

# Bachelor of Food Science and Human Nutrition/Bachelor of Business

## INFORMATION FOR STUDENTS WHO COMMENCED IN THE BACHELOR OF FOOD SCIENCE AND HUMAN NUTRITION/BACHELOR OF BUSINESS [40102] 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 or BUSN3200 – Industry Placement), 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 either FSHN3500 or BUSN3200 as part of their program.

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

2022 Program Requirements	2023 Program Requirements	Notes
<b>Core Courses (210 Units)</b>	<b>Core Courses (210 Units)</b>	
ACFI1001 – Accounting for Decision Makers (10 units)	ACFI1001 – Accounting for Decision Makers (10 units)	No change
ACFI1003 – Introduction to Finance (10 units)	ACFI1003 – Introduction to Finance (10 units)	No change
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
ECON1001 – Microeconomics for Business Decisions (10 units)	ECON1001 – Microeconomics for Business Decisions (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
LEGL1001 – Foundations of Law (10 units)	LEGL1001 – Foundations of Law (10 units)	No change
MKTG1001 – Foundations of Marketing (10 units)	MKTG1001 – Foundations of Marketing (10 units)	No change

2022 Program Requirements	2023 Program Requirements	Notes
MNGT1001 – Introduction to Management (10 units)	MNGT1001 – Introduction to Management (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
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

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2022 Program Requirements	2023 Program Requirements	Notes
	<b>WIL Directed Course (10 units)</b> Complete 10 units from the following list of directed courses.	
	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.
	BUSN3002 – Industry Placement (10 units)	BUSN3002 placement hours have increased from 100 to 140 hours. This course has been moved from major directed course lists to a WIL directed course list for students commencing in the program from 2023 onwards.
<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
<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

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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>
HUBS3280 – Nutritional Biochemistry (10 units)	HUBS3280 – Nutritional Biochemistry (10 units)	No change. <i>Not currently offered.</i>
<b>Business Majors</b>		
<b>Entrepreneurship and Innovation Major (70 Units)</b>		
<b>Compulsory Courses (40 units)</b> Complete the following compulsory courses to fulfil the requirements of this major.	<b>Compulsory Courses (40 units)</b> Complete the following compulsory courses to fulfil the requirements of this major.	
MNGT1002 – Introduction to Entrepreneurship and Innovation (10 units)	MNGT1002 – Introduction to Entrepreneurship and Innovation (10 units)	No change
MNGT2002 – Business Venturing (10 units)	MNGT2002 – Business Venturing (10 units)	No change
MNGT2007 – Ideation in Enterprise (10 units)	MNGT2007 – Ideation in Enterprise (10 units)	No change
MNGT3016 – Innovation and Entrepreneurial Strategy (10 units)	MNGT3016 – Innovation and Entrepreneurial Strategy (10 units)	No change
<b>2000 Level Directed Courses (10 Units)</b> Choose 10 units from the following directed courses.	<b>2000 Level Directed Courses (10 Units)</b> Choose 10 units from the following directed courses.	
MNGT2004 – Managing Innovation (10 units)	MNGT2004 – Managing Innovation (10 units)	No change
MNGT2006 – Decision Making Under Uncertainty (10 units)	MNGT2006 – Decision Making Under Uncertainty (10 units)	No change
<b>3000 Level Directed Courses (20 Units)</b> Choose 20 units from the following directed courses.	<b>3000 Level Directed Courses (20 Units)</b> Choose 20 units from the following directed courses.	From 2023 BUSN3002 is no longer part of this major. Pre-2023 students who have already successfully completed BUSN3002 can count this course toward this major.

2022 Program Requirements	2023 Program Requirements	Notes
BUSN3002 – Industry Placement (10 units)		<b>Removed</b> from directed course list.
MNGT3002 – Knowledge Management (10 units)	MNGT3002 – Knowledge Management (10 units)	No change
MNGT3007 – Social Entrepreneurship (10 units)	MNGT3007 – Social Entrepreneurship (10 units)	No change
MNGT3008 – Advanced Innovation Management (10 units)	MNGT3008 – Advanced Innovation Management (10 units)	No change
MNGT3009 – Business Development and Growth (10 units)	MNGT3009 – Business Development and Growth (10 units)	No change
<b>Politics and International Relations Major (70 Units)</b>		
<b>Compulsory Courses (20 Units)</b> Complete the following compulsory courses to fulfil the requirements of this major.	<b>Compulsory Courses (20 Units)</b> Complete the following compulsory courses to fulfil the requirements of this major.	
POLI2203 – International Political Economy and Global Development (10 units)	POLI2203 – International Political Economy and Global Development (10 units)	No change
POLI3180 – Politics, Policy and Government (10 units)	POLI3180 – Politics, Policy and Government (10 units)	No change
<b>1000 Level Directed Courses (10 Units)</b> Complete 10 units from the following courses. This major replaces the Governance, Policy and Political Economy major.	<b>1000 Level Directed Courses (10 Units)</b> Complete 10 units from the following courses. This major replaces the Governance, Policy and Political Economy major.	
POLI1010 – Australian Politics and Government (10 units)	POLI1010 – Australian Politics and Government (10 units)	No change
POLI1020 – Introduction to Politics (10 units)	POLI1020 – Introduction to Politics (10 units)	No change
<b>2000 Level Directed Courses (10 Units)</b> Complete 10 units from the following directed courses.	<b>2000 Level Directed Courses (10 Units)</b> Complete 10 units from the following directed courses.	
POLI2001 – Ideas in Political Science (10 units)	POLI2001 – Ideas in Political Science (10 units)	No change
POLI2200 – The Global Politics of Indigenous People (10 units)	POLI2200 – The Global Politics of Indigenous People (10 units)	No change. <i>Not currently offered.</i>

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2022 Program Requirements	2023 Program Requirements	Notes
<b>3000 Level Directed Courses (30 Units)</b> Complete 30 units from the following directed courses.	<b>3000 Level Directed Courses (30 Units)</b> Complete 30 units from the following directed courses.	From 2023 BUSN3002 is no longer part of this major. Pre-2023 students who have already successfully completed BUSN3002 can count this course toward this major.
BUSN3002 – Industry Placement (10 units)		<b>Removed</b> from directed course list.
POLI3002 – Power and the State (10 units)	POLI3002 – Power and the State (10 units)	No change
POLI3140 – The Politics of Globalisation (10 units)	POLI3140 – The Politics of Globalisation (10 units)	No change. <i>Not currently offered.</i>
POLI3150 – Issues in International Relations (10 units)	POLI3150 – Issues in International Relations (10 units)	No change
POLI3160 – Global Power and World Order (10 units)	POLI3160 – Global Power and World Order (10 units)	No change
POLI3203 – Democracy in the 21 <sup>st</sup> Century: Local Power, Policy and Participatory Politics (10 units)	POLI3203 – Democracy in the 21 <sup>st</sup> Century: Local Power, Policy and Participatory Politics (10 units)	No change
<b>Human Resource Management Major (70 Units)</b>		
<b>Compulsory Courses (50 Units)</b> Complete the following compulsory courses to fulfil the requirements of this major.	<b>Compulsory Courses (50 Units)</b> Complete the following compulsory courses to fulfil the requirements of this major.	
IRHR1002 – Dynamics of People and Work in Organisations (10 units)	IRHR1002 – Dynamics of People and Work in Organisations (10 units)	No change
IRHR2010 – Introduction to Industrial Relations (10 units)	IRHR2010 – Introduction to Industrial Relations (10 units)	No change
IRHR2270 – Introduction to Human Resource Management (10 units)	IRHR2270 – Introduction to Human Resource Management (10 units)	No change
IRHR3000 – Applied Human Resource Management and Employment Relations (10 units)	IRHR3000 – Applied Human Resource Management and Employment Relations (10 units)	No change
LEGL3111 – Employment Law (10 units)	LEGL3111 – Employment Law (10 units)	No change

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<b>3000 Level Directed Courses (20 Units)</b> Complete 20 units from the following directed courses.	<b>3000 Level Directed Courses (20 Units)</b> Complete 20 units from the following directed courses.	From 2023 BUSN3002 and BUSN3500 are no longer part of this major. Pre-2023 students who have already successfully completed BUSN3002 and/or BUSN3500 can count these courses toward this major.
BUSN3001 – Project in Business (10 units)	BUSN3001 – Project in Business (10 units)	No change
BUSN3002 – Industry Placement (10 units)		<b>Removed</b> from directed course list.
BUSN3500 – International Work Placement in Business (10 units)		<b>Removed</b> from directed course list.
IRHR3035 – Managing Diversity (10 units)	IRHR3035 – Managing Diversity (10 units)	No change
IRHR3040 – Negotiation and Advocacy (10 units)	IRHR3040 – Negotiation and Advocacy (10 units)	No change
IRHR3510 – Human Resource Development (10 units)	IRHR3510 – Human Resource Development (10 units)	No change
IRHR3540 – International Human Resource Management (10 units)	IRHR3540 – International Human Resource Management (10 units)	No change
<b>International Business Major (70 Units)</b>		
<b>Compulsory Courses (40 Units)</b> Complete the following compulsory courses to fulfil the requirements of this major.	<b>Compulsory Courses (40 Units)</b> Complete the following compulsory courses to fulfil the requirements of this major.	
IBUS1000 – Managing International Business Risk (10 units)	IBUS1000 – Managing International Business Risk (10 units)	No change
IBUS2001 – Cross-Cultural Management and Negotiations (10 units)	IBUS2001 – Cross-Cultural Management and Negotiations (10 units)	No change
IBUS2003 – International Trade Logistics (10 units)	IBUS2003 – International Trade Logistics (10 units)	No change
IBUS3000 – International Business Strategy (10 units)	IBUS3000 – International Business Strategy (10 units)	No change

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<b>3000 Level Directed Courses (30 Units)</b> Complete 30 units from the following directed courses.	<b>3000 Level Directed Courses (30 Units)</b> Complete 30 units from the following directed courses.	From 2023 BUSN3002 and BUSN3500 are no longer part of this major. Pre-2023 students who have already successfully completed BUSN3002 and/or BUSN3500 can count these courses toward this major.
ACFI3140 – International Finance (10 units)	ACFI3140 – International Finance (10 units)	No change
BUSN3002 – Industry Placement (10 units)		<b>Removed</b> from directed course list.
BUSN3500 – International Work Placement in Business (10 units)		<b>Removed</b> from directed course list.
BUSN3600 – International Study Experience (10 units)	BUSN3600 – International Study Experience (10 units)	No change
ECON3003 – Global Trade and Finance (10 units)	ECON3003 – Global Trade and Finance (10 units)	No change
IRHR3540 – International Human Resource Management (10 units)	IRHR3540 – International Human Resource Management (10 units)	No change
MKTG3060 – International Marketing (10 units)	MKTG3060 – International Marketing (10 units)	No change
POLI3140 – The Politics of Globalisation (10 units)	POLI3140 – The Politics of Globalisation (10 units)	No change. <i>Not currently offered.</i>
POLI3160 – Global Power and World Order (10 units)	POLI3160 – Global Power and World Order (10 units)	No change
<b>Leadership &amp; Management Major (60 Units)</b>	<b>Leadership &amp; Management Major (70 Units)</b>	The number of courses has <b>increased</b> from 60 to 70 units
<b>Compulsory Courses (30 Units)</b> Complete the following compulsory courses to fulfil the requirements of this major.	<b>Compulsory Courses (30 Units)</b> Complete the following compulsory courses to fulfil the requirements of this major.	
MNGT2005 – Leadership and Ethics (10 units)	MNGT2005 – Leadership and Ethics (10 units)	No change
MNGT3011 – Leading Organisational Change (10 units)	MNGT3011 – Leading Organisational Change (10 units)	No change
MNGT3012 – Strategic Business Management (10 units)	MNGT3012 – Strategic Business Management (10 units)	No change

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2022 Program Requirements	2023 Program Requirements	Notes
<b>2000 Level Directed Courses (10 Units)</b> Complete 10 units from the following directed courses.	<b>Directed Courses (40 Units)</b> Complete 40 units from the following directed courses (with a minimum of 10 units at the 2000 level and a minimum of 20 units at the 3000 level).	The total number of directed courses has <b>increased</b> from 30 to 40 units.
MNGT2002 – Business Venturing (10 units)	MNGT2002 – Business Venturing (10 units)	No change
MNGT2006 – Decision Making under Uncertainty (10 units)	MNGT2006 – Decision Making under Uncertainty (10 units)	No change
	IRHR2270 – Introduction to Human Resource Management (10 units)	<b>Added</b> to directed course list.
<b>3000 Level Directed Courses (20 Units)</b> Complete 20 units from the following directed courses.		From 2023 BUSN3002 and BUSN3500 are no longer part of this major. Pre-2023 students who have already successfully completed BUSN3002 and/or BUSN3500 can count these courses toward this major.
	IRHR3035 – Managing Diversity (10 units)	<b>Added</b> to directed course list.
	IRHR3040 – Negotiation and Advocacy (10 units)	<b>Added</b> to directed course list.
	IRHR3510 – Human Resource Development (10 units)	<b>Added</b> to directed course list.
BUSN3001 – Project in Business (10 units)	BUSN3001 – Project in Business (10 units)	No change
BUSN3002 – Industry Placement (10 units)		<b>Removed</b> from directed course list.
BUSN3500 – International Work Placement in Business (10 units)		<b>Removed</b> from directed course list.
MNGT3002 – Knowledge Management (10 units)	MNGT3002 – Knowledge Management (10 units)	No change
MNGT3008 – Advanced Innovation Management (10 units)	MNGT3008 – Advanced Innovation Management (10 units)	No change
MNGT3009 – Business Development and Growth (10 units)	MNGT3009 – Business Development and Growth (10 units)	No change

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2022 Program Requirements	2023 Program Requirements	Notes
<b>Marketing Major (60 Units)</b>	<b>Marketing Major (70 Units)</b>	This major has <b>increased</b> by 10 units, from 60 to 70 units.
<b>Compulsory Courses (30 Units)</b> Complete the following compulsory courses to fulfil the requirements of this major.	<b>Compulsory Courses (30 Units)</b> Complete the following compulsory courses to fulfil the requirements of this major.	
MKTG2010 – Marketing Research (10 units)	MKTG2010 – Marketing Research (10 units)	No change
MKTG2101 – Consumer Behaviour (10 units)	MKTG2101 – Consumer Behaviour (10 units)	No change
MKTG3000 – Strategic Marketing Management (10 units)	MKTG3000 – Strategic Marketing Management (10 units)	No change
<b>Directed Courses (30 Units)</b> Complete the following directed courses to fulfil the requirements of this major.	<b>Directed Courses (40 Units)</b> Complete the following directed courses to fulfil the requirements of this major.	From 2023 BUSN3002 and BUSN3500 are no longer part of this major. Pre-2023 students who have already successfully completed BUSN3002 and/or BUSN3500 can count these courses toward this major.
BUSN3001 – Project in Business (10 units)	BUSN3001 – Project in Business (10 units)	No change
BUSN3002 – Industry Placement (10 units)		<b>Removed</b> from directed course list.
BUSN3500 – International Work Placement in Business (10 units)		<b>Removed</b> from directed course list.
MKTG3002 – Digital and Social Media Marketing (10 units)	MKTG3002 – Digital and Social Media Marketing (10 units)	No change
MKTG3003 – Creating and Managing Brands (10 units)	MKTG3003 – Creating and Managing Brands (10 units)	No change
MKTG3004 – Advertising and Marketing Communications Strategy (10 units)	MKTG3004 – Advertising and Marketing Communications Strategy (10 units)	No change
MKTG3040 – Services Marketing (10 units)	MKTG3040 – Services Marketing (10 units)	No change
MKTG3060 – International Marketing (10 units)	MKTG3060 – International Marketing (10 units)	No change

2022 Program Requirements	2023 Program Requirements	Notes
<b>Tourism &amp; Event Management Major (70 Units)</b>		
<b>Compulsory Courses (40 Units)</b> Complete the following compulsory courses to fulfil the requirements of this major.	<b>Compulsory Courses (40 Units)</b> Complete the following compulsory courses to fulfil the requirements of this major.	
LEIS1000 – Leisure Behaviour and Organisation (10 units)	LEIS1000 – Leisure Behaviour and Organisation (10 units)	No change
TOUR2003 – Global Tourism Management (10 units)	TOUR2003 – Global Tourism Management (10 units)	No change
TOUR3003 – Tourism Marketing (10 units)	TOUR3003 – Tourism Marketing (10 units)	No change
LEIS3003 – Event Strategy & Leadership (10 units)	LEIS3003 – Event Strategy & Leadership (10 units)	No change
<b>2000 Level Directed Courses (10 Units)</b> Complete 10 units from the following directed courses.	<b>2000 Level Directed Courses (10 Units)</b> Complete 10 units from the following directed courses.	
LEIS2001 – Event Operations Management (10 units)	LEIS2001 – Event Operations Management (10 units)	No change
TOUR2001 – Tourism and Cultural Heritage (10 units)	TOUR2001 – Tourism and Cultural Heritage (10 units)	No change
<b>3000 Level Directed Courses (20 Units)</b> Complete 20 units from the following directed courses.	<b>3000 Level Directed Courses (20 Units)</b> Complete 20 units from the following directed courses.	From 2023 BUSN3002 is no longer part of this major. Pre-2023 students who have already successfully completed BUSN3002 can count this course toward this major.
BUSN3002 – Industry Placement (10 units)		<b>Removed</b> from directed course list.
LEIS3100 – Volunteer Management (10 units)	LEIS3100 – Volunteer Management (10 units)	No change
TOUR3004 – Specialised Sectors of the Tourism Industry (10 units)	TOUR3004 – Specialised Sectors of the Tourism Industry (10 units)	No change

2022 Program Requirements	2023 Program Requirements	Notes
<p><b>Electives (0-10 Units)</b>            Complete 0 or 10 units of electives, depending on Major studied to fulfil the requirements of this 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.</p>	<p><b>Electives (0-10 Units)</b>            Complete 0 or 10 units of electives, depending on Major studied to fulfil the requirements of this 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.</p>	

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