

City University of Hong Kong
Curriculum Information Record for Common Requirements

Department of Computer Science
For Students Admitted from Semester A 2022/23

Part I Gateway Education Requirement

(The catalogue term of the Gateway Education requirement that students will follow will be the same as their admission term.)

| Curriculum Catalogue Term | Semester A 2022/23 onwards | | |
|--|--|---|---|
| | Normative 4-year Degree | Advanced Standing I (Note 1) | Advanced Standing II (Senior-year Entry) (Note 2) |
| <u>University requirements</u> | | | |
| English | | | |
| • GE1401 University English | 3 credit units | 3 credit units | Not a compulsory requirement |
| • Discipline-specific English | 3 credit units | 3 credit units | 3 credit units |
| GE1501 Chinese Civilisation – History and Philosophy | 3 credit units | 3 credit units | Not a compulsory requirement |
| <u>Distributional requirements</u> Area 1: Arts and Humanities Area 2: Study of Societies, Social and Business Organisations Area 3: Science and Technology | 12 credit units <i>(At least one course from each of the three areas)</i> | 6 credit units <i>(From two different areas)</i> | 3 credit units |
| <u>College/School-specified courses</u> [^] | 9 credit units | 6 credit units | 6 credit units |
| Total | 30 credit units | 21 credit units | 12 credit units |

[^] **College/School-specified Courses for fulfilling the Gateway Education Requirement**

| Course Code | Course Title | Level | Credit Units | Remarks |
|--------------------------------|--|-------|--------------|---------|
| Normative 4-year Degree | | | | |
| MA1200/ MA1300 | Calculus and Basic Linear Algebra I/ Enhanced Calculus and Linear Algebra I | B1 | 3 | |
| MA1201/ MA1301 | Calculus and Basic Linear Algebra II/ Enhanced Calculus and Linear Algebra II | B1 | 3 | |
| JC2066 | IT Professionals: Ethical, Legal and Social Issues (a brand new course) | B2 | 3 | |

Note 1: For students with recognised Advanced Level Examination or equivalent qualifications.

Note 2: For Associate Degree/Higher Diploma graduates admitted to the senior year.

| Advanced Standing I and Advanced Standing II (Senior-year Entry) | | | | |
|---|---|----|---|--|
| CS2402 | Introduction to Computational Probability Modelling | B2 | 3 | |
| Choose any ONE from the following list: | | | | |
| GE2313 | Global IT Case Studies | B2 | 3 | |
| GE2324 | The Art and Science of Data | B2 | 3 | |
| GE2338 | Internet Applications and Security | B2 | 3 | |
| GE2340 | Artificial Intelligence – Past, Present, and Future | B2 | 3 | |
| CB2100 | Introduction to Financial Accounting | B2 | 3 | |
| CB2300 | Management | B2 | 3 | |
| CB2500 | Information Management | B2 | 3 | |
| CB2601 | Marketing | B2 | 3 | |

Part II College/School Requirement, if any

(The catalogue term of the College/School requirement that students will follow will be the same as their admission term.)

| Course Code | Course Title | Level | Credit Units | Remarks |
|---|--|-------|--------------|---------|
| Normative 4-year Degree (6 credit units) | | | | |
| CS1302 | Introduction to Computer Programming (moved from College-specified course) | B1 | 3 | |
| AND | | | | |
| Science | | | | |
| <i>Choose one from the following three subject areas:</i> | | | | |
| <i>Physics</i> | | | | |
| PHY1201 | General Physics I | B1 | 3 | |
| <i>Chemistry</i> | | | | |
| CHEM1300 | Principles of General Chemistry | B1 | 3 | |
| <i>Biology</i> | | | | |
| CHEM1200 | Discovery in Biology | B1 | 3 | |
| Advanced Standing I (0 credit unit) | | | | |
| College Requirement waived. | | | | |
| Advanced Standing II (Senior-year Entry) (0 credit unit) | | | | |
| College Requirement waived. | | | | |

Part III English Language Requirement

Normative 4-year degree students and Advanced Standing I students who passed the 6 credit units of specified GE English courses, and Advanced Standing II students who passed the 3 credit units of discipline-specific GE English course are recognized as fulfilling the University's English Language Requirement.

Students scoring below Level 4 in HKDSE English Language or Grade D in HKALE AS-level Use of English or students who do not possess an equivalent qualification are required to complete two 3-credit unit courses, LC0200A English for Academic Purposes 1 and LC0200B English for Academic Purposes 2, prior to taking the GE English courses. Students who demonstrate that they have achieved a grade B or above in their overall course results for LC0200A will achieve 3 credits and also be considered to have satisfied the pre-requisite for entry to the GE English courses without needing to take LC0200B. The credit units of LC0200A and LC0200B will not be counted towards the minimum credit units required for graduation and will not be included in the calculation of the cumulative grade point average (CGPA). However, they will be counted towards the maximum credit units permitted.

Part IV Chinese Language Requirement

Students scoring below Level 4 in HKDSE Chinese Language, or below Grade D in HKALE AS-level Chinese Language and Culture will be required to complete a 3-credit unit course CHIN1001 University Chinese I. The 3 credit units will not be counted towards the minimum credit units required for graduation and will not be included in the calculation of the cumulative grade point average (CGPA). However, they will be counted towards the maximum credit units permitted.

In addition to the above requirement, Colleges/Schools also have the discretion to specify other Chinese language courses for their students, including students who do not possess the above qualifications (Senate/70/MM27-28 refers). Please indicate if there are such requirements.

Part V Internship/Consultancy Project/Research Project Requirement

Normative 4-year degree students admitted in 2022/23 and thereafter are required to fulfil the internship/consultancy project/research project requirement in accordance with the requirements stipulated by the respective College/School. The curriculum-related internship courses should be credit-bearing with a minimum of 3 credit units and a minimum internship duration of no less than 4 weeks/160 hours. The consultancy project/research project courses should involve student work (inclusive of timetabled teaching hours) of no less than 160 hours. These courses may be included as part of the College/School requirement or the major requirement as stipulated by the respective College/School (Senate/121/AR9).