REGULATIONS FOR THE DEGREE OF BACHELOR OF ENGINEERING IN COMPUTER SCIENCE AWARDED IN CONJUNCTION WITH THE DEGREE OF BACHELOR OF BUSINESS ADMINISTRATION (INFORMATION SYSTEMS)

These regulations apply to BBA(IS) graduates of the 4-year curriculum admitted to the BEng(CompSc) degree curriculum in the academic year 2017-18 and thereafter.

(See also General Regulations and Regulations for First Degree Curricula)

ISCS 1 Admission Requirements

To be eligible for admission to the programme leading to the Degree of Bachelor of Engineering in Computer Science under these regulations, a candidate shall

(a) comply with the General Regulations;
(b) comply with the Regulations for First Degree Curricula; and
(c) hold the degree of BBA(IS) from The University of Hong Kong.

ISCS 2 Period of Study

The curriculum shall normally require two semesters of full-time study, extending over not fewer than one academic year, and shall include any assessment to be held during and/or at the end of each semester. Candidates shall not in any case be permitted to extend their studies beyond the maximum period of registration of two academic years, except with the approval of the Board of the Faculty of Engineering.

ISCS 3 Curriculum Requirements

To be eligible for the award of the Degree of Bachelor of Engineering in Computer Science, a candidate shall

(a) comply with the General Regulations;
(b) satisfy the requirements prescribed in UG 5 of the Regulations for First Degree Curricula;
(c) complete the curriculum and satisfy the examiners in accordance with these regulations; and
(d) satisfy the examiners in no fewer than 60 credits of courses as prescribed in the syllabus.

ISCS 4 Candidates shall normally select not fewer than 24 and not more than 30 credits of courses in any one semester (except the summer semester), unless otherwise permitted or required by the Board of the Faculty of Engineering. With the special permission of the Board of the Faculty of Engineering, candidates may exceed the annual study load of 72 credits.

ISCS 5 Candidates with unsatisfactory academic progress may be required by the Board of the Faculty of Engineering to take a reduced study load of not fewer than 24 credits per semester.

ISCS 6 Selection of Courses

Candidates shall select their courses in accordance with these regulations and the guidelines specified in the syllabus before the beginning of each academic year. Changes to the selection of courses may be made only during the add/drop period of the semester in which the course begins, and such changes shall not be reflected in the transcript of the candidate. Requests for changes after the designated add/drop period of the semester shall be subject to the approval of the Board of the Faculty of Engineering. Withdrawal from courses beyond the designated add/drop period will be subject to the approval of the Board of the Faculty of Engineering.

ISCS 7 Assessment and Grades

Candidates shall be assessed for each of the courses for which they have registered, and assessment may be conducted in any one or any combination of the following manners: written examinations or tests, continuous assessment, laboratory work, field work, project reports, or in any other manner as specified in the syllabus. There shall be no appeal against the results of examinations and all other forms of assessment in accordance with UG 7(f) of the Regulations for First Degree Curricula. Grades shall be awarded in accordance with UG 8 of the Regulations for First Degree Curricula.

ISCS 8 Written examinations or tests shall normally be held at the end of each semester unless otherwise specified in the syllabus.

ISCS 9 Failure in Assessment

Candidates are required to make up for failed courses in the following manner:

(a) undergoing re-assessment/re-examination in the failed course to be held no later than the end of the following semester (not including the summer semester); or
(b) re-submitting failed coursework, without having to repeat the same course of instruction; or
(c) repeating the failed course by undergoing instruction and satisfying the assessments; or
(d) for elective courses, taking another course in lieu and satisfying the assessment requirements.

ISCS 10 Candidates shall not be permitted to repeat a course for which they have received a grade D or above for the purpose of upgrading.

ISCS 11 Unsatisfactory Performance

A candidate will normally be recommended for discontinuation under the provisions of General Regulation G 12 and UG 4(e) of the Regulations for First Degree Curricula if they have:

(a) failed to complete successfully 36 or more credits in two consecutive semesters (not including the summer semester), except where they are not required to take such a number of credits in the two given semesters; or
(b) failed to achieve an average Semester GPA of 1.0 or higher for two consecutive semesters (not including the summer semester); or
(c) exceeded the maximum period of registration specified in ISCS 2.

ISCS 12 Absence from Examination

Candidates who are unable, because of illness, to be present at the written examination of any course may apply for permission to present themselves at a supplementary examination of the same course to be held before the beginning of the First Semester of the following academic year. Any such application shall be made on the form prescribed within two weeks of the first day of the candidate's absence from any examination. Any supplementary examination shall be part of that academic year's examinations, and the provisions made in the regulations for failure at the first attempt shall apply accordingly.

ISCS 13 Advanced Standing

Advanced standing may be granted to candidates in recognition of studies completed successfully in accordance with UG 2 of the Regulations for First Degree Curricula, provided that no candidate shall be eligible for such exemption without having earned at least 240 credits by passing courses in the BBA(IS) degree at this University. Advanced standing credits will be recorded on the transcript of the candidate and may be included in the calculation of GPA and taken into consideration for the honours classification of the BEng(CompSc) degree to be awarded if permitted by the Board of the Faculty.

ISCS 14 Degree Classification

(a) Honours classification shall be awarded in five divisions: First Class Honours, Second Class Honours Division One, Second Class Honours Division Two, Third Class Honours, and Pass. The classification of honours shall be determined by the Board of Examiners for the degree in accordance with the following Graduation GPA (GGPA) scores, with all courses taken (including failed courses) carrying weightings which are proportionate to their credit values:

Class of Honours	GGPA Range
First Class Honours	3.60 – 4.30
Second Class Honours	(2.40 – 3.59)
Division One	3.00 – 3.59
Division Two	2.40 – 2.99
Third Class Honours	1.70 – 2.39
Pass	1.00 – 1.69

(b) Honours classification may not be determined solely on the basis of a candidate's Graduation GPA and the Board of Examiners for the degree may, at its absolute discretion and with justification, award a higher class of honours to a candidate deemed to have demonstrated meritorious academic achievement but whose Graduation GPA falls below the range stipulated in ISCS 14(a) of the higher classification by not more than 0.1 Grade Point.

(c) A list of candidates who have successfully completed all degree requirements shall be posted on Faculty notice boards.

SYLLABUS FOR THE DEGREE OF BACHELOR OF ENGINEERING IN COMPUTER SCIENCE AWARDED IN CONJUNCTION WITH THE DEGREE OF BACHELOR OF BUSINESS ADMINISTRATION (INFORMATION SYSTEMS)

This syllabus applies to BBA(IS) graduates of the 4-year curriculum admitted to the BEng(CompSc) degree curriculum in the academic year 2017-18 and thereafter.

YEAR FIVE

To complete the curriculum, a candidate must pass all courses listed in the following table:

Course code	*Course title*	*Credits*
COMP3250	Design and analysis of algorithms	6
COMP3412	Internship	6
COMP4801	Final year project (Capstone course)	12
COMPxxxx	CS electives*	24
MATH1851	Calculus and ordinary differential equations	6
MATH1853	Linear algebra, probability and statistics	6

* Elective courses offered by the Department of Computer Science, excluding COMP3413 Research internship.

In addition, students must satisfy any other requirements stipulated in the University or the Faculty of Engineering regulations.

Course descriptions are available in the syllabus for the degree of Bachelor of Engineering in Computer Science.

The degree of Bachelor of Engineering in Computer Science shall be awarded in five divisions in accordance with ISCS14 of the Regulations for the Degree of Bachelor of Engineering in Computer Science Awarded in Conjunction with the Degree of Bachelor of Business Administration (Information Systems) and UG9 of the Regulations for the First Degree Curricula. The determination of degree classification shall be based on the best 240 credits of courses as listed below:

	Year 1 to 4	Year 5
UG 5 Requirements (42 credits)	• CAES1000 Core University English • CAES9920 Academic communication for Business and Economics • CBBA9002 Practical Chinese for BBA(IS) students • HKU Common Core Courses (the best 24 credits, and one from each of the four AoIs)	
General Engineering Courses (18 credits)	• COMP1117 Computer programming	• MATH1851 Calculus and ordinary differential equations • MATH1853 Linear algebra, probability and statistics

	Year 1 to 4	Year 5
Discipline Core Courses (60 credits)	• COMP2119 Introduction to data structures and algorithms • COMP2120 Computer organization • COMP2121 Discrete mathematics • COMP2123 Programming technologies and tools • COMP3297 Software engineering • COMP3278 Introduction to database management systems *or* IIMT3601 Database management • COMP3230 Principles of operation systems • COMP3234 Computer and communication networks *or* IIMT3604 Telecommunications management • COMP3311 Legal aspects of computing	• COMP3250 Design and analysis of algorithms
Capstone Experience and Internship (18 credits)		• COMP3412 Internship • COMP4801 Final year project
Disciplinary Elective Courses (48 credits)	• the best 24 credits of elective courses offered by the Department of Computer Science, except COMP3413 Research internship	• 24 credits of elective courses offered by the Department of Computer Science, except COMP3413 Research internship
Major in Information Systems – Core Courses (18 credits)	• STAT1602 Business statistics *or* STAT1603 Introductory statistics • IIMT3602 Information systems analysis and design • STRA4701 Strategic management	
Remaining courses with the best results (36 credits)	• the best 36 credits of remaining courses	