

**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 2018/19 ~ Sem B 2019/20**

| Yr/Sem |  |  |   |   |   |  | Offer Year   |
|--------|--|--|---|---|---|--|--|
| 1A     | CB2100<br>Introduction to Financial Accounting | CB2300<br>Management                                   | CB2400<br>Micro-Economics                                 | ENGL<br>(1)   | GE  | Chinese<br>(2)   | Original<br>Structure  |
| 1B     | GE   | CB2601<br>Marketing                                    | CB2201<br>Operations Management                           | ENGL<br>(1)   | GE  |  |  |
| 2A     | CB3440<br>Financial Management                 | CB2506<br>E-Business                                   | CB2500<br>Information Management (I)                      | GE1501<br>Chinese Civilization - History and Philosophy   | GE  |  |  |
| 2B     | Major A1                                       | Major A2   | Major A3  | Minor   | Major A4  |  |  |
| 3A     | College Elective<br>(Note 5)                   | Stream in BI<br>IS3100 Techniques for Big Data         | IS3331<br>Database Management (I)                         | Stream in BI<br>IS3230 Java Programming for Business (I)  | College Elective<br>(Note 5)                              |  | 2018<br>2019   |
|        |  | Stream in ISA<br>IS3501 Cybersecurity for Business (I) |   | Stream in ISA<br>IS4435 Governance & Regulatory Compliance for<br>Financial Information Systems (I) |   |  |  |
| 3B     | IS2505<br>E-Business                           | IS3430<br>Systems Analysis and Design (I)              | Stream in BI & ISA<br>College Elective (Note 5)           | Stream in BI & ISA<br>IS Elective 1 (Note 4)  | CB2200<br>Business Statistics                             | GE2402<br>English for Business Communication<br>(Note 1) |  |
|        |  |  | Stream in ISSN<br>IS2502 Social Media and Social Networks | Stream in ISSN<br>IS4246 Digital Marketing and<br>Customer Relationship Management                  |   |  |  |
| 4A     | GE<br>(Note 3)                                 | College Elective<br>(Note 5)                           | IS4532<br>Global Project Management (I)                   | Stream in BI<br>IS4834 Business Intelligence and Analytics  | Either A / B<br>CHIN1001 University Chinese I<br>(Note 2) |  | 2019<br>2020   |
| 4B     | CB4303<br>Strategy & Policy                    | CB2101<br>Introduction to Managerial Accounting        | CB2402<br>Macro-Economics                                 | Stream in ISSN<br>IS4340 Search Engine Optimization   |   |  |  |
|        |  |  |   | Stream in BI<br>IS4335 Data Visualization   | Stream in BI & ISSN<br>IS Elective 2<br>(Note 4)          | Stream in ISA<br>IS4537 Information Systems Audit (I)    | Stream in ISA<br>IS4543 Risk Management and Information<br>Systems Control (I) |

**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**

(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 IS 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.

(5) 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

**IS Electives (Credit Units)**

+ Subject to fulfilling pre-requisite requirements  
 IS2239 Data Structure and Algorithms (3)  
 IS2240 Python Programming for Business (3)  
 IS3101+ Cryptocurrency and Blockchain (3)  
 IS4032 Mobile Apps (3)  
 IS4238 / IS4239 Internship I / II (3)  
 IS4333 Human-Computer Interaction for Business (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.