

# PROGRAM PLAN

## BACHELOR OF FOOD SCIENCE AND HUMAN NUTRITION

**START DATE:**  
Semester 1, 2021

**LOCATION:**  
Central Coast

This Program Plan is an enrolment guide to ensure you are on track to graduate. If at any time you wish to vary from this program plan seek advice from your Academic Program Advisor to ensure you remain on track.

 [PROGRAM HANDBOOK](#)

 [COURSE HANDBOOK](#)

**NAME:**

**STUDENT NO.:**

YEAR 1	SEMESTER 1	<b>CHEM1110</b> Chemistry for the Life Sciences I	<b>FSHN1020</b> Introduction to Nutrition Science and Applications	<b>DIRECTED</b> Group A	<b>DIRECTED</b> Group B
		CORE	CORE	DIRECTED	DIRECTED

SEMESTER 2	<b>CHEM1120</b> Chemistry for the Life Sciences II	<b>FSHN1010</b> Introduction to Food Science and Technology	<b>STAT1070</b> Statistics for the Sciences	<b>DIRECTED</b> Group A
	CORE	CORE	CORE	DIRECTED

YEAR 2	SEMESTER 1	<b>BIOL2011</b> Fundamentals of Biology and Biochemistry	<b>FSHN2040</b> Animal Food Products	<b>ELECTIVE</b>	<b>ELECTIVE</b>
		CORE	CORE	ELECTIVE	ELECTIVE

SEMESTER 2	<b>FSHN2010</b> Essential Nutrients ** see note on page 2	<b>FSHN2050</b> Plant Food Products	<b>FSHN2060</b> Food Marketing and Consumer Behaviour ** see note on page 2	<b>FSHN2100</b> Microbiology, Food Safety and Immunology
	CORE	CORE	CORE	CORE

YEAR 3	SEMESTER 1	<b>FSHN3020</b> Nutrition in Health and Disease	<b>FSHN3070</b> Functional Foods and Health Claims	<b>FSHN3230</b> Food Analysis	<b>ELECTIVE</b> 2000/3000 level
		CORE	CORE	CORE	ELECTIVE

SEMESTER 2	<b>FSHN3210</b> Food Product Development	<b>DIRECTED</b> Group C	<b>DIRECTED</b> Group C	<b>ELECTIVE</b> 2000/3000 level
	CORE	DIRECTED	DIRECTED	ELECTIVE

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To be eligible to graduate make sure you have completed 240 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

- Core courses – 150 units.
- Directed courses – 50 units (20 units of Group A Directed courses at 1000 level, and 10 units of Group B Directed courses at 1000 level and 20 units of Group C Directed courses at 3000 level).
- Electives – 40 units, visit the [Program Handbook](#) a list of suggested electives.
- Students must not exceed 100 units at 1000 level in this program.
- Students must complete at least 40 units at 2000 and 3000 level.
- The duration of this program is 3 years full-time (40 units per semester) or part-time equivalent.
- The maximum time to complete this program is 8 years.



Some courses have assumed knowledge and/or requisites, please refer to the individual [Course Handbook](#). Please refer to the [Program Handbook](#) for specific information on program structure. If you are intending varying from this program plan please seek advice from your [Academic Program Advisor](#).

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### GROUP A DIRECTED

Choose 20 units from the following pairs

- **HUBS1401** Human Bioscience (Semester 1 – Central Coast/Callaghan) **and** **+FSHN1030** Introduction to the Nutritional, Physical and Psychological Aspects of Wellness  
**OR**
- **HUBS1403** Biomedical Science Part 1 (Semester 1 – Central Coast/Callaghan) **and** **HUBS1404** Biomedical Science Part 2 (Semester 2 – Central Coast/Callaghan)  
**OR**

*Students considering further study in the postgraduate Nutrition and Dietetics are recommended to take HUBS1403 and HUBS1404 in order to gain the assumed knowledge for electives in biochemistry and/or physiology*

**+ 2021:** The Bachelor of Food Science and Human Nutrition Directed A course pairings were revised in 2021 for implementation in S2 2021. HUBS1416 has been replaced with FSHN1030. Students who commenced in Semester 1 2021 can complete [HUBS1401 and HUBS1416] or [HUBS1401 and FSHN1030] or [HUBS1403 and HUBS1404]. Students who commence in Semester 2 2021 or after can complete [HUBS1401 and FSHN1030] or [HUBS1403 and HUBS1404].

### GROUP B DIRECTED

Choose 10 units from the following courses

- **MATH1001** Preparatory Studies in Mathematics (Semester 1 – Central Coast, Semester 2 – Callaghan)
- **MATH1110** Mathematics for Engineering, Science and Technology 1 (Semester 1 & 2 – Callaghan)

### GROUP C DIRECTED

Choose 20 units from the following courses

- **FSHN3010** Food Processing and Quality Management (Semester 1 – Central Coast) [elective from Semester 1 would move to Semester 2]
- **FSHN3060** Nutrition for the Life Cycle (Semester 2 – Online)
- **FSHN3090** Professional Practice (20 units) (Semester 1 & 2 – Central Coast) (previously FSHN3080 (10 units))
- **FSHN3100** Research Methods (Semester 2 – Central Coast)
- **FSHN3240** Food Packaging (Not currently offered)