# Bachelor of Food Science and Human Nutrition

**Commencing in Semester 2, 2016 to 2019**  
**Studying at 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 prior advice from your Program Advisor to ensure you remain on track.

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
<td><img src="image3.png" alt="Image" /></td>
<td><img src="image4.png" alt="Image" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
</table>
| **CHEM1110**  
Chemistry for the Life Sciences I | **FSHN1010**  
Foods and Nutrients I  
**DIRECTED**  
Group B |
| **FSHN1020**  
Foods and Nutrients II | **DIRECTED**  
Group B |
| **DIRECTED**  
Group A | **ELECTIVE**  
**ELECTIVE**  
**ELECTIVE**  
**ELECTIVE** |
| **CHEM1120**  
Chemistry for the Life Sciences II | **DIRECTED**  
Group A  
(Replace with a Group B directed course if completing the BIOL1001/SCIE1002 Group A pairing in Semester 1) |

<table>
<thead>
<tr>
<th>Semester 3</th>
<th>Semester 4</th>
</tr>
</thead>
</table>
| **BIOL2011**  
Fundamentals of Biology and Biochemistry | **FSHN2020**  
Macronutrients  
**DIRECTED**  
Group A  
(Replace with SCI1002 if completing the BIOL1001/SCIE1002 Group A pairing) |
| **FSHN2040**  
Animal Food Products  
**ELECTIVE**  
2000 or 3000 level | **FSHN2050**  
Plant Food Products  
**ELECTIVE**  
2000 or 3000 level |
| **FSHN2050**  
Microbiology, Food Safety and Immunology | **FSHN3210**  
Food Product Development  
**DIRECTED**  
Group C |
| **FSHN3020**  
Nutrition in Health and Disease | **DIRECTED**  
Group C |
| **FSHN3070**  
Functional Foods and Health Claims | **FSHN3230**  
Food Analysis |

**Program Plan Key:**  
- **= Core**  
- **= Directed**  
- **= Elective**

Information correct as of September 2018 and subject to change.
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. A maximum of 20 units of Electives can be taken at 1000 level. Visit the Course Handbook to see a list of available Electives.
- No more than 100 units at 1000 level.
- At least 60 units at 3000 level.
- If students wish to take 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.
- For students who commence this program in Semester 2, 2018, the minimum duration to complete is 3.5 years, due to course structure and availability.
- 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. The Program Handbook has valuable information on program structure and requirements, if you are intending on studying part time or varying from this program plan please seek prior advice from your Program Advisor.
# Bachelor of Food Science and Human Nutrition

## Directed Courses

Subject to change - Please refer to the program handbook for up to date information.

<table>
<thead>
<tr>
<th>Group A</th>
<th>Choose 20 units from the following pairs.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>HUBS1401</strong> Human Bioscience (Semester 1 – Central Coast/Callaghan) and <strong>HUBS1416</strong> Advanced Human Bioscience (Semester 2 – Central Coast/Callaghan/Port Macquarie)</td>
</tr>
<tr>
<td>OR</td>
<td><strong>HUBS1403</strong> Biomedical Science Part 1 (Semester 1 – Central Coast/Callaghan) and <strong>HUBS1404</strong> Biomedical Science Part 2 (Semester 1 – Central Coast/Callaghan)</td>
</tr>
<tr>
<td>OR</td>
<td><strong>BIOL1001</strong> Molecules, Cells and Organisms (Semester 1 – Central Coast/Callaghan) and <strong>SCIE1002</strong> Multidisciplinary Laboratories (Semester 1 – Central Coast/Callaghan)</td>
</tr>
</tbody>
</table>

*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 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.*

<table>
<thead>
<tr>
<th>Group B</th>
<th>Choose 20 units from the following courses.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>MATH1001</strong> Preparatory Studies in Mathematics (Semester 1 – Central Coast/Callaghan) OR <strong>MATH1110</strong> Mathematics for Engineering, Science and Technology 1 (Semester 1 – Callaghan, Semester 2 – Central Coast/Callaghan)</td>
</tr>
<tr>
<td></td>
<td><strong>PHYS1150</strong> Everyday Physics (Semester 2 – Central Coast)</td>
</tr>
<tr>
<td></td>
<td><strong>STAT1070</strong> Statistics for the Sciences (Semester 1 – Callaghan, Semester 2 – Central Coast/Callaghan)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group C</th>
<th>Choose 20 units from the following courses.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>FSHN3010</strong> Food Processing and Quality Management (Semester 1 – Central Coast) (select one course)</td>
</tr>
<tr>
<td></td>
<td><strong>FSHN3060</strong> The Biology of Nutrients Through the Human Lifecycle (Semester 2 – Central Coast)</td>
</tr>
<tr>
<td></td>
<td><strong>FSHN3080</strong> Professional Practice (Semester 2 – Central Coast)</td>
</tr>
<tr>
<td></td>
<td><strong>FSHN3100</strong> Research Methods (Semester 2 – Central Coast)</td>
</tr>
<tr>
<td></td>
<td><strong>HUBS3280</strong> Nutritional Biochemistry (Semester 2 – Callaghan)</td>
</tr>
</tbody>
</table>

Information correct as of September 2018 and subject to change. 

Program Code: 11680  
CRICOS Code: 055918K  
CRICOS Provider: 00109J