

Food and Nutritional Sciences
Applicable to students admitted in 2021-22

Major Programme Requirement

Students are required to complete a minimum of 59[a] units of courses as follows:

	Units
1. Faculty Package: Group A: LSCI1002 Group B: CHEM1280 (preferred) or 1070 A course from the following Group C: MATH1520 (preferred) or 1010 or 1018 Group D: (PHYS1001 or 1002) (preferred) or 1111 Group E: STAT1012 (preferred) or 1011	9
2. Required Courses: BCHE2030#, BIOL2120#, 2410#, FNESC2001, 2002, 3001, 3002, 3010, 3030, 3110, 3180, LSCI2002#	30
3. Elective Courses: 20 units of courses from the following lists:	20
(a) Capstone courses: one of the five options (i) FNESC4901 and 4902 and 4903 (ii) FNESC4902 and 4903 (iii) FNESC4906 and/or LSCI4000# (iv) LSCI4911# and 4912# and 4913# (v) LSCI4912# and 4913#	
(b) BCHE4060#, 4130#, 4760#, BIOL3410#, FNESC3520#, 3820#, FNESC2005, 4001, 4002, 4101, 4102, 4110, 4120, 4150, 4160, 4170, 5430, LSCI1012, 2003, MBTE4320#, 4530#, STAT3210#	
Total:	59[a]

Students admitted to the Food and Nutritional Sciences through the broad-based admission scheme may apply to specialize in the Nutritionist Stream by the end of second term in their second year of attendance. Students applying to specialize in this stream must have obtained (1) a GPA of 3.3 or above; (2) an overall result of at least 6.5 in IELTS with no less than 6.0 in each component; (3) at least a C in FNESC2005; and (4) recommendation from the selection panel. The minimum unit requirement for the Nutritionist Stream is 66.

Nutritionist Stream

Students are required to complete a minimum of 66 units of courses as follows:

	Units
1. Faculty Package: Group A: LSCI1002 Group B: CHEM1280 (preferred) or 1070 A course from the following Group C: MATH1520 (preferred) or 1010 Group D: (PHYS1001 or 1002) (preferred) or 1111 Group E: STAT1012 (preferred) or 1011	9
2. Required Courses:	53

BCHE2030#, BIOL2120#, 2410#, FNSC2001, 2002, 2005, 3001, 3002, 3010, 3030, 3110, 4001, 4002, 4101, 4102, 4110, 4120, 4150, 4160, 4170, LSCI2002#

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| 3. | Capstone Courses:
FNSC4906, 4907 | 4 |
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Total: 66

In addition to fulfilling the above Major Programme Requirement, students meeting the criteria as specified by the Faculty can take the following stream offered by the Faculty:

Science, Technology And Research Stream

Students are required to complete a minimum of 12 units of courses as follows:

		Units
1.	Required Courses:	
(a)	One Faculty Package Course: Choose from the two remaining groups of the Faculty Package that have not been used to fulfill the Faculty Package Requirement	3
(b)	Research Courses: STAR2000, 3000, 4000[b]	6
(c)	Seminar Courses: STAR2050, 3050, 4050	3
2.	Experiential Learning: At least 4 consecutive weeks of outside Hong Kong exposure[c]	---
	Total:	<u>12</u>

Explanatory Notes:

1. FNSC courses at 2000 and above level as well as those labeled as # will be included in the calculation of Major GPA for honours classification.
- [a] Study Option: Berkeley Biosciences Study Abroad Programme
Students who undergo one term of studies at the University of California, Berkeley, USA will take courses offered by the Berkeley Biosciences Study Abroad Programme. Units obtained from the Programme will be recognized as up to 12 units of Major Programme requirement. This option will be recorded on the transcript.
- [b] Students may select research-oriented course(s), as approved by the Major Programme, to substitute up to 4 units for the fulfillment of Research Courses requirement.
- [c] Students must complete any exchange/research/internship programme(s) offered by the University, Colleges, the Faculty of Science or Major Programme, as approved by the Major Programme, to fulfill the Experiential Learning requirement. Students are responsible for the extra costs incurred in the exchange/research/internship programme(s).

Food and Nutritional Sciences		
	Recommended Course Pattern	Units
First Year of Attendance	1 st term Faculty Package: LSCI1002, CHEM1280 (preferred) or 1070 Major Required:	6

	Major Elective(s):	
	2 nd term Faculty Package: A course from MATH1520 (preferred) or 1010 or 1018; (PHYS1001 or 1002) (preferred) or 1111; STAT1012 (preferred) or 1011 Major Required: Major Elective(s): 0 course or LSCI1012	3 0-2
Second Year of Attendance	1 st term Major Required: BCHE2030, BIOL2120, FNESC2001, LSCI2002 Major Elective(s): 0 to 1 course from 3(b)	10 0-3
	2 nd term Major Required: BIOL2410, FNESC2002, 3180 Major Elective(s): 1 to 2 course(s) from 3(b)	7 3-6
	1 st term Major Required: FNESC3001, 3030, 3110 Major Elective(s): 1 to 2 course(s) from 3(b)	8 3-6
	2 nd term Major Required: FNESC3002, 3010 Major Elective(s): 1 to 2 course(s) from 3(b)	5 3-6
Third Year of Attendance	Summer session Major Elective(s): 0 course or FNESC4901	0-2
	1 st term Major Required: Major Elective(s): (a) 0 to 1 course from 3(a) (b) 1 to 2 course(s) from 3(b)	0-2 3-6
	2 nd term Major Required: Major Elective(s): (a) 0 to 1 course from 3(a) (b) 2 courses from 3(b)	0-2 6
Total (including Faculty Package):		59

Food and Nutritional Sciences (Nutritionist Stream)		
	Recommended Course Pattern	Units
First Year of Attendance	1 st term Faculty Package: LSCI1002, CHEM1280 (preferred) or 1070 Major Required: Major Elective(s):	6
	2 nd term Faculty Package: A course from MATH1520 (preferred) or 1010; (PHYS1001 or 1002) (preferred) or 1111; STAT1012 (preferred) or 1011 Major Required: Major Elective(s):	3
	1 st term Major Required: BCHE2030, BIOL2120, FNESC2001, LSCI2002	10
	2 nd term Major Required: BIOL2410, FNESC2002, 2005	5
Third Year of Attendance	1 st term Major Required: FNESC3001, 3030, 3110, 4120	11
	2 nd term	

	Major Required: FNESC3002, 3010, 4160	8
Fourth Year of Attendance	1 st term	
	Major Required: FNESC4002, 4101, 4110, 4150	11
	Capstone: FNESC4906	2
	2 nd term	
	Major Required: FNESC4001, 4102, 4170	8
	Capstone: FNESC4907	2
Total (including Faculty Package):		66

Food and Nutritional Sciences — Sciences, Technology And Research Stream (STARS)		
	Recommended Course Pattern	Units
First Year of Attendance	1 st term	
	Faculty Package: 2 courses	6
	Major Required:	
	Major Elective(s):	
	2 nd term	
	Faculty Package: 2 courses	6
	Major Required:	
	Major Elective(s):	
Second Year of Attendance	STARS: STAR2050	0-1
	Summer session	
	STARS: STAR2050 (if not taken)	0-1
	1 st term	
	Major Required: BCHE2030, BIOL2120, FNESC2001, LSCI2002	10
	Major Elective(s): 0 to 1 course from 3(b)	0-3
	STARS: STAR2000 or 3050	1
	2 nd term	
	Major Required: BIOL2410, FNESC2002, 3180	7
	Major Elective(s): 1 to 2 course(s) from 3(b)	3-6
	STARS: STAR2000 (if not taken) or 3050 (if not taken)	1
Third Year of Attendance	1 st term	
	Major Required: FNESC3001, 3030, 3110	8
	Major Elective(s): 1 to 2 course(s) from 3(b)	3-6
	STARS: STAR3000 or 4050	1-2
	2 nd term	
	Major Required: FNESC3002, 3010	5
	Major Elective(s): 1 to 2 course(s) from 3(b)	3-6
	STARS: STAR3000 (if not taken) or 4050 (if not taken)	1-2
	Summer session	
	Major Elective(s): 0 course or FNESC4901	0-2
Fourth Year of Attendance	1 st term	
	Major Required:	
	Major Elective(s): (a) FNESC4902 [@]	2
	(b) 1 to 2 course(s) from 3(b)	3-6
	2 nd term	
	Major Required:	
	Major Elective(s): (a) FNESC4903 [@]	2
	(b) 2 courses from 3(b)	6
Total (including Faculty Package):		68

[@] Students may take FNESC4902 and 4903 as a substitute for STAR4000.

Course List

<i>Course Code</i>	<i>Course Title</i>	<i>Unit(s)</i>
FNSC2001	Introduction to Food Science and Technology	2
FNSC2002	Nutrition for Health	2
FNSC2005	Ethics and Professionalism for Nutritionists	1
FNSC3001	Food Science Laboratory I	2
FNSC3002	Nutritional Science Laboratory I	2
FNSC3010	Nutrition and Human Development	3
FNSC3030	Nutritional Biochemistry	3
FNSC3110	Food Chemistry and Analysis	3
FNSC3180	Food Microbiology	3
FNSC4001	Food Science Laboratory II	2
FNSC4002	Nutritional Science Laboratory II	2
FNSC4101	Human Physiology for Nutrition Studies I	3
FNSC4102	Human Physiology for Nutrition Studies II	3
FNSC4110	Food Technology	3
FNSC4120	Community Nutrition	3
FNSC4150	Introduction to Medical Nutrition Therapy	3
FNSC4160	Nutrition Planning and Food Policy	3
FNSC4170	Food Product Development and Quality Control	3
FNSC4901	Senior Experimental Project I	2
FNSC4902	Senior Experimental Project II	2
FNSC4903	Senior Experimental Project III	2
FNSC4906	Internship	2
FNSC4907	Nutrition Practicum	2
FNSC5430	Food Toxicology and Safety	3
STAR2000	Undergraduate Research in Science I	1
STAR2050	Seminar I	1
STAR3000	Undergraduate Research in Science II	2
STAR3050	Seminar II	1
STAR4000	Undergraduate Research in Science III	3
STAR4050	Seminar III	1