SYLLABUS FOR THE DEGREE OF
BACHELOR OF BUSINESS ADMINISTRATION (INFORMATION SYSTEMS)
[BBA(IS)]

This syllabus applies to candidates admitted to the first year of study of the 4-year curriculum in the academic year 2020-21 and thereafter.

---

1. Candidates must enroll and attempt examination in not fewer than 240 credits of courses in accordance with the regulations and the syllabuses. In addition, the 240 credits of courses should be completed in the following manner:

    UG 5 requirements [54 credits]
    - Languages*   18 credits
    - HKU Common Core Curriculum*   36 credits

    Major in Information Systems [72 credits]
    - Core courses   60-72 credits[3,4]
    - Disciplinary Information Systems elective(s)[1]   0-12 credits[3,4]

    Major in Computer Science [84 credits]
    - Core courses   48-60 credits[3,4]
    - Disciplinary Computer Science electives[2]   24-36 credits[3,4]

    Free Electives [30 credits]   30 credits

    Total credits for degree programme   240 credits

2. To fulfill the graduation requirement of this degree in accordance with UG 5 of the Regulations for First Degree Curricula, candidates must satisfactorily complete the credits of courses identified by an asterisk (*). Those courses include the following areas of study: English language enhancement (12 credits), Chinese language enhancement (6 credits) and Common Core courses (36 credits), and successful completion of a capstone experience.

3. The Common Core courses are categorized under four Areas of Inquiry (AoI): Scientific and Technological Literacy, Humanities, Global Issues, and China: Culture, State, and Society. Candidates must complete a total of 36 credits, comprising at least one and not more than two courses from each Area of Inquiry 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.

4. The following courses are designated as Faculty Core courses: ACCT1101, ECON1210, FINA1310, and a statistics course, as prescribed in the syllabus. Candidates are not required to re-take Faculty Core courses where any of these courses form part of the requirements of a second major offered by the Faculty of Business and Economics, however, candidates must take an equivalent number of credits of free electives in lieu of the Faculty Core courses.

5. The courses listed in the syllabus will not necessarily be offered every year; from time to time, depending on the exigencies of staffing, additional courses may be offered. The Faculty of Business and Economics will only offer electives for which sufficient student demand has been expressed in any one year.

6. For courses offered by the Faculty of Business and Economics, the final examination is normally 2 hours in length. Final grading will normally be determined by performance in the final examination (30-60%) and an assessment of coursework (40-70%) except for final project/final papers which will be assessed by 100% coursework.

7. Candidates should take note of any impermissible combinations of major/minor listed in the document "Major/Minor Programmes offered by FBE" for the year concerned.

8. Candidates are not permitted to enroll in courses where significant portions of the course contents overlap with each other, or where the courses are mutually exclusive.

---

1. UG 5 requirements [54 credits]

(a) Languages* [18 credits]

Course code	Course title	Year of study	Credits
CAES1000[#]	Core University English*	1	6
CAES9920	Academic communication for business and economics*	2	6
CBBA9002[^] *or*	Practical Chinese for BBA(IS) students* *or*	3	
CUND9002[^] *or*	Practical Chinese and Hong Kong society *or*	1 or 2 or 3	6
CUND9003[^]	Cantonese for Non-Cantonese speaking students	1 or 2 or 3	

[#]   Candidates who have achieved Level 5 or above in English Language in the Hong Kong Diploma of Secondary Education Examination, or equivalent, are exempted from this requirement, and Core University English is optional.   Those who do not take this course should take an elective course in lieu, see *Regulation UG 6*.

[^]   Putonghua-speaking students must take CUND9002 or CUND9003.   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 write to the Board of Studies to 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.   If a Cantonese or Putonghua language course offered by the School of Chinese or free elective course is taken in lieu of CBBA9002, it may be taken in any year of study.

(b) HKU Common Core Curriculum* [36 credits]

Course code	Course title	Year of study	Credits
CCXXxxxx	4 CC courses in all four Areas of Inquiry*	1	24
CCXXxxxx	2 CC courses in any two Areas of Inquiry*	2	12

2. Major in Information Systems [72 credits]

Course code	Course title	Year of study	Credits
Faculty Core Courses – complete all of the following courses:			
ACCT1101	Introduction to financial accounting	1	6
ECON1210	Introductory microeconomics	1	6
Statistics requirement – choose one of the following:			
STAT1602	Business statistics *or*	1	6
STAT1603	Introductory statistics		
FINA1310	Corporate finance	2	6
Disciplinary Core Courses – complete all of the following courses:			
IIMT2601	Management information systems	2	6
MGMT2401	Principles of management	2 or 3	6
MKTG2501	Introduction to marketing	2 or 3	6
IIMT3602 *or*	Information systems analysis and design[3] *or*	2	6
COMP3297	Software engineering[3]	3	
IIMT3601 *or*	Database management[4] *or*	3	6
COMP3278	Introduction to database management systems[4]		
IIMT3603	Project management	4	6
IIMT4601	Information systems project management	4	6
STRA4701	Strategic management* (Capstone course)	4	6
Disciplinary Elective(s):			
IIMTxxxx	IS disciplinary elective(s)[1]	2 or 3 or 4	0-12[3,4]

3. Major in Computer Science [84 credits]

Course code	Course title	Year of study	Credits
COMP1117	Computer programming	1	6
COMP2113	Programming technologies	2	6
COMP2121	Discrete mathematics	2	6
COMP2119	Introduction to data structures and algorithms	3	6
COMP2120	Computer organization	2 or 3	6
IIMT3602 *or*	Information systems analysis and design[3] *or*	2	6
COMP3297	Software engineering[3]	3	
IIMT3601 *or*	Database management[4] *or*	3	6
COMP3278	Introduction to database management systems[4]		
COMP2396	Object-oriented programming and Java	3 or 4	6
COMP3230	Principles of operating systems* (Capstone course)	4	6
COMP3234 *or*	Computer and communication networks *or*	4	6
IIMT3604	Telecommunications management		
COMPxxxx	CS disciplinary electives[2]	3 or 4	24-36[3,4]

4. Free Electives [30 credits] – any courses except Common Core courses

Course code	Course title	Year of study	Credits
XXXXxxxx	1 Free elective	1	6
XXXXxxxx	4 Free electives	2 or 3	24

Notes:
1. Any IS electives offered by the Faculty of Business and Economics.
2. Elective courses offered by the Department of Computer Science, except Research Internship.
3. Students shall take either "IIMT3602 Information systems analysis and design" in Year 2 or "COMP3297 Software engineering" in Year 3.   If IIMT3602 (for the IS major) is taken, then the student shall complete a CS elective in or after Year 3; or if COMP3297 (for the CS major) is taken, then the student shall complete an IS elective in or after Year 2.
4. Students shall take either "IIMT3601 Database management" or "COMP3278 Introduction to database management systems" in Year 3.   If IIMT3601 (for the IS major) is taken, then the student shall complete a CS elective in Year 4; or if COMP3278 (for the CS major) is taken, then the student shall complete an IS elective in Year 4.

REFERENCE TABLE

Year	Lang.	Common Core	IS Major (Core)	IS Major (Elect.)	CS Major (Core)	CS Major (Elect.)	Free Electives	Total
I	6 credits	24 credits	18 credits	–	6 credits	–	6 credits	60 credits
II	6 credits	12 credits	12-18[3] credits	0-6[3] credits	18 credits	–	24 credits	60 credits
III	6 credits	–	12-18[4] credits	0-6[3] credits	12-24[3,4] credits	6-12[3,4] credits		60 credits
IV	–	–	18 credits	0-12[3,4] credits	12 credits	18-30[3,4] credits	–	60 credits
Total	18 credits	36 credits	72 credits		84 credits		30 credits	240 credits