HONG KONG METROPOLITAN UNIVERSITY
(Formerly The Open University of Hong Kong)

Programme Requirements for Bachelor of Computing with Honours in Internet Technology (BCOMPHITJ)

To be eligible for the award of the **Bachelor of Computing with Honours in Internet Technology,** a student shall obtain the required number of credits specified for the Year of Entry, in courses prescribed and detailed in the course tables below.

For students admitted via Year 1 entry in or after 2021/22, via Year 2 entry in or after 2022/23 and via Year 3 entry in or after 2023/24, they must complete the four University Core Values Modules, namely Core Value I (Integrity), Core Value II (Fairness), Core Value III (Perseverance), and Core Value IV (Innovation) for graduation.

Year 1 Entry

A student admitted to the programme through Year 1 Entry is required to complete a total of 160 credits as prescribed below, of which no more than 40 credits should be taken at Foundation Level:

1. 80 credits of core courses in Tables 1, 2 and 3;
2. COMP S451F from Table 4 and 20 credits of elective courses from Table 5; or
   COMP S456F from Table 4 and 30 credits of elective courses from Table 5;
3. 10 credits of outside discipline courses from Table 6;
4. 10 credits of English Language Enhancement courses*; and
   * *Note: Please refer to the updated list of English Language Enhancement courses posted on the University website (www.hkmu.edu.hk/FT_ENGLISH).*
5. 20 credits of purpose-designed General Education courses #.
   # *Note: Please refer to the updated list of purpose-designed General Education courses posted on the University website (www.hkmu.edu.hk/FT_GE).*

Year 2 Entry

A student admitted to the programme through Year 2 Entry is required to complete a total of 125 credits as prescribed below:

1. 70 credits of core courses in Tables 2 and 3;
2. COMP S451F from Table 4 and 20 credits of elective courses from Table 5; or
   COMP S456F from Table 4 and 30 credits of elective courses from Table 5;
3. 5 credits of outside discipline courses from Table 6; and
4. 10 credits of English Language Enhancement courses*.

Note: Please refer to the updated list of English Language Enhancement courses posted on the University website (www.hkmu.edu.hk/FT_ENGLISH).

Year 3 Entry

A student admitted to the programme through Year 3 Entry is required to complete a total of 85 credits as prescribed below:

1. 40 credits of core courses in Table 3;
2. COMP S451F from Table 4 and 20 credits of elective courses from Table 5; or
    COMP S456F from Table 4 and 30 credits of elective courses from Table 5; and
3. 5 credits of English Language Enhancement courses *.
    * *Note: Please refer to the updated list of English Language Enhancement courses posted on the University website (www.hkmu.edu.hk/FT_ENGLISH).*

Table 1:   Core Courses (Foundation Level)

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
IT S102F	Computing Fundamentals	5	Foundation	-
IT S103F	Introduction to Internet Application Development	5	Foundation	-

Table 2:   Core Courses (Middle Level)

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
COMP S202F	Java Programming Fundamentals	5	Middle	b
COMP S203F	Intermediate Java Programming and User Interface Design	5	Middle	b
COMP S208F	Introduction to Computer Programming	5	Middle	b
COMP S209F	Data Structures, Algorithms and Problem Solving	5	Middle	b
COMP S264F [1]	Discrete Mathematics	5	Middle	b
COMP S265F [1]	Design and Analysis of Algorithms	5	Middle	b

Table 3:   Core Courses (Middle and Higher Level)

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
COMP S266F	Computer Architecture	5	Middle	b
COMP S267F	Operating Systems	5	Middle	b
COMP S312F [2]	Java Application Development	5	Higher	a or b
COMP S313F [2]	Mobile Application Programming	5	Higher	a or b
COMP S320F [3]	Database Management	5	Higher	a or b
COMP S321F [3]	Advanced Database and Data Warehousing	5	Higher	a or b

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
COMP S350F [4]	Software Engineering	5	Higher	a or b
COMP S351F [4]	Software Project Management	5	Higher	a or b

Table 4:   Project Courses

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
COMP S451F	Computing Project	20	Higher	a or b
COMP S456F	Software System Development Project	10	Higher	a or b

Table 5:   Elective Courses

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
COMP S333F	Advanced Programming and AI Algorithm	5	Higher	a or b
COMP S362F	Concurrent and Networks Programming	5	Higher	a or b
COMP S363F	Distributed Systems and Parallel Computing	5	Higher	a or b
COMP S380F	Web Applications: Design and Development	5	Higher	a or b
COMP S381F	Server-side Technologies and Cloud Computing	5	Higher	a or b
COMP S382F	Data Mining and Analytics	5	Higher	a or b
COMP S390F	Creative Programming for Games	5	Higher	a or b
COMP S412F	Digital Multimedia	5	Higher	a or b
COMP S413F	Application Design and Development on Mobile Devices	5	Higher	a or b
COMP S492F	Machine Learning	5	Higher	a or b
ELEC S305F	Computer Networking	5	Higher	a or b
ELEC S363F	Advanced Computer Design	5	Higher	a or b
ELEC S425F	Computer and Network Security	5	Higher	a or b

Table 6:   Outside Discipline Courses

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
ELEC S201F	Basic Electronics	5	Middle	b
ELEC S421F	Biomedical Informatics	5	Higher	a or b
IT S280F	Web Usability, Internationalization and Social Issues	5	Middle	b
IT S290F	Human Computer Interaction and User Experience Design	5	Middle	b
MATH S201F	Finite Mathematics for Business	5	Middle	b

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
STAT S251F	Statistical Data Analysis	5	Middle	b
STAT S330F	Quantitative Research Methods	5	Higher	a or b

Note:

1. *COMP S263F has been split into COMP S264F and COMP S265F. If students have successfully completed COMP S263F, they are deemed to have satisfied the requirements of COMP S264F and COMP S265F.*
2. *COMP S311F has been split into COMP S312F and COMP S313F. If students have successfully completed COMP S311F, they are deemed to have satisfied the requirements of COMP S312F and COMP S313F.*
3. *COMP S358F has been split into COMP S320F and COMP S321F. If students have successfully completed COMP S358F, they are deemed to have satisfied the requirements of COMP S320F and COMP S321F.*
4. *COMP S356F has been split into COMP S350F and COMP S351F. If students have successfully completed COMP S356F, they are deemed to have satisfied the requirements of COMP S350F and COMP S351F.*
5. *If students wish to retake counterpart course(s) in e-learning mode, they should seek Programme Leader's approval, with due consideration of factors such as clash of timetabling and availability of distance learning counterparts, etc.*

Honours Classification

For the purpose of honours classification of the **Bachelor of Computing with Honours in Internet Technology** programme, relevant courses are categorized as Group (a) and Group (b) as shown in all tables above. The weighted grade point average (WGPA) will be calculated as follows:

Group (a) shall consist of 20 credits from COMP S312F, COMP S313F, COMP S320F, COMP S321F, COMP S350F or COMP S351F, plus the best 20 credits from the remaining Higher level courses listed in the tables.

Group (b) shall consist of the best 40 credits in courses at Middle or Higher level listed in the tables, where such credits are not taken into account in Group (a).

Group (a) shall be weighted at twice the value of Group (b).

Last update: August 2022