in BI IS3100 Techniques for Big Data	Stream in BI & ISSN Major Elective 2 (Note 4)		
				Stream in ISA IS4537 Information Systems Audit (I)			

**Minimum Credits Required (Credit Units)\***

GE (9 CU): 1 GE course (3 CU) +  
 2 College-specified courses (6 CU)  
 GE English (3 CU): 1 course (3 CU)  
 College (21 CU): 5 College Core (15 CU) + 2 College Elective (6 CU)#  
 Major (30 CU): 8 IFMG Major Core (24 CU) + 2 IFMG Major Electives (6 CU)

**Min. Total: 21 courses (63 CU)**  
**Max. Allowable: 28 courses (84 CU)**

\* CU = Credit Units

**Note**

- Only required to take GE2402 English for Business Communication. Block credit exemption will include GE1401 University English.
- May be required to make up for the university Chinese requirement.
- Gateway Education Course Distributional Requirements**  
 Take 1 course (3 CU) from any one of the three areas below:  
 Area 1: Arts and Humanities  
 Area 2: Study of Societies, Social and Business Organizations  
 Area 3: Science and Technology
- Students will select 2 courses out of the major electives pool shown on the right, from among the **Stream Core courses** of other IFMG Streams, or from among other IS courses as approved by the IFMG Major Leader.
- College Elective Requirement**  
 Students are required to take 2 courses (6 CU) from the College elective list.  
 # For students declaring BBA double major, 6 credit units of College Electives will be exempted. These 6 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.

**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.**

**Credits Exempted**

GE: 3 GE courses (9 CU)  
 +1 College Elective (3 CU)  
 GE English: 1 course (3 CU)  
 GE1501: 1 course (3 CU)  
 College Core: 7 courses (21 CU)  
 Minor/Free Electives: 6 courses (18 CU)

**Streams**

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

**Major Electives (Credit Units)**

+ Subject to fulfilling pre-requisite requirements  
 IS2022 Business Programming with Spreadsheet (3)  
 IS2239 Data Structure and Algorithms (3)  
 IS3101+ Cryptocurrency and Blockchain (3)  
 IS3230 Java Programming for Business (3) (I)  
 IS4030 Website Design for e-Commerce (3)  
 IS4032 Mobile Apps (3)  
 IS4238 / IS4239 Internship I / II (3)  
 IS4636 Business Process and Service Management (3)  
 IS4837 Regulatory Compliance for Financial Services Technologies (3) (I)  
 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)

(I): 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.

**Information Management with DI Stream — "4 minus 2" Suggested Study Plan  
 for Advanced Standing II Students of Catalogue Term of Sem A 2021/22 and Thereafter**

Yr/Sem							Offer Year
1A	CB2100 Introduction to Financial Accounting	CB2900 Management	CB2400 Micro-Economics	ENGL (1)	GE	Chinese (2)	Original Structure
1B	GE	CB2601 Marketing	CB2201 Operations Management	ENGL (1)	GE		
2A	CB3410 Financial Management	CB2505 E-Business	CB2500 Information Management (I)	GE1501 Chinese Civilization - History and Philosophy	GE		
2B	Major A1	Major A2	Major A3	Minor	Major A4		
3A	CB2200 Business Statistics	Either Sem A / B GE – College-specified course: CB2203 Data-driven Business Modeling	IS3331 Database Management (I)	IS4834 Business Intelligence and Analytics	MS3251 Analytics using SAS		2021 2022
3B	Either Sem A / B CB3043 Business Case Analysis and Communication	Either Sem A / B GE – College-specified course: CB2240 Introduction to Business Programming in Python	Major Elective 1 (Note 4)	Major Elective 2 (Note 4)	MGT3227 Probability and Applications in Business	MS3252 Regression Analysis	
4A	IS3240 Advanced Business Programming in Python	IS4861 Machine Learning for Business	GE (Note 3)	GE2402 English for Business Communication (Note 1)	College Elective (Note 5)	Either A / B CHIN1001 University Chinese I (Note 2)	2022 2023
4B	CB4303 Strategy & Policy	CB2101 Introduction to Managerial Accounting	CB2402 Macro-Economics	IS3100 Techniques for Big Data	College Elective (Note 5)		

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 2 College-specified courses (6 CU)  
 GE English (3 CU): 1 course (3 CU)  
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**Min. Total: 21 courses (63 CU)**  
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**Note**

- (1) Only required to take GE2402 English for Business Communication. Block credit exemption will include GE1401 University English.
- (2) May be required to make up for the university Chinese requirement.
- (3) **Gateway Education Course Distributional Requirements**  
 Take 1 course (3 CU) from any one of the three areas below:  
 Area 1: Arts and Humanities  
 Area 2: Study of Societies, Social and Business Organizations  
 Area 3: Science and Technology
- (4) Students will select 2 courses out of the major electives pool shown on the right.
- (5) **College Elective Requirement**  
 Students are required to take 2 courses (6 CU) from the College elective list.  
 # For students declaring BBA double major, 6 credit units of College Electives will be exempted. These 6 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.

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**Credits Exempted**

GE: 3 GE courses (9 CU)+1 College Elective (3 CU)  
 GE English: 1 course (3 CU)  
 GE1501: 1 course (3 CU)  
 College Core: 7 courses (21 CU)  
 Minor/Free Electives: 6 courses (18 CU)

**Stream**

DI - Data Informatics

**Major Electives (Credit Units)**

+ Subject to fulfilling pre-requisite requirements  
 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)  
 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)

(I): ISACA Model Curriculum related courses

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