

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

Programme Requirements for Bachelor of Science with Honours in Food Testing Science (BSCHFTSJ)

To be eligible for the award of the **Bachelor of Science with Honours in Food Testing Science**, a student shall obtain the required number of credits specified below for the Year of entry, in courses prescribed and detailed on the programme tables.

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. 130 credits of core courses in Tables 1, 2, 3, 4, 5 and 6;
2. 10 credits of English Language Enhancement courses*; and
** Note: Please consult the Programme Leader for the selection of English Language Enhancement courses posted on the University website (www.hkmu.edu.hk/FT_ENGLISH).*
3. 20 credits of purpose-designed General Education courses[#] (with 5 credits at Middle Level).
[#]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 120 credits of core courses in Tables 2, 4, 5 and 6.

Year 3 Entry

A student admitted to the programme through Year 3 Entry is required to complete a total of 80 credits of core courses in Table 6.

Table 1: Core Course (Foundation Level)

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
SCI S110F	Laboratory Safety and Good Laboratory Practice	5	Foundation	-

Table 2: Core Courses (Foundation Level)

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
BIOL S103F	Essential Biology	5	Foundation	-
CHEM S102F	Essential Chemistry	5	Foundation	-

Table 3: Mathematics Course

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
STAT S151F	Probability and Distribution	5	Foundation	-

Table 4: Mathematics Course

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
STAT S251F	Statistical Data Analysis	5	Middle	b

Table 5: Core Courses (Middle Level)

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
BIOL S235F	Biochemistry and Microbiology	5	Middle	b
BIOL S236F	Cellular and Molecular Biology	5	Middle	b
CHEM S201F	Nutrition and Food Chemistry	5	Middle	b
CHEM S234F	Physical and Organic Chemistry	5	Middle	b
SCI S291F	Laboratory Techniques in Practice	5	Middle	b

Table 6: Core Courses (Higher Level)

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
BIOL S351F	Microbiology and Toxicology	5	Higher	b
BIOL S356F	Biochemical and DNA Technologies	5	Higher	b
CHEM S350F	Analytical Chemistry	5	Higher	b
SCI S364F	Emerging Technologies in Food Analysis	5	Higher	b
SCI S365F	Food Analysis	5	Higher	b
SCI S390F	Profession Training and Workplace Attachment	5	Higher	-
SCI S410F	Science Research Project	10	Higher	a
SCI S463F	Selected Topics in Food Safety	5	Higher	a
TC S311F	Conformity Assessment & Laboratory Accreditation	5	Higher	a
TC S312F	Management Systems for Inspection & Certification Bodies	5	Higher	a
TC S319F	Quality Management for Science and Technology	5	Higher	b
TC S320F	Measurement Uncertainty & Test Method Development	5	Higher	b
TC S380F	Principles of Good Manufacturing Practice	5	Higher	a
TC S420F	Professional Practice and Ethics	5	Higher	a
TC S462F	Food Safety Management System: Audit & Certification	5	Higher	a

Note:

1. 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 Science with Honours in Food Testing Science** programme, relevant courses are categorized as Group (a) and Group (b) as shown in Tables 4, 5 and 6 above.

- (1) Group (a) courses shall consist of SCI S410F (10 credits) and the best 30 credits from the remaining Higher Level courses listed in Table 6.

- (2) Group (b) courses:
 - (i) For Year 1 and Year 2 Entry, Group (b) courses shall consist of the best 40 credits in courses at the Middle or Higher Level listed in Tables 4, 5 and 6, where such credits are not taken into account for calculation in Group (a) courses.
 - (ii) For Year 3 Entry, Group (b) courses shall consist of the best 35 credits in courses at the Higher Level listed in Table 6, where such credits are not taken into account for calculation in Group (a) courses.
- (3) Group (a) shall be weighted at twice the value of Group (b).

Last update: August 2022