

**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 2020/21 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	CB2601 Marketing	CB2601 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	College Elective (Note 5)	Stream in BI IS2505 E-Business Stream in ISA IS3501 Cybersecurity for Business (I) Stream in ISSN College Elective (Note 5)	IS3331 Database Management (I)	Stream in BI IS2240 Python Programming for Business Stream in ISA IS4435 Governance & Regulatory Compliance for Financial Information Systems (I) Stream in ISSN Major Elective 1 (Note 4)	College Elective (Note 5)		2020 2021
3B	Stream in BI IS3100 Techniques for Big Data Stream in ISA & ISSN IS2505 E-Business	IS3430 Systems Analysis and Design (I)	Stream in BI & ISA College Elective (Note 5) Stream in ISSN IS2502 Social Media and Social Networks	Stream in BI & ISA Major Elective 1 (Note 4) Stream in ISSN IS4246 Digital Marketing and Customer Relationship Management	CB2200 Business Statistics	GE2402 English for Business Communication (Note 1)	
4A	GE (Note 3)	College Elective (Note 5)	IS4532 Global Project Management (I)	Stream in BI IS4834 Business Intelligence and Analytics Stream in ISSN IS4340 Search Engine Optimization Stream in ISA Major Elective 2 (Note 4)	Either A / B CHIN1001 University Chinese I (Note 2)		2021 2022
4B	CB4303 Strategy & Policy	CB2101 Introduction to Managerial Accounting	CB2402 Macro-Economics	Stream in BI IS4335 Data Visualization Stream in ISA IS4537 Information Systems Audit (I) Stream in ISSN IS4538 O2O Services	Stream in BI & ISSN Major Elective 2 (Note 4) Stream in ISA IS4543 Risk Management and Information Systems Control (I)	College Elective (Note 5)	

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

GE: 1 GE course (3 CU) +  
 2 College Electives (6 CU)  
 GE English: 1 course (3 CU)  
 College: 4 College Core (12 CU) + 3 College Elective (9 CU)#  
 Major: 8 IFMG Major Core (24 CU) + 2 IFMG Major Electives (6)

**# 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: 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 on the right, from among the **Stream Core courses** of other IFMG Streams, or from among other IS courses as approved by the Major Leader.
- Students are required to take 5 courses (15 CU) from the College elective list: 2 college elective courses (6 CU) are to fulfill the GE requirements in form of College-specified courses (6 CU must be chosen from Areas 1 - 4 below); and 3 college elective courses (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)

**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/Electives: 5 courses (15 CU)  
 Free Elective: 1 course (3 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  
 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)  
 IS4835 Information Management for Financial Services (3)  
 IS4837 Delivery Systems for Financial Services (3) (I)  
 IS4861+ Machine Learning for Business (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)

(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.

**Information Management with DI Stream — "4 minus 2" Suggested Study Plan  
 for Advanced Standing II Students of Catalogue Term of Sem A 2020/21 and Thereafter**

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1B	GE	CB2601 Marketing	CB2201 Operations Management	ENGL (1)	GE		
2A	CB3440 Financial Management	CB2665 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	IS2505 E-Business	IS2240 Python Programming for Business	IS3331 Database Management (I)	MS3251 Analytics using SAS	MS3252 Regression Analysis	2020 2021
3B	Major Elective 1 (Note 4)	CB2101 Introduction to Managerial Accounting	IS3100 Techniques for Big Data	MGT3227 Probability and Applications in Business	College Elective (Note 5)		
4A	IS4834 Business Intelligence and Analytics	GE (Note 3)	GE2402 English for Business Communication (Note 1)	College Elective (Note 5)	College Elective (Note 5)	Either A / B CHIN1001 University Chinese I (Note 2)	2021 2022
4B	Major Elective 2 (Note 4)	CB4303 Strategy & Policy	CB2402 Macro-Economics	College Elective (Note 5)	College Elective (Note 5)		

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 Area 3: Law and Communications  
 Area 4: Business (I)  
 Area 5: Business (II)

**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/Electives: 5 courses (15 CU)  
 Free Elective: 1 course (3 CU)

**Stream**

DI - Data Informatics

**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)  
 IS4861+ Machine Learning for Business (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)

+ Subject to fulfilling pre-requisite requirements

(I): ISACA Model Curriculum related courses

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