

Bachelor of Nutrition Science

Major – Food Science

(Information last updated on 30 March 2026)



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Electives – See Unit Offerings 2026 Tab

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Course Maps

Bachelor of Nutrition Science Major Food Science Blacktown, Melbourne and North Sydney

Students who commenced in February 2023

Students who are out of sequence due to part-time enrolment or progression issues should seek a course advice meeting with the relevant Course Coordinator.

YEAR 1				
SEM 1 2023	CHEM105 10cp Foundations of Chemistry (Inc CHEM103, CHED105)	BIOL125 10cp Human Biology 1 (Inc BIOL121, BIOL122, BIOL124, BIOL204 and BIOD125)	NUTR101 10cp Introduction to Nutrition (Inc EXSC118, NUTD101, EXSZ118)	PUBH102 10cp Foundations of Health Promotion (Inc PUBD121)
SEM 2 2023	CHEM112 10cp Organic and Food Chemistry (Pre: CHEM105 or CHED105 Inc: CHED112)	BIOL126 10cp Human Biology 2 (Pre: BIOL125 or BIOD125 (INC: BIOL121, BIOL122, BIOL124, BIOL204, BIOD126)	NUTR102 10cp Culinary Nutrition Science (Inc NUTD102)	Core Curriculum 10cp Unit 1 See here for unit details
YEAR 2				
SEM 1 2024	CHEM204 10cp Biochemistry (Pre: CHEM106 or CHED106 or CHEM112 CHED112) (Inc: CHEM104, CHEM201)	BMSC209 10cp Pathophysiology (Pre: BIOL126 or BIOD126 or BIOL204) (Inc: BIOL122)	NUTR202 10cp Lifespan Nutrition (Pre: NUTR101 or NUTD101 or EXSC118)	Major Elective Unit 10cp See Unit Offerings 2026 Tab
SEM 2 2024	CHEM206 10cp Advanced Metabolic Biochemistry (Pre: CHEM204 or CHEM201 Inc: Chem104)	BIOL234 10cp Nutritional Physiology (Pre: ((BIOL126 or BIOD126) and (NUTR101 or NUTD101)) or (BIOL125 and EXSC118) or BIOL204 Inc BMSC306)	PUBH103 10cp Epidemiology	Major Elective Unit 10cp See Unit Offerings 2026 Tab
YEAR 3				
SEM 1 2025	NUTR302 10cp Diet, Health and Disease (Pre: BIOL234 and NUTR202)	NUTR303 10cp Food Science in Practice (Pre: ((CHEM112 or CHED112) and (NUTR102 or NUTD102) or NUTR100	PUBH202 10cp Public Health Research Methods (Pre: PUBH103)	NUTR309* 10cp Work Placement 1 (Pre: NUTR202) Multi-mode
SEM 2 2025	NUTR304 10cp Food Product Design and Development (Pre: NUTR303)	NUTR305 10cp Community and Public Health Nutrition (Pre: PUBH102 or PUBD102)	Core Curriculum 10cp Unit 2 See here for unit and prerequisite details	NUTR310 10cp Work Placement 2 (Pre: NUTR309) Multi-mode

*NUTR309 requires students to complete an expression of interest form, which will be available in late October and circulated via the Nutrition Science Canvas page. Additionally, students must fulfill all pre-placement requirements, as outlined by the School of Behavioural and Health Sciences, by February 2026. Failure to meet these requirements will result in ineligibility to participate in this unit.

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YEAR 1				
SEM 1 2024	CHEM105 10cp Foundations of Chemistry (Inc CHEM103, CHED105)	BIOL125 10cp Human Biology 1 (Inc BIOL121, BIOL122, BIOL124, BIOL204 and BIOD125)	NUTR101 10cp Introduction to Nutrition (Inc EXSC118, NUTD101, EXSZ118)	PUBH102 10cp Foundations of Health Promotion (Inc PUBD121)
SEM 2 2024	CHEM112 10cp Organic and Food Chemistry (Pre: CHEM105 or CHED105 Inc: CHED112)	BIOL126 10cp Human Biology 2 (Pre: BIOL125 or BIOD125 (INC: BIOL121, BIOL122, BIOL124, BIOL204, BIOD126)	NUTR102 10cp Culinary Nutrition Science (Inc NUTD102)	Core Curriculum 10cp Unit 1 See here for unit details
YEAR 2				
SEM 1 2025	CHEM204 10cp Biochemistry (Pre: CHEM106 or CHED106 or CHEM112 CHED112) (Inc: CHEM104, CHEM201)	BMSC209 10cp Pathophysiology (Pre: BIOL126 or BIOD126 or BIOL204) (Inc: BIOL122)	NUTR202 10cp Lifespan Nutrition (Pre: NUTR101 or NUTD101 or EXSC118)	Major Elective Unit 10cp See Unit Offerings 2026 Tab
SEM 2 2025	CHEM206 10cp Advanced Metabolic Biochemistry (Pre: CHEM204 or CHEM201 Inc: Chem104)	BIOL234 10cp Nutritional Physiology (Pre: ((BIOL126 or BIOD126) and (NUTR101 or NUTD101)) or (BIOL125 and EXSC118) or BIOL204 Inc BMSC306)	PUBH103 10cp Epidemiology	Major Elective Unit 10cp See Unit Offerings 2026 Tab
YEAR 3				
SEM 1 2026	NUTR302 10cp Diet, Health and Disease (Pre: BIOL234 and NUTR202)	NUTR303 10cp Food Science in Practice (Pre: ((CHEM112 or CHED112) and (NUTR102 or NUTD102) or NUTR100	PUBH202 10cp Public Health Research Methods (Pre: PUBH103)	NUTR309* 10cp Work Placement 1 (Pre: NUTR202) Multi-mode
SEM 2 2026	NUTR304 10cp Food Product Design and Development (Pre: NUTR303)	NUTR305 10cp Community and Public Health Nutrition (Pre: PUBH102 or PUBD102)	Core Curriculum 10cp Unit 2 See here for unit and pre-requisite details	NUTR310 10cp Work Placement 2 (Pre: NUTR309) Multi-mode

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Students who commenced in February 2025

Students who are out of sequence due to part-time enrolment or progression issues should seek a course advice meeting with the relevant Course Coordinator.

YEAR 1				
SEM 1 2025	Chemistry/Numeracy Bridging 0c0 OR Elective Unit – 10cp	BIOL125 10cp Human Biology 1 (Inc BIOL121, BIOL122, BIOL124, BIOL204 and BIOD125)	NUTR101 10cp Introduction to Nutrition (Inc EXSC118, NUTD101, EXSZ118)	PUBH102 10cp Foundations of Health Promotion (Inc PUBD121)
SEM 2 2025	CHEM113 10cp Essential Ideas in Chemistry (Inc: CHED113)	BIOL126 10cp Human Biology 2 (Pre: BIOL125 or BIOD125) (INC: BIOL121, BIOL122, BIOL124, BIOL204, BIOD126)	NUTR102 10cp Culinary Nutrition Science (Inc NUTD102)	Core Curriculum 10cp Unit 1 See here for unit details
YEAR 2				
PT2 2026	PUBH103 (10cp) Epidemiology			
SEM 1 2026	CHEM207 10cp Foundations of Biochemistry (Pre: CHEM113 or CHED113)	BMSC209 10cp Pathophysiology (Pre: BIOL126 or BIOD126 or BIOL204) (Inc: BIOL122)	PUBH202 10cp Public Health Research Methods (Pre: PUBH103)	Major Elective Unit 10cp See Unit Offerings 2026 Tab
SEM 2 2026	CHEM206 10cp Advanced Metabolic Biochemistry (Pre: CHEM204 or CHEM201 or CHEM207 Inc: CHEM104)	BIOL234 10cp Nutritional Physiology (Pre: ((BIOL125 or BIOD125) and (NUTR101 or NUTD101)) or BIOL204 Inc BMSC306)	NUTR202 10cp Lifespan Nutrition (Pre: NUTR101 or NUTD101)	BMSC110 10cp Communicating Ideas in Science
YEAR 3				
SEM 1 2027	NUTR302 10cp Diet, Health and Disease (Pre: BIOL234 and NUTR202)	NUTR303 10cp Food Science in Practice (Pre: ((CHEM112 or CHED112) or (CHEM113 or CHED113)) and (NUTR102 or NUTD102)	NUTR311 10cp Food, Society, and the Environment (Pre: NUTR202 and (PUBH202 or PSYC226))	NUTR309* 10cp Work Placement 1 (Pre: NUTR202)
SEM 2 2027	NUTR304 10cp Food Product Design and Development (Pre: NUTR303)	NUTR305 10cp Community and Public Health Nutrition (Pre: PUBH102 or PUBD102)	Core Curriculum 10cp Unit 2 See here for unit and pre-requisite details	Major Elective Unit 10cp See Unit Offerings 2026 Tab

*NUTR309 requires students to complete an expression of interest form, which will be available in late October and circulated via the Nutrition Science Canvas page. Additionally, students must fulfill all pre-placement requirements, as outlined by the School of Behavioural and Health Sciences, by February 2026. Failure to meet these requirements will result in ineligibility to participate in this unit.

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PLEASE NOTE FOR THE MAP ABOVE

Prerequisites ('Pre:') and Incompatibles ('Inc:') are added in italics. Prerequisites are other units that you must have passed *before* enrolling in the unit. Incompatibles are units that extremely similar. If you have already successfully passed an Incompatible unit, you are not able to enrol in this unit.

You will not be able to enrol in a unit in Student Connect if you don't meet the prerequisite requirements. This helps stop you from enrolling in units incorrectly.

You can find out about unit prerequisite requirements in your Course Enrolment Guide.

Under some circumstances, you might be eligible for a prerequisite waiver. You can find out more about prerequisites and how to apply for a waiver on the [Student Portal](#).

Students who do not follow the sequence recommended in their Course Map cannot be guaranteed a clash free timetable or completion within the normal course duration period. Any student studying outside the above sequence should consult with their Course Coordinator prior to enrolling.

UNIT STUDY MODES

The study mode describes the way that a unit is taught.

All units are delivered in Attendance mode, unless otherwise indicated in the map.

A - Attendance

Most learning activities or classes are delivered at a scheduled time, on campus, or approved ACU delivery site, to enable in-person interactions. Activities will appear in a student's timetable.

M - Multi-mode

Learning activities are delivered through a planned mix of online and in-person classes, which may include full-day sessions and/or placements, to enable interaction. Activities that require attendance will appear in a student's timetable.

OS - Online Scheduled

Fully online with learning activities held at scheduled times.

OU - Online unscheduled

Learning activities are accessible at anytime, anywhere. These units are normally delivered fully online and will not appear in a student's timetable.

Course Advice

Course Coordinators and/or Course Advisors are available to assist you with course advice. Students should in the first instance contact the Course Administrator on their campus. If required, your query will be referred to a Course Advisor or the National Course Coordinator. Any student studying outside the above sequence should consult with their Course Coordinator prior to enrolling. Please email your enquiry or request to make an appointment.

School of Behavioural and Health Science	Nutrition Science Administration Email: Nutrition.Admin@acu.edu.au
National Course Coordinator	Dr Ryan Tam (Lecturer Nutrition Science) Email: Ryan.Tam@acu.edu.au