

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

Programme Requirements for Bachelor of Science with Honours in Life Sciences
(BSCHLSJ)

To be eligible for the award of the **Bachelor of Science with Honours in Life Sciences**, 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 **in the 2020/21 academic year or thereafter**, please refer to Page 1 to 4.

For students admitted **in the 2019/20 academic year**, please refer to Page 5 to 6.

For students admitted in the 2020/21 academic year or thereafter

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 refer to the updated list 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 are required to complete a total of 120 credits of core courses in Table 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 Courses (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

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
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 S301F	Conservation and Biodiversity	5	Higher	b
BIOL S302F	Animal and Plant Physiology	5	Higher	a
BIOL S312F	Human Physiology	5	Higher	a
BIOL S337F	Practical Skills in Ecology	5	Higher	b
BIOL S351F	Microbiology and Toxicology	5	Higher	a
BIOL S356F	Biochemical and DNA Technologies	5	Higher	a
BIOL S401F	Contemporary Biology Development	5	Higher	b
BIOL S402F	Medical Genetics and Immunology	5	Higher	a
BIOL S406F	Tools and Techniques in Biotechnology	5	Higher	a
CHEM S350F	Analytical Chemistry	5	Higher	b
SCI S330F	Scientific Research Methods	5	Higher	b
SCI S365F	Food Analysis	5	Higher	b
SCI S390F	Professional Training and Workplace Attachment	5	Higher	-
SCI S404F	Advanced Topics in Food and Health Sciences	5	Higher	b
SCI S410F	Science Research Project	10	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 Life Sciences** 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 40 credits in courses at Higher Level 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 Middle or Higher Level listed in Tables 4, 5 and 6.
 - (ii) For Year 3 Entry, Group (b) courses shall consist of 35 credits in courses at Higher Level listed in Table 6.
- (3) The weights for the calculation of WGPA for Group (a) and Group (b) courses are 1.5 and 1 respectively.

For students admitted in the 2019/20 academic year only (BSCHLSF3)

Year 3 Entry

A student admitted to the programme through Year 3 Entry needs to complete a total of 85 credits of core courses in Table 7.

1. 80 credits of core courses in Table 7; and
2. 5 credits of English Language Enhancement courses*.

** 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).*

Table 7:

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
BIOL S301F	Conservation and Biodiversity	5	Higher	a or b
BIOL S302F	Animal and Plant Physiology	5	Higher	a or b
BIOL S312F	Human Physiology	5	Higher	a or b
BIOL S338F	Theory and Practical Skills in Ecology	10	Higher	a or b
BIOL S351F	Microbiology and Toxicology	5	Higher	a or b
BIOL S356F	Biochemical and DNA Technologies	5	Higher	a or b
BIOL S401F	Contemporary Biology Development	5	Higher	a or b
BIOL S402F	Medical Genetics and Immunology	5	Higher	a or b
BIOL S406F	Tools and Techniques in Biotechnology	5	Higher	a or b
CHEM S350F	Analytical Chemistry	5	Higher	a or b
SCI S365F	Food Analysis	5	Higher	a or b
SCI S390F	Professional Training and Workplace Attachment	5	Higher	-
SCI S404F	Advanced Topics in Food and Health Sciences	5	Higher	a or b
SCI S410F	Science Research Project	10	Higher	a or b

Note:

2. 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 Life Sciences** programme, relevant courses are categorized as Group (a) and Group (b) as shown in Table 7 above.

- (1) Group (a) courses shall consist of the best 40 credits in courses at Higher Level listed from Table 7.
- (2) Group (b) courses shall consist of the best 35 credits in courses at Middle or Higher Level listed from Table 7, 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