HKU BUSINESS SCHOOL 港大經管學院

Bachelor of Business Administration (Information Systems)
工商管理學學士（資訊系統）

Year 1 (60 credits)

- **CAES1000** Core University English
- Common Core Course 1
- Common Core Course 2
- Common Core Course 3
- Common Core Course 4
- **ACCT1101** Introduction to Financial Accounting
- **ECON1210** Introductory Microeconomics
- Statistics Course (**STAT1602 / STAT1603**)
- **COMP1117** Computer Programming
- Free Elective 1

Year 2 (60 credits)

- **CAES9920** Academic Communication for Business and Economics
- Common Core Course 5
- Common Core Course 6
- **FINA1310** Corporate Finance
- **IIMT2601** Management Information Systems
- **MGMT2401** Principles of Management (Year 2 or 3)
- **MKTG2501** Introduction to Marketing (Year 2 or 3)
- **IIMT3602** Information Systems Analysis and Design **OR** **COMP3297** Software Engineering
- **COMP2113** Programming Technologies
- **COMP2121** Discrete Mathematics
- **COMP2120** Computer Organization (Year 2 or 3)
- Free Elective 2 (Year 2 or 3)
- Free Elective 3 (Year 2 or 3)
- Free Elective 4 (Year 2 or 3)
- Free Elective 5 (Year 2 or 3)

Year 3 (60 credits)

- **CBBA9002** Practical Chinese for BBA(IS) Students
- **IIMT3601** Database Management **OR** **COMP3278** Introduction to Database Management Systems
- **COMP2119** Introduction to Data Structures and Algorithms
- **COMP2396** Object-oriented Programming and Java (Year 3 or 4)
- CS Disciplinary Elective 1 (Year 3 or 4)
- CS Disciplinary Elective 2 (Year 3 or 4)
- CS Disciplinary Elective 3 (Year 3 or 4)
- CS Disciplinary Elective 4 (Year 3 or 4)
- CS Disciplinary Elective 6* (Year 3 or 4) [*Complete if IIMT3602 is taken]
- IS Disciplinary Elective 2* (Year 2 or 3 or 4) [*Complete if COMP3297 is taken]

Year 4 (60 credits)

- **IIMT3603** Project Management
- **IIMT4601** Information Systems Project Management
- **STRA4701** Strategic Management (Capstone)
- **COMP3230** Principles of Operating Systems (Capstone)
- **COMP3234** Computer and Communication Networks **OR** **IIMT3604** Telecommunications Management
- CS Disciplinary Elective 5* [*Complete if IIMT3601 is taken]
- IS Disciplinary Elective 1* [*Complete if COMP3278 is taken]

Legend:

- Language Courses (3 courses; 18 credits)
- Common Core Courses (6 courses; 36 credits)
- Major in Information Systems (12 courses; 72 credits)
- Major in Computer Science (14 courses; 84 credits)
- Free Elective (5 courses; 30 credits)

Bachelor of Business Administration (Information Systems) [BBA(IS)] Curriculum Requirements (Total: 240 credits)
(Please refer to the BBA(IS) Degree Syllabus of the 2020-2021 intake for details.)

1. **UG5 Requirements (9 courses; 54 credits)**

    (a) <u>Language Courses (3 courses; 18 credits)</u>: (i) *CAES1000* Core University English + (ii) *CAES9920* Academic Communication for Business and Economics + (iii) *CBBA9002* Practical Chinese for BBA(IS) Students

    - *CAES1000* Core University English (CUE) is a compulsory course for all undergraduate students. Students must enrol in *CAES1000* in either Semester 1 or 2 of Year 1 unless exemption or advanced standing has been granted. Students who have achieved Level 5 or above in English Language in HKDSE, or equivalent, are exempted from the CUE requirement, and *CAES1000* is optional. Those who do not take *CAES1000* should take a free elective course in lieu.

      Students who have achieved Level 5 or above in HKDSE English Language are automatically exempted from the CUE requirement. Those who have attained the equivalencies to Level 5 or above in HKDSE English Language are also eligible to apply for exemption from the CUE requirement. To apply for exemption from the CUE requirement, students should complete the online application form at the HKU Business School (the School) website (https://www.fbe.hku.hk/ug/useful-info/downloadable-forms) by the deadline. Students with Level 3 or Level 4 in HKDSE English Language are NOT allowed to use any of the equivalent standards to get exempted from *CAES1000*.

    - Putonghua-speaking candidates must take *CUND9002* Practical Chinese and Hong Kong Society or *CUND9003* Cantonese for Non-Cantonese Speaking Students (instead of *CBBA9002* Practical Chinese for BBA(IS) Students). Students who have not studied the Chinese language during their secondary education or who have not attained the requisite level of competence in the Chinese language to take *CBBA9002* should apply for exemption from the Chinese language requirement and take a 6-credit Cantonese or Putonghua language course offered by the School of Chinese especially for international and exchange students, or take a free elective course, in lieu of *CBBA9002*. To apply for exemption from the Chinese language requirement, students should complete the application form at the School website (https://www.fbe.hku.hk/ug/useful-info/downloadable-forms) and return it to the School Office by the deadline.

    (b) <u>Common Core Courses (6 courses; 36 credits)</u>

    Students shall complete a total of 6 Common Core courses (36 credits), comprising at least one and not more than two courses from each Area of Inquiry (AoI) with not more than 24 credits of courses being selected within one academic year except where candidates are required to make up for failed credits.

2. **Compulsory First Major in Information Systems (IS) (12 courses; 72 credits)**

    (a) <u>Faculty Core Courses (FCC) (4 courses; 24 credits)</u>: (i) *ACCT1101* Introduction to Financial Accounting + (ii) *ECON1210* Introductory Microeconomics + (iii) *FINA1310* Corporate Finance + (iv) Statistics Course (*ECON1280* Analysis of Economic Data or *STAT1602* Business Statistics or *STAT1603* Introductory Statistics)

    - FCC can only be double-counted across major-major, but not major-minor combination. Should the FCC constitute the requirements of a second major or a minor offered by HKU Business School, students will be required to take an equivalent number of credits of free electives (for major-major combination) or advanced level minor disciplinary electives (for major-minor combination) in lieu of the overlapped FCC.

    - Double-counting is NOT allowed for courses other than the FCC. Students will be required to take an equivalent number of credits of advanced level disciplinary electives under the major/minor concerned in lieu of the overlapped courses.

    (b) <u>Disciplinary Core Courses (5-7 courses; 30-42 credits)</u>: (i) *IIMT2601* Management Information Systems + (ii) *IIMT3601* Database Management *(for IS Major)* or *COMP3278* Introduction to Database Management Systems *(for CS Major)* + (iii) *IIMT3602* Information Systems Analysis and Design *(for IS Major)* or *COMP3297* Software Engineering *(for CS Major)* + (iv) *IIMT3603* Project Management + (v) *IIMT4601* Information Systems Project Management + (vi) *MGMT2401* Principles of Management + (vii) *MKTG2501* Introduction to Marketing

    (c) <u>IS Disciplinary Electives (0-2 courses; 0-12 credits)</u>: 0 credits if *IIMT3601* and *IIMT3602* are taken. If *COMP3278* and/or *COMP3297* is/are taken, students should complete an equivalent number of credits (i.e. 6-12 credits) of IS disciplinary electives in lieu. Please refer to Attachment I for the list of IS disciplinary electives.

    (d) <u>Capstone Course (1 course; 6 credits)</u>: *STRA4701* Strategic Management

3. **Compulsory Second Major in Computer Science (CS) (14 courses; 84 credits) – *offered by the Faculty of Engineering***

    Students should declare the compulsory second major in Computer Science via SIS during the preliminary course enrolment period in Year 2.

    (a) <u>Disciplinary Core Courses (7-9 courses; 42-54 credits)</u>: (i) *COMP1117* Computer Programming + (ii) *COMP2113* Programming Technologies + (iii) *COMP2119* Introduction to Data Structures and Algorithms + (iv) *COMP2120* Computer Organization + (v) *COMP2121* Discrete Mathematics + (vi) *COMP2396* Object-oriented Programming and Java + (vii) *COMP3234* Computer and Communication Networks or *IIMT3604* Telecommunications Management + (viii) *COMP3278* Introduction to Database Management Systems (for CS Major) or *IIMT3601* Database Management (for IS Major) + (ix) *COMP3297* Software Engineering (for CS Major) or *IIMT3602* Information Systems Analysis and Design (for IS Major)

    (b) <u>CS Disciplinary Electives (4-6 courses; 24-36 credits)</u>: Students should complete 24 credits of CS disciplinary electives if *COMP3278* and *COMP3297* are taken. If *IIMT3601* and/or *IIMT3601* is/are taken, students should complete an equivalent number of credits (i.e. additional 6-12 credits) of CS disciplinary electives in lieu. Please refer to the Computer Science Department website (https://www.cs.hku.hk/programmes/course-offered) for the list of CS disciplinary electives.

    (c) <u>Capstone Course (1 course; 6 credits)</u>: *COMP3230* Principles of Operating Systems

4. **Free Electives (5 courses; 30 credits)**

    Free electives are courses in any disciplines except Common Core and Chinese Language Enhancement courses.

The BBA(IS) degree regulations and syllabus, course descriptions, and course outlines are downloadable from the School website (https://www.fbe.hku.hk/ug/). For enquiries regarding the BBA(IS) curriculum, please contact the School Office by email to fbe.undergrad@hku.hk. It is important that you state your full name, university number, curriculum, and year of study in the email.

IS Disciplinary Electives

Course Code	Course Title	Credits
IIMT2602	Business Applications Development	6
IIMT2641	Introduction to Business Analytics	6
IIMT3604	Telecommunications Management	6
IIMT3622	Business Transformation	6
IIMT3642	Managing and Mining Big Data	6
IIMT3661	Decision Support and Expert Systems	6
IIMT3662	Advanced Database Management	6
IIMT3663	Internet and Mobile Applications	6
IIMT3664	Telecommunications Policy	6
IIMT3665	Information Systems Security Management	6
IIMT3666	Current Topics in Information Systems	6
IIMT3667	Information Systems Strategy	6
IIMT3668	Multimedia Applications Development	6
IIMT3681	Supply Chain Management	6
IIMT3682	IT and Entrepreneurship	6
IIMT3683	Enterprise Resources Planning Systems	6
IIMT3684	Web and Social Media Technology	6
IIMT3685	E-Commerce	6
IIMT3688	Artificial Intelligence in Business	6
IIMT3686	Information Systems Audit and Control	6
IIMT4602	Digital Innovation	6

*(*Note: The courses listed above may not be offered every year.)*

HKU Business School
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