

Food Science (Honours) 3061 - Food Science and Technology - FOODJH - T1 2026 Start

Program: Food Science (Honours) [3061]

Year 1 Term 1

Course or Activity	Prerequisites	Credits
CHEM1811 Engineering Chemistry 1A		6
<i>MATH1131 or MATH1141 or MATH1031</i>		6
<i>PHYS1121 or PHYS1131 or PHYS1111</i>		6

Year 1 Term 2

Course or Activity	Prerequisites	Credits
CHEM1821 Engineering Chemistry 1B	CHEM1811	6
FOOD1120 Food Science, Society and Sustainability		6
<i>MATH1041 or MATH1231 or MATH1241</i>		6

Year 1 Term 3

Course or Activity	Prerequisites	Credits
BABS1201 Molecules, Cells and Genes		6
FOOD1130 Sustainable Food Product Manufacturing		6

Year 2 Term 1

Course or Activity	Prerequisites	Credits
CHEM2041 Analytical Chemistry: Essential Methods	CHEM1811, CHEM1821	6
CHEM2921 Food Chemistry	CHEM1811, CHEM1821	6
MICR2011 Microbiology 1	BABS1201	6

Year 2 Term 2

Course or Activity	Prerequisites	Credits
ENGG1811 Computing for Engineers		6
<i>Discipline Electives</i>		6
<i>BIOC2101 or BIOC2181</i>		6

Year 2 Term 3

Course or Activity	Prerequisites	Credits
BIOC2201 Principles of Molecular Biology (Advanced)	CHEM1811, BABS1201, CHEM1821	6

FOOD2320 Food Microbiology		6
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Year 3 Term 1

Course or Activity	Prerequisites	Credits
FOOD3010 Food Products and Ingredients Technology	CHEM2921, CHEM1821	6
FOOD3020 Food Properties and Functions Laboratory	CHEM2921, FOOD1120	6
FOOD3220 Nutrition		6

Year 3 Term 2

Course or Activity	Prerequisites	Credits
FOOD3030 Food Safety and Quality Assurance	FOOD2320, FOOD3010	6
FOOD3060 Food Processing Principles		6

Year 3 Term 3

Course or Activity	Prerequisites	Credits
<i>General Education</i>		6
<i>General Education</i>		6
<i>Discipline Electives</i>		6

Year 4 Term 1

Course or Activity	Prerequisites	Credits
CEIC4007 Product Design Project Thesis A	FOOD3010	6
CEIC6711 Complex Fluids Microstructure and Rheology	FOOD3060, CHEM1821	6
<i>CEIC4000 or PHCM3001</i>		6

Year 4 Term 2

Course or Activity	Prerequisites	Credits
CEIC4008 Product Design Project Thesis B	CEIC4007	6
CEIC6789 Data-driven Decision Making in Chemical Engineering and Food Science	ENGG1811	6
FOOD3801 Unit Operations in Food Processing	FOOD3060, FOOD3010	6

Year 4 Term 3

Course or Activity	Prerequisites	Credits
FOOD4110 Advanced Food Chemistry	CHEM2921	6
<i>Discipline Electives</i>		6