

# Bachelor of Food Science and Human Nutrition

## INFORMATION FOR STUDENTS WHO COMMENCED IN THE BACHELOR OF FOOD SCIENCE AND HUMAN NUTRITION [11680] PRIOR TO 2023

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The University is incorporating Work Integrated Learning (WIL) into all undergraduate programs as a 10-unit Core Course (FSHN3500 – Professional Practice), for students commencing in the program from 2023 onwards. WIL provides students from all disciplines and backgrounds with the opportunity to gain real world work experience and improve employability outcomes.

### Transition Arrangements

Pre-2023 students will continue with a 20-unit Area of Interest (AOI) Directed Course list. Students who self-select may complete FSHN3500 as part of their program as a replacement for FSHN3090, which has been removed from the AOI directed course list. All students who commence the degree in 2023 will be required to follow the new structure and complete FSHN3500 as part of their program.

The table below provides a summary of the changes to the Bachelor of Food Science and Human Nutrition:

2022 Program Requirements	2023 Program Requirements	Notes
<b>Core Courses (160 Units)</b>	<b>Core Courses (170 Units)</b>	The number of core courses has <b>increased</b> by 10 units.
CHEM1110 – Chemistry for the Life Sciences I (10 units)	CHEM1110 – Chemistry for the Life Sciences I (10 units)	No change
CHEM1120 – Chemistry for the Life Sciences II (10 units)	CHEM1120 – Chemistry for the Life Sciences II (10 units)	No change
FSHN1010 – Introduction to Food Science and Technology (10 units)	FSHN1010 – Introduction to Food Science and Technology (10 units)	No change
FSHN1020 – Introduction to Nutrition Science and Applications (10 units)	FSHN1020 – Introduction to Nutrition Science and Applications (10 units)	No change
MATH1001 – Preparatory Studies in Mathematics (10 units)	MATH1001 – Preparatory Studies in Mathematics (10 units)	No change
STAT1070 – Statistics for the Sciences (10 units)	STAT1070 – Statistics for the Sciences (10 units)	No change
BIOL2011 – Fundamentals of Biology and Biochemistry (10 units)	BIOL2011 – Fundamentals of Biology and Biochemistry (10 units)	No change
FSHN2010 – Essential Nutrients (10 units)	FSHN2010 – Essential Nutrients (10 units)	No change
FSHN2040 – Animal Food Products (10 units)	FSHN2040 – Animal Food Products (10 units)	No change

Information is correct as of November 2022 and subject to change.

Program Code: 11680

CRICOS Code: 055918K

CRICOS Provider: 00109J

2022 Program Requirements	2023 Program Requirements	Notes
FSHN2050 – Plant Food Products (10 units)	FSHN2050 – Plant Food Products (10 units)	No change
FSHN2060 – Food Marketing and Consumer Behaviour (10 units)	FSHN2060 – Food Marketing and Consumer Behaviour (10 units)	No change
FSHN2100 – Microbiology, Food Safety and Immunology (10 units)	FSHN2100 – Microbiology, Food Safety and Immunology (10 units)	No change
FSHN3020 – Nutrition in Health and Disease (10 units)	FSHN3020 – Nutrition in Health and Disease (10 units)	No change
FSHN3030 – Future Food: Technologies, Issues and Trends (10 units)	FSHN3030 – Future Food: Technologies, Issues and Trends (10 units)	No change
FSHN3210 – Food Product Development (10 units)	FSHN3210 – Food Product Development (10 units)	No change
FSHN3230 – Food Analysis (10 units)	FSHN3230 – Food Analysis (10 units)	No change
	<b>Work Integrated Learning Placement</b> FSHN3500 – Professional Practice (10 units)	<b>New core course</b> Pre-2023 students are not required to complete FSHN3500. Students who self-select may complete this course as part of their program as a replacement for FSHN3090, which has been removed from the AOI directed course list.
<b>Human Health and Wellbeing Directed Courses (20 Units)</b> Complete a course pair from either [FSHN1030 and HUBS1401] or [HUBS1403 and HUBS1404]	<b>Human Health and Wellbeing Directed Courses (20 Units)</b> Complete a course pair from either [FSHN1030 and HUBS1401] or [HUBS1403 and HUBS1404]	
FSHN1030 – Introduction to the Nutritional, Physical and Psychological Aspects of Wellness (10 units)	FSHN1030 – Introduction to the Nutritional, Physical and Psychological Aspects of Wellness (10 units)	No change
HUBS1401 – Human Bioscience (10 units)	HUBS1401 – Human Bioscience (10 units)	No change
HUBS1403 – Biomedical Science Part 1 (10 units)	HUBS1403 – Biomedical Science Part 1 (10 units)	No change
HUBS1404 – Biomedical Science Part 2 (10 units)	HUBS1404 – Biomedical Science Part 2 (10 units)	No change

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2022 Program Requirements	2023 Program Requirements	Notes
<b>Area of Interest Directed Courses (20 units)</b> Complete 20 units from the following directed courses.	<b>Area of Interest Directed Courses (10 units)</b> Complete 10 units from the following directed courses.	The number of AOI directed courses at 3000 level has <b>reduced</b> by 10 units.
FSHN3010 – Food Processing and Quality (10 units)	FSHN3010 – Food Processing and Quality (10 units)	No change
FSHN3060 – Nutrition for the Life Cycle (10 units)	FSHN3060 – Nutrition for the Life Cycle (10 units)	No change
FSHN3090 – Professional Practice (20 units)		<b>Removed</b> from directed course list. Pre-2023 students may choose to complete the new 10-unit WIL Placement course FSHN3500 in place of FSHN3090.
FSHN3100 – Research Methods (10 units)	FSHN3100 – Research Methods (10 units)	No change
FSHN3420 – Food Packaging (10 units)	FSHN3420 – Food Packaging (10 units)	No change. <i>Not currently offered.</i>
<b>Electives (40 units)</b> Complete 40 units of electives to fulfil the requirements of the program. Electives can be used to extend and complement your core studies with more courses in the same field of study, or from areas that might be of interest to you. Electives can be chosen from all courses available at the University that do not have any other conditions (such as a course requisite) applied to them.	<b>Electives (40 units)</b> Complete 40 units of electives to fulfil the requirements of the program. Electives can be used to extend and complement your core studies with more courses in the same field of study, or from areas that might be of interest to you. Electives can be chosen from all courses available at the University that do not have any other conditions (such as a course requisite) applied to them.	

If you have any questions regarding your remaining program, please email [ProgramAdvice@newcastle.edu.au](mailto:ProgramAdvice@newcastle.edu.au).