| YEAR 1 | SEMESTER 1 | CHEM1110 Chemistry for the Life Sciences I | FSHN1020 Introduction to Nutrition Science and Applications | DIRECTED Group A | DIRECTED Group B |
| YEAR 1 | SEMESTER 2 | CHEM1120 Chemistry for the Life Sciences II | FSHN1010 Introduction to Food Science and Technology | DIRECTED Group A | DIRECTED Group B |
| YEAR 2 | SEMESTER 1 | BIOL2011 Fundamentals of Biology and Biochemistry | FSHN2040 Animal Food Products | ELECTIVE | ELECTIVE |
| YEAR 2 | SEMESTER 2 | FSHN2010 Macronutrients and Micronutrients | FSHN2050 Plant Food Products | CORE | CORE |
| YEAR 3 | SEMESTER 1 | FSHN3020 Nutrition in Health and Disease | FSHN3070 Functional Foods and Health Claims | ELECTIVE 2000/3000 level | ELECTIVE |
| YEAR 3 | SEMESTER 2 | FSHN3210 Food Product Development | DIRECTED Group C | DIRECTED Group C | ELECTIVE 2000/3000 level |
PROGRAM PLAN
BACHELOR OF FOOD SCIENCE
AND HUMAN NUTRITION

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).
- * From 2020, FSHN2020 and FSHN2030 will no longer be offered and will be replaced with FSHN2010 and FSHN2060. Transition arrangements are below:

<table>
<thead>
<tr>
<th>Completed</th>
<th>Not completed</th>
<th>Will need to complete</th>
<th>Exempt from</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSHN2020</td>
<td>FSHN2030</td>
<td>FSHN2010</td>
<td>FSHN2060</td>
</tr>
<tr>
<td>FSHN2030</td>
<td>FSHN2020</td>
<td>FSHN2010</td>
<td>FSHN2060</td>
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<tr>
<td>FSHN2020 and FSHN2030</td>
<td>-</td>
<td>-</td>
<td>FSHN2010 and FSHN2060</td>
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<td>-</td>
<td>FSHN2020 and FSHN2030</td>
<td>FSHN2010 and FSHN2060</td>
<td>-</td>
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</tbody>
</table>

- Electives – 40 units, visit the Program Handbook for more information.
- 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 Program Advisor.
GROUP A DIRECTED

Choose 20 units from the following pairs.

- HUBS1401 Human Bioscience (Semester 1 – Central Coast/Callaghan) and HUBS1418 Advanced Human Bioscience (Semester 2 – Central Coast/Callaghan/Port Macquarie)
- 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)

+ 2018: The Bachelor of Food Science and Human Nutrition Directed A 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 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 Directed A 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 take this pairing. Students who commenced from 2020 cannot take this pairing. Students who have previously completed both courses from this pairing are not affected by this revision.

* If students intend to continue with further study in the Master of Dietetics, they need to take HUBS1403 and HUBS1404 in order to gain admission.

GROUP B DIRECTED

Choose 20 units from the following courses.

- * MATH1001 Preparatory Studies in Mathematics (Semester 1 & 2 – Central Coast/Callaghan) or MATH1110 Mathematics for Engineering, Science and Technology 1 (Semester 1 & 2 – Callaghan)
- PHYS1150 Everyday Physics (Semester 2 – Central Coast)
- STAT1070 Statistics for the Sciences (Semester 1 – Callaghan, Semester 2 – Central Coast/Callaghan)

* 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 The Biology of Nutrients Through the Human Lifecycle (Semester 2 – Central Coast)
- FSHN3080 Professional Practice (Semester 2 – Central Coast)
- FSHN3100 Research Methods (Semester 2 – Central Coast)
- HUBS3280 Nutritional Biochemistry (Semester 2 – Callaghan)
- + NUDI4270 Sports Nutrition (Semester 1 – Online)

+ Only available as Group C Directed course for students who commenced in 2015. For all other intakes this will count as an elective.

* If students intend to work in the food industry, they need to take FSHN3010 & FSHN3080. If they intend to work in the nutrition related field, they need to take FSHN3060 and FSHN3280. If students intend to do Honours, they should take FSHN3100 and another course of interest from the list above.