

Programme Requirements for Bachelor of Science with Honours in Food Testing Science

This 3-credit-unit system programme requirements document is applicable to the following student cohorts:

<i>Year of Entry</i>	<i>Admission cohort</i>
<i>Year 1</i>	<i>2023/24 and thereafter</i>
<i>Year 2</i>	<i>2024/25 and thereafter</i>
<i>Year 3</i>	<i>2025/26 and thereafter</i>

1. Programme Requirement – Year 1 Entry

1.1 To be eligible for the award of the degree of Bachelor of Science with Honours in Food Testing Science through Year 1 Entry, a student shall:

1.1.1 obtain 120 credit-units as prescribed below, of which no more than 30 credit-units shall be at 1000-level, at least 24 credit-units shall be at 3000-level and at least 24 credit-units shall be at 4000-level:

1.1.1.1 99 credit-units of core courses applicable to Year 1 entry as listed in Table 1;

1.1.1.2 9 credit-units of University Core courses from Table 2;

1.1.1.3 6 credit-units of University English courses from Table 3;

1.1.1.4 6 credit-units of General Education (GE) courses (see www.hkmu.edu.hk/FT_GE for the updated list of GE courses)

and

1.1.2 attain the CGPA for graduation as prescribed in the Regulations for the award of undergraduate degrees.

2. Programme Requirement – Year 2 Entry

2.1 To be eligible for the award of the degree of Bachelor of Science with Honours in Food Testing Science through Year 2 Entry, a student shall:

2.1.1 obtain 90 credit-units as prescribed below, of which at least 24 credit-units shall be at 3000-level and at least 24 credit-units shall be at 4000-level:

2.1.1.1 81 credit-units of core courses applicable to Year 2 entry as listed in Table 1;

2.1.1.2 9 credit-units of University Core courses from Table 2

and

2.1.2 attain the CGPA for graduation as prescribed in the Regulations for the award of undergraduate degrees.

3. Programme Requirement – Year 3 Entry

3.1 To be eligible for the award of the degree of Bachelor of Science with Honours in Food Testing Science through Year 3 Entry, a student shall:

3.1.1 obtain 66 credit-units as prescribed below, of which at least 24 credit-units shall be at 3000-level and at least 24 credit-units shall be at 4000-level:

3.1.1.1 57 credit-units of core courses applicable to Year 3 entry as listed in Table 1;

3.1.1.2 9 credit-units of University Core courses from Table 4

and

3.1.2 attain the CGPA for graduation as prescribed in the Regulations for the award of undergraduate degrees.

Table 1: Core Courses

Course Code	Course Title	Credit-units	Year Entry		
			1	2	3
BIOL 1003SEF	Essential Biology	3	✓		
BIOL 2035SEF	Biochemistry & Microbiology	3	✓	✓	
BIOL 2036SEF	Cellular & Molecular Biology	3	✓	✓	
BIOL 3056SEF	Biochemical & DNA Technologies	3	✓	✓	✓
CHEM 1002SEF	Essential Chemistry	3	✓		
CHEM 2001SEF	Food & Nutrient Chemistry	3	✓	✓	
CHEM 3050SEF	Analytical Chemistry	3	✓	✓	
SCI 1010SEF	Laboratory Safety & Good Laboratory Practice	3	✓		
SCI 1100SEF	General Chemistry Laboratory Training	3	✓		
SCI 1101SEF	General Biology Laboratory Training	3	✓		
SCI 2006SEF	Pharmacology & Toxicology	3	✓	✓	
SCI 2100SEF	Microbiology Laboratory Training I	3	✓	✓	
SCI 2101SEF	Chemical Analysis Laboratory Training I	3	✓	✓	
SCI 2102SEF	DNA & Biochemical Analysis Laboratory Training I	3	✓	✓	
SCI 3030SEF	Scientific Research Methods	3	✓	✓	✓
SCI 3065SEF	Food Analysis	3	✓	✓	✓
SCI 3090SEF	Professional Training & Workplace Attachment	3	✓	✓	✓
SCI 3100SEF	Microbiology Laboratory Training II	3	✓	✓	✓
SCI 3101SEF	Chemical Analysis Laboratory Training II	3	✓	✓	✓

Course Code	Course Title	Credit-units	Year Entry		
			1	2	3
SCI 3102SEF	DNA & Biochemical Analysis Laboratory Training II	3	✓	✓	✓
SCI 4010SEF	Science Research Project	6	✓	✓	✓
SCI 4063SEF	Selected Topics in Food Safety	3	✓	✓	✓
SCI 4064SEF	Emerging Technologies in Food Analysis	3	✓	✓	✓
STAT 2610SEF	Data Analytics with Applications	3	✓		
TC 3015SEF	Management Systems for Testing, Inspection & Certification Bodies	6	✓	✓	✓
TC 3020SEF	Measurement Uncertainty & Test Method Development	3	✓	✓	✓
TC 3080SEF	Principles of Good Manufacturing Practice	3	✓	✓	✓
TC 4019SEF	Quality Management for Science & Technology	3	✓	✓	✓
TC 4020SEF	Professional Practice & Ethics	3	✓	✓	✓
TC 4026SEF	Audit, Inspection & Certification	3	✓	✓	✓
TC 4062SEF	Food Safety Management System: Audit & Certification	3	✓	✓	✓

Table 2: University Core courses

Course Code	Course Title	Credit-units
UNI 1002ABW	University Core Values	2
UNI 1012ABW	Social Responsibilities	1
UNI 2002BEW	Effective Communication and Teamwork	3
UNI 3002BEW	Entrepreneurial Mindset and Leadership for Sustainability	3

Table 3: University English Courses

Course Code	Course Title	Credit-units
ENGL 1101AEF	University English: Reading and Writing	3
ENGL 1202EEF	University English: Listening and Speaking	3

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