

Four-Year Study Plan of Food Science and Technology Programme (2020 cohort)

Rev 20230911

Rev 2023/09/11

Course Code	Course Title	Year One			Year Two		Year Three		Year Four	
		Sem 1	Sem 2	Summer/ Winter	Sem 1	Sem 2	Sem 1	Sem 2	Sem 1	Sem 2
I. Major Required Courses (48 Units)										
BIOL2003	General Biology	3								
CHEM2003	General Chemistry		3							
FOOD2003	Introduction to Food Science		3							
BIOL2013	General Biology and Chemistry Laboratory				3					
BIOL2063	Biochemistry				3					
BIOL2033	Food Microbiology					3				
FOOD2013	Food Chemistry					3				
FOOD3013	Nutrition					3				
CHEM2033	Analytical Chemistry						3			
FOOD3003	Food Analysis						3			
FOOD3033	Chemical and Food Analysis Laboratory						3			
FOOD3023	Food Toxicology							3		
FOOD3053	Food Materials Science							3		
FOOD3063	Food Process Engineering							3		
FOOD3073	Food Science Laboratory							3		
FOOD4004	Final Year Project I (FOOD)								3	
II. Major Elective Courses (12 Units)										
ME01 ME02 ME03 ME04							3	3	3	3 ^⓪
III. General Education Core Courses (32 Units)										
CHI1053	University Chinese (Morality and Foundations of Law)	3								
CHI1063	Chinese Culture and Modern China					3				
CHI1073	Contemporary Chinese Society and Thoughts (Theories)		3							
CHI1083	Contemporary Chinese Society and Thoughts (Social Practice)		0							
CHI1093	Contemporary World and China ^⓪					0				
GCLA1903	English I	3								
GCLA1913	English II		3							
GCLA1923	English III				3					
GCLA1933	English IV					3				
GCIT1XX3	Information Management Technology ^⓪	3								
GCNU1XX3	Numeracy ^⓪		3							
GCPE1XX3	Physical Education ^⓪	1	1							
GCV1013	Applied Ethics in Science and Technology				3					
IV. General Education Distribution Courses (12 Units)										
GDBM1XX3	Foundation Course in Business and Management ^⓪		3							
GDHS1XX3	Foundation Course in Humanities and Social Sciences ^⓪					3				
GDFL1XX3	Foundation Course in Foreign Language ^⓪	3								
GDHC1XX3	Foundation Course in World History and Civilisation ^⓪				3					
V. Whole Person Education Experiential Learning Modules (4 Units)										
WPEX Module I	WPEX1003 Experiential Development	1								
WPEX Module II	WPEX1013 Emotional Intelligence		1							
WPEX Module III	WPEX2003 Sports Culture ^⓪ , or WPEX2013 Experiential Arts ^⓪				1					
WPEX Module IV	WPEX2023 Voluntary Service ^⓪ , or WPEX2033 Environmental Awareness ^⓪					1				
VI. Free Elective Courses (24 Units)										
FE01 FE02 FE03 FE04 FE05 FE06 FE07 FE08				3 ^⓪	3		6 ^⓪	3	9	
Total Units: 132		17	20	3	19	19	18	18	15	3

⓪ This denotes a course category in which a list of courses may be developed for students' selection. Students are expected to refer to the Online Course Selection System for courses available under each category.

⓪ This course will take the form of lecture series. Students are required to attend and submit notes for at least 10 lectures within their first two years of study.

⓪ CHI1103 Introduction to Modern Social Theories will be offered under this category.

⓪ Students should take one FE(ENG) course under this category.

⓪ Students who would like to continue with the final year project in the second semester of Year 4 should register FOOD4005 Final Year Project II (FOOD) as a major elective during the Online Course Selection (or Course Add/Drop) period.

ME Course List of FS (2020 cohort)

Rev 20230426

Course Code	Course Title	Units
ME Courses on Science and Technology		
BIOL2073	Physiology	3
BIOL3043	Molecular Biology	3
CHEM2043	Physical Chemistry	3
ENGI2003	Mechanical Engineering and Practice	3
ENGI2013	Engineering Drawing and AutoCAD Practice	3
FOOD3043	Life Cycle Nutrition	3
FOOD3083	Research Methods in Food Science	3
FOOD4003	Food Safety and Quality Management System	3
FOOD4005	Final Year Project II (FOOD)	3
FOOD4013	Meat and Dairy Science	3
FOOD4023	Functional Foods	3
FOOD4033	Grain and Cereal Science	3
FOOD4043	Food Biotechnology	3
FOOD4053	Food Waste Management	3
FOOD4063	Food Product Development	3
FOOD4073	Fruit and Vegetable Science	3
FOOD4083	Introduction to Human Pathophysiology and Pharmacology	3
FOOD4093	Nutrition and Disease Prevention	3
FOOD4103	Nutrition in Medical Therapy	3
FOOD4113	Food Microbiology and Food Safety Laboratory	3
FOOD4123	Food Packaging	3
FOOD4133	Wine and Cheese Science	3
FOOD4143	Nutrition in Practice	3
ME Courses on Business and Management		
ACCT2003/ACCT2043	Principles of Accounting I*	3
ACCT2013/ACCT2053	Principles of Accounting II*	3
BUS2013/BUS2053	Principles of Law*	3
ECON2003	Principles of Macroeconomics	3
ECON2013	Principles of Microeconomics	3
ECON3053	Foundations of Chinese Economy	3
FIN2003/FIN2023	Financial Management*	3
MHR3003	Human Resource Management	3
MKT2003	Principles of Marketing Management	3
MKT4023	Marketing Management in China	3

* These courses have been recoded with effective from Semester 2 of AY2022/23:

ACCT2003 revised as ACCT2043; ACCT2013 revised as ACCT2053; BUS2013 revised as BUS2053; FIN2003 revised as FIN2023.