



PROGRAM PLAN

BACHELOR OF FOOD SCIENCE AND HUMAN NUTRITION

START DATE:
Semester 2, 2015 to 2020

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.:

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

SEMESTER 1	BIOL2011 Fundamentals of Biology and Biochemistry	FSHN2040 Animal Food Products	ELECTIVE 2000/3000 level	ELECTIVE 2000/3000 level
	CORE	CORE	ELECTIVE	ELECTIVE

SEMESTER 1	FSHN3020 Nutrition in Health and Disease	FSHN3070 Functional Foods and Health Claims	FSHN3230 Food Analysis	DIRECTED Group C
	CORE	CORE	CORE	DIRECTED

YEAR 1 SEMESTER 2	FSHN1010 Introduction to Food Science and Technology	DIRECTED Group B	ELECTIVE	ELECTIVE
	CORE	DIRECTED	ELECTIVE	ELECTIVE

YEAR 2 SEMESTER 2	CHEM1120 Chemistry for the Life Sciences II	FSHN2010+ Essential Nutrients ** see note on page 2	FSHN2060 Food Marketing and Consumer Behaviour ** see note on page 2	DIRECTED Group A
	CORE	CORE	CORE	DIRECTED

YEAR 3 SEMESTER 2	FSHN2050 Plant Food Products	FSHN2100 Microbiology, Food Safety and Immunology	FSHN3210 Food Product Development	DIRECTED Group C
	CORE	CORE	CORE	DIRECTED

+ FSHN2010 had a name change in 2021 from Macronutrients and Micronutrients to Essential Nutrients. If you have successfully completed FSHN2010 prior to 2021 the course will still count towards your program and will show on your transcript as the course name at the time of completion.

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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 – 140 units.
- Directed courses – 60 units (20 units of Group A Directed courses at 1000 level, and 20 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](#) for 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.

**Note: From 2020, FSHN2020 and FSHN2030 will no longer be offered and will be replaced with FSHN2010 and FSHN2060.

Transition arrangements are below:

Completed	Not completed	Will need to complete	Exempt from
FSHN2020	FSHN2030	FSHN2010	FSHN2060
FSHN2030	FSHN2020	FSHN2010	FSHN2060
FSHN2020 and FSHN2030	-	-	FSHN2010 and FSHN2060
-	FSHN2020 and FSHN2030	FSHN2010 and FSHN2060	-



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
- + **BIOL1001** Molecules, Cells and Organisms (Semester 1 – Central Coast/Callaghan) **and** **SCIE1002** Multidisciplinary Laboratories (Semester 1 – Central Coast/Callaghan)

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.

+ **2018:** The Bachelor of Food Science and Human Nutrition Group A Directed course pairings were revised in 2018, for implementation in 2019. The BIOL1040 and HUBS1418 pairing has been replaced by BIOL1001 and SCIE1002. Students undertaking this pairing who have not successfully completed BIOL1040 are required to complete BIOL1001. Students undertaking this pairing who have not successfully completed HUBS1418 are required to complete SCIE1002. Students who have previously completed both courses from this pairing are not affected by this revision.

+ **2020:** The Bachelor of Food Science and Human Nutrition Group A Directed course pairings were revised in 2019, for implementation in 2020. The BIOL1001 and SCIE1002 pairing has been removed. Students undertaking this pairing who have not successfully completed BIOL1001 can still complete BIOL1001 and have it counted towards their Group A Directed pairing. Students undertaking this pairing who have not successfully completed SCIE1002 can still complete SCIE1002 and have it counted towards their Group A Directed pairing. Students who commenced prior to 2020 and have completed neither BIOL1001 nor SCIE1002 can still take this pairing. Students who commence from 2020 cannot take this pairing. Students who have previously completed both courses from this pairing are not affected by this revision.

++ **2021:** The Bachelor of Food Science and Human Nutrition Group A Directed course pairings were revised in 2021 for implementation in S2 2021. HUBS1416 has been replaced with FSHN1030. Students undertaking this pairing can complete [HUBS1401 and HUBS1416] or [HUBS1401 and FSHN1030].

GROUP B DIRECTED

Choose 20 units from the following courses

- * **MATH1001** Preparatory Studies in Mathematics (Semester 1 – Central Coast, Semester 2 – Callaghan) **OR** **MATH1110** Mathematics for Engineering, Science and Technology 1 (Semester 1 & 2 – Callaghan)
- + **PHYS1150** Everyday Physics (*no longer offered*)
- ++ **STAT1070** Statistics for the Sciences (Semester 1 – Callaghan, Semester 2 – Central Coast/Callaghan)

+ No longer available from 2021.

++ No longer available as a Directed course from 2021.

* If students wish to take a MATH Directed course for their Group B Directed course, please review the information at [Enrolling in Maths](#) to determine which course will complement your previous knowledge.

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*)
- + **HUBS3280** Nutritional Biochemistry (*No longer offered*)
- ++ **NUDI4270** Sports Nutrition (Semester 2 – Online)

+ No longer available from 2021.

++ No longer available as a Directed course from 2016.