



Year 1		Year 2		Year 3		Year 4	
Term 1	CHEM1811 Engineering Chemistry 1A	Term 1	CHEM2921 Food Chemistry	Term 1	FOOD3010 Food Products & Ingredients Tech	Term 1	CEIC4007 Product Design Project Thesis A
	MATH1131 Mathematics 1A <u>OR</u> MATH1141 Higher Mathematics 1A <u>OR</u> MATH1031 Mathematics for Life Sciences		MICR2011 Microbiology 1		FOOD3020 Food Properties & Functions Lab		CEIC6711 Complex Fluids Microstructure & Rheology
	PHYS1121 Physics 1A <u>OR</u> PHYS1131 Higher Physics 1A <u>OR</u> PHYS1111 Fundamentals of Physics		CHEM2041 Analytical Chemistry		FOOD3220 Nutrition		PHCM3001 <u>OR</u> * Environment & Sustainability/ Ethics in Public Health
Term 2	CHEM1821 Engineering Chemistry 1B	Term 2	BIOC2101 <u>OR</u> * Principles of Biochemistry (Advanced)	Term 2	FOOD3030 Food Safety & Quality Assurance	Term 2	FOOD3801 Unit Operations in Food Processing
	FOOD1120 Introduction to Food Science		Discipline Elective		FOOD3060 Food Processing Principles		CEIC4008 Product Design Project Thesis B
	MATH1231 Mathematics 1B <u>OR</u> MATH1241 Higher Mathematics 1B <u>OR</u> MATH1041 Statistics for Life and Social Sciences		General Education				CEIC6789 Data-driven Decision Making
Term 3	FOOD1130 Sustainable Food Product Manufacturing	Term 3	BIOC2201 Principles of Molecular Biology	Term 3	General Education	Term 3	* CEIC4000 Environment and Sustainability
	ENGG1811 Computing for Engineers		FOOD2320 Food Microbiology		Discipline Elective		FOOD4110 Advanced Food Chemistry
	BABS1201 Molecules, Cells and Genes		* BIOC2181 Fundamentals of Biochemistry				Discipline Elective

NOTES

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear her. Please consult the handbook for term offerings and pre-requisite information before deviating from the recommended sequence.

Food Science (Honours) (3061)

Food Science and Technology (FOODJH)

T2 Entry 2024 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 2	FOOD1120 Introduction to Food Science	Term 2	CHEM1821 Engineering Chemistry 1B	Term 2	BIOC2101 OR * Principles of Biochemistry (Advanced)	Term 2	FOOD3030 Food Safety & Quality Assurance
	PHYS1121 Physics 1A <u>OR</u> PHYS1131 Higher Physics 1A <u>OR</u> PHYS1111 Fundamentals of Physics		General Education		FOOD3060 Food Processing Principles		FOOD3801 Unit Operations in Food Processing
	MATH1131 Mathematics 1A <u>OR</u> MATH1141 Higher Mathematics 1A <u>OR</u> MATH1031 Mathematics for Life Sciences				CEIC6789 Data-driven Decision Making		CEIC4008 Product Design Project Thesis B
Term 3	BABS1201 Molecules, Cells and Genes	Term 3	BIOC2201 Principles of Molecular Biology	Term 3	FOOD4110 Advanced Food Chemistry	Term 3	* CEIC4000 OR Environment and Sustainability
	ENGG1811 Computing for Engineers		CHEM2041 Analytical Chemistry		Discipline Elective		General Education
	FOOD1130 Sustainable Food Product Manufacturing		FOOD2320 Food Microbiology				Discipline Elective
Term 1	CHEM1811 Engineering Chemistry 1A	Term 1	CHEM2921 Food Chemistry	Term 1	FOOD3010 Food Products & Ingredients Tech	Term 1	CEIC6711 Complex Fluids Microstructure & Rheology
	MATH1231 Mathematics 1B <u>OR</u> MATH1241 Higher Mathematics 1B <u>OR</u> MATH1041 Statistics for Life and Social Sciences		MICR2011 Microbiology 1		FOOD3020 Food Properties & Functions Lab		FOOD3220 Nutrition
					CEIC4007 Product Design Project Thesis A		PHCM3001 OR * Environment & Sustainability/ Ethics in Public Health

NOTES

* Students can also choose to study **BIOC2181 (Fundamentals of Biochemistry)**, however it may not fit within their study plan.

This is intended as a guide only, however due to limited term offerings it is recommended that courses are studied in the above sequence. Please consult the handbook for term offerings and pre-requisite information before deviating from the above.

Food Science (Honours) (3061)

Food Science and Technology (FOODJH)

T3 Entry 2024 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 3	FOOD1130 Sustainable Food Product Manufacturing	Term 3	BIOC2201 Principles of Molecular Biology	Term 3	General Education	Term 3	FOOD4110 Advanced Food Chemistry
	MATH1131 Mathematics 1A <u>OR</u> MATH1141 Higher Mathematics 1A <u>OR</u> MATH1031 Mathematics for Life Sciences		CHEM2041 Analytical Chemistry		* BIOC2181 Fundamentals of Biochemistry		CEIC4000 <u>OR</u> * Environment and Sustainability
	PHYS1121 Physics 1A <u>OR</u> PHYS1131 Higher Physics 1A <u>OR</u> PHYS1111 Fundamentals of Physics		FOOD2320 Food Microbiology				Discipline Elective
Term 1	MATH1231 Mathematics 1B <u>OR</u> MATH1241 Higher Mathematics 1B <u>OR</u> MATH1041 Statistics for Life and Social Sciences	Term 1	CHEM2921 Food Chemistry	Term 1	FOOD3010 Food Products & Ingredients Tech	Term 1	CEIC4007 Product Design Project Thesis A
	BABS1201 Molecules, Cells and Genes		MICR2011 Microbiology 1		FOOD3020 Food Properties & Functions Lab		CEIC6711 Complex Fluids Microstructure & Rheology
	CHEM1811 Engineering Chemistry 1A		Discipline Elective		FOOD3220 Nutrition		* PHCM3001 Environment & Sustainability/ Ethics in Public Health
Term 2	CHEM1821 Engineering Chemistry 1B	Term 2	* BIOC2101 <u>OR</u> * Principles of Biochemistry (Advanced)	Term 2	FOOD3030 Food Safety & Quality Assurance	Term 2	CEIC4008 Product Design Project Thesis B
	FOOD1120 Introduction to Food Science		General Education		FOOD3801 Unit Operations in Food Processing		CEIC6789 Data-driven Decision Making
	ENGG1811 Computing for Engineers				FOOD3060 Food Processing Principles		

NOTES

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