

2025 Dual Program Study Planner

Bachelor of Human Movement and Nutrition Sciences / Bachelor of Science



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

CREATE CHANGE

Program Overview

Program code: 2532
Duration: 4 years full-time (or part-time equivalent)
Total units: 64
Commencement: Semester 1 and Semester 2
Admission requirements: Please refer to [BHMNSc/BSc](#) study page

Important Information

- At UQ we refer to your degree as a program and a subject as a course.
- Most UQ courses have a value of 2 units.
- If you are a full-time student, you will undertake 8 units (usually 4 courses) each semester.
- A course can only count once towards your program requirements

It is your responsibility to make sure you complete the requirements for each component of this dual program so you can graduate with both degrees. You must follow the program requirements, including any additional rules, listed on the [Programs and Courses website](#). This study planner must be used in conjunction with your program requirements.

You need to check the prerequisites, incompatible courses, restrictions and semester offerings for all courses you choose in your study plan. You are advised to check the scheduling for the current year and contact your faculty for planning advice if course scheduling has changed in a future year.

Program Requirements

[Bachelor of Human Movement and Nutrition Sciences component](#)

The BHMNSc program consists of 32 units comprising –

- 32 units for all Bachelor of Human Movement and Nutrition Sciences component

[Bachelor of Science component](#)

The BSc program consists of 32 units comprising –

- 4 units for all BSc Core Courses
- 28 units for 1 Major from BSc Majors (including any prerequisite courses, minors, program elective courses), or
- 28 units for 1 Extended Major from BSc Extended Majors (including any prerequisite courses, program elective courses)

Selecting plans in SI-Net

A plan is a prescribed combination of courses within a program being either a major (16 units), extended major (24 units), or minor (8 units). Make sure the plans for your program are correctly listed in [mySI-net](#). If you require assistance selecting your plan(s), follow these [instructions](#).

You may need to change this study planner depending on the plan(s) that you have chosen to study.

Global Experience

If you are planning on completing an overseas exchange, you may have to change this study plan. If you would like an exchange experience in your program, you are encouraged to seek advice early in your program and to be aware of the exchange application deadlines. For more information see the [Global Experiences](#) page.

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Changing to a Single Program (Exit Early)

If you have met the requirements of one of the single programs that make up your dual program, or if you have met the early exit criteria (see Additional Rules if applicable), you can choose to exit from your dual program with one degree. Alternatively, if you decide to change your program at any time during your studies, please contact the relevant faculty for advice.

Further Assistance

If you need more help or have any questions, please contact the relevant Faculty for advice:

Bachelor of Human Movement and Nutrition Sciences

[School of Human Movement and Nutrition Sciences](#)

Email: hmns@enquire.uq.edu.au

Phone: +61 7 3365 6240

Bachelor of Science

[Faculty of Science](#)

Email: enquire@science.uq.edu.au

Phone: +61 7 3365 1888

Study Planners

Bachelors of Human Movement and Nutrition Sciences / Science

BHMNSc *in combination with* BSc – Single major option

[Semester 1 commencement](#) 3

Bachelors of Human Movement and Nutrition Sciences / Science

BHMNSc *in combination with* BSc – Extended Major option

[Semester 1 commencement](#) 4

Bachelors of Human Movement and Nutrition Sciences / Science

BHMNSc *in combination with* BSc – Single major and Minor option

[Semester 1 commencement](#) 5

Bachelors of Human Movement and Nutrition Sciences / Science

BHMNSc *in combination with* BSc – Food Science and Nutrition single major option

[Semester 1 commencement](#) 6

Bachelors of Human Movement and Nutrition Sciences / Science

BHMNSc *in combination with* BSc – Psychology extended major option

[Semester 1 commencement](#) 7

Bachelors of Human Movement and Nutrition Sciences / Science

BHMNSc *in combination with* BSc - all plan options

[Semester 2 commencement](#) 8

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Semester 1 Commencement | Full Time Study Planner

BACHELOR OF HUMAN MOVEMENT AND NUTRITION SCIENCES				BACHELOR OF SCIENCE (single major)			
		Course Code	Course Name	Units	Course Code	Course Name	Units
Year 1	Semester 1	BIOM1050	Biology for Health Sciences	2	SCIE1000	Theory & Practice in Science	2
		CHEM1090 or CHEM1100	Introductory Chemistry Chemistry I	2	Level 1 Course ¹	Level 1 prerequisite/compulsory course for BSc major	2
	Semester 2	ANAT1005	Anatomical Basis of Human Movement	2	STAT1201 or STAT1301	Analysis of Scientific Data or Advanced Analysis of Scientific Data	2
		PHYL1007 or NUTR2003	Physiology for Human Movement Studies Nutrition in the Lifespan	2	Level 1 Course ¹	Level 1 prerequisite/compulsory course for BSc major	2
Year 2	Semester 1	BIOL1900	Biophysical Development, Measurement and Assessment	2	Level 1 Course ¹	Level 1 prerequisite/compulsory course for BSc major	2
		NUTR1023	Health & Fitness Through Diet and Exercise	2	Program Elective Course	Any level course from BSc course list	2
	Semester 2	HMST3846	Research Skills	2	Level 2 Course	Level 2 course from BSc major list	2
		HLTH1000	Professions, People and Healthcare	2	Program Elective Course	Any level course from BSc course list	2
Year 3	Semester 1	PHYL2730 or BIOM2011	Exercise Physiology Integrative Cell and Tissue Biology	2	Level 2 Course	Level 2 course from BSc major list	2
		NUTR2101	Nutrition Science	2	Level 2 Course	Level 2 course from BSc major list	2
	Semester 2	PSYC2000	Psychology of Sport and Exercise	2	Level 3 Course	Level 3 course from BSc major list	2
		HPRM2000	Promoting health through physical activity, exercise and diet	2	Level 3 Course	Level 3 course from BSc major list	2
Year 4	Semester 1	HMST1910	From Bradman to Freeman: Mythic Qualities of Australian Sport	2	Level 3 Course	Level 3 course from BSc major list	2
		NUTR3000	Nutrition and Exercise	2	Program Elective Course	Any level course from BSc course list	2
	Semester 2	HMST3191	Indigenous studies for sport, exercise, nutrition, and education	2	Level 3 Elective	Level 3 course from BSc course list	2
		HMST3103	Sport and Physical Activity Management	2	Level 3 Course	Level 3 course from BSc major list	2
Total Units				32	Total Units		32

¹ If chosen BSc major only requires 2 units of prerequisites, complete a course at any level from the BSc course list.

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Semester 1 Commencement | Full Time Study Planner

BACHELOR OF HUMAN MOVEMENT AND NUTRITION SCIENCES				BACHELOR OF SCIENCE (Extended major)			
	Course Code	Course Name	Units	Course Code	Course Name	Units	
Year 1	Semester 1	BIOM1050	Biology for Health Sciences	2	SCIE1000	Theory & Practice in Science	2
		CHEM1090 or CHEM1100	Introductory Chemistry Chemistry I	2	Level 1 Course ¹	Level 1 prerequisite/compulsory course for BSc extended major	2
	Semester 2	ANAT1005	Anatomical Basis of Human Movement	2	STAT1201 or STAT1301	Analysis of Scientific Data or Advanced Analysis of Scientific Data	2
		PHYL1007 or	Physiology for Human Movement Studies	2	Level 1 Course ¹	Level 1 prerequisite/compulsory course for BSc extended major	2
		NUTR2003	Nutrition in the Lifespan				
Year 2	Semester 1	BIOL1900	Biophysical Development, Measurement and Assessment	2	Level 1 Course ¹	Level 1 prerequisite/compulsory course for BSc extended major	2
		NUTR1023	Health & Fitness Through Diet and Exercise	2	Level 2 Course	Level 2 course from BSc extended major list	2
	Semester 2	HMST3846	Research Skills	2	Level 2 Course	Level 2 course from BSc extended major list	2
		HLTH1000	Professions, People and Healthcare	2	Level 2 Course	Level 2 course from BSc extended major list	2
Year 3	Semester 1	PHYL2730 or BIOM2011	Exercise Physiology Integrative Cell and Tissue Biology	2	Level 2 Course	Level 2 course from BSc extended major list	2
		NUTR2101	Nutrition Science	2	Level 2 Course	Level 2 course from BSc extended major list	2
	Semester 2	PSYC2000	Psychology of Sport and Exercise	2	Level 3 Course	Level 3 course from BSc extended major list	2
		HPRM2000	Promoting health through physical activity, exercise and diet	2	Level 3 Course	Level 3 course from BSc extended major list	2
Year 4	Semester 1	HMST1910	From Bradman to Freeman: Mythic Qualities of Australian Sport	2	Level 3 Course	Level 3 course from BSc extended major list	2
		NUTR3000	Nutrition and Exercise	2	Level 3 Course	Level 3 course from BSc extended major list	2
	Semester 2	HMST3191	Indigenous studies for sport, exercise, nutrition, and education	2	Level 3 Course	Level 3 course from BSc extended major list	2
		HMST3103	Sport and Physical Activity Management	2	Level 3 Course	Level 3 course from BSc extended major list	2
Total Units			32	Total Units			32
¹ If chosen BSc extended major only requires 2 units of prerequisites, complete a course at any level from the BSc course list.							

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Semester 1 Commencement | Full Time Study Planner

BACHELOR OF HUMAN MOVEMENT AND NUTRITION SCIENCES				BACHELOR OF SCIENCE (Single major + minor)			
	Course Code	Course Name	Units	Course Code	Course Name	Units	
Year 1	Semester 1	BIOM1050	Biology for Health Sciences	2	SCIE1000	Theory & Practice in Science	2
		CHEM1090 or CHEM1100	Introductory Chemistry Chemistry I	2	Level 1 Course ¹	Level 1 prerequisite/compulsory course for BSc major	2
	Semester 2	ANAT1005	Anatomical Basis of Human Movement	2	STAT1201 or STAT1301	Analysis of Scientific Data or Advanced Analysis of Scientific Data	2
		PHYL1007 or NUTR2003	Physiology for Human Movement Studies Nutrition in the Lifespan	2	Level 1 Course ¹	Level 1 prerequisite/compulsory course for BSc major	2
Year 2	Semester 1	BIOL1900	Biophysical Development, Measurement and Assessment	2	Level 1 Course ¹	Level 1 prerequisite/compulsory course for BSc major	2
		NUTR1023	Health & Fitness Through Diet and Exercise	2	Level 2 Course	Level 2 course from BSc major list	2
	Semester 2	HMST3846	Research Skills	2	Level 2 Course	Level 2 course from BSc major list	2
		HLTH1000	Professions, People and Healthcare	2	Minor	Course from BSc minor list	2
Year 3	Semester 1	PHYL2730 or BIOM2011	Exercise Physiology Integrative Cell and Tissue Biology	2	Level 2 Course	Level 2 course from BSc major list	2
		NUTR2101	Nutrition Science	2	Minor	Course from BSc minor list	2
	Semester 2	PSYC2000	Psychology of Sport and Exercise	2	Level 3 Course	Level 3 course from BSc major list	2
		HPRM2000	Promoting health through physical activity, exercise and diet	2	Level 3 Course	Level 3 course from BSc major list	2
Year 4	Semester 1	HMST1910	From Bradman to Freeman: Mythic Qualities of Australian Sport	2	Level 3 Course	Level 3 course from BSc major list	2
		NUTR3000	Nutrition and Exercise	2	Minor	Course from BSc minor list	2
	Semester 2	HMST3191	Indigenous studies for sport, exercise, nutrition, and education	2	Minor Level 3 Course ²	Level 3 course from minor list	2
		HMST3103	Sport and Physical Activity Management	2	Level 3 Course	Level 3 course from BSc major list	2
Total Units			32	Total Units			32

For the BSc component of the dual program, students completing a single major + minor will require one of the following due to amount of units required:

- Complete a Level 3 (or higher) course towards the minor*; or
- Count 2 units towards both the major and minor requirements (excluding Level 3 courses); or
- Only 2 units of prerequisite courses for the major.

*Option (a) is displayed in the study planner above.

¹ If chosen BSc major only requires 2 units of prerequisites, complete course from BSc minor

² If already completed requirements for minor, must complete a Level 3 course from BSc course list.

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Semester 1 Commencement | Full Time Study Planner

BACHELOR OF HUMAN MOVEMENT AND NUTRITION SCIENCES				BACHELOR OF SCIENCE (Food Science and Nutrition single major)		
	Course Code	Course Name	Units	Course Code	Course Name	Units
Year 1	Semester 1					
	BIOM1050 ¹	Biology for Health Sciences	2	SCIE1000	Theory & Practice in Science	2
	CHEM1090 ¹ or CHEM1100 ¹	Introductory Chemistry Chemistry I	2	BIOL1020	Genes, Cells & Evolution	2
	Semester 2					
	ANAT1005 ¹	Anatomical Basis of Human Movement	2	CHEM1221 ¹	General, Organic & Biological Chemistry	2
Year 2	PHYL1007 or NUTR2003	Physiology for Human Movement Studies Nutrition in the Lifespan	2	STAT1201 or STAT1301	Analysis of Scientific Data or Advanced Analysis of Scientific Data	2
	Semester 1					
	BIOL1900 ¹	Biophysical Development, Measurement and Assessment	2	FOOD1001	Principles of Food Preservation	2
	NUTR1023	Health & Fitness Through Diet and Exercise	2	BIOC2000 ¹	Biochemistry & Molecular Biology	2
	Semester 2					
Year 3	HMST3846 ¹	Research Skills	2	FOOD3011	Food Product Development	2
	HLTH1000	Professions, People and Healthcare	2	MICR2001	Food Microbiology I	2
	Semester 1					
	PHYL2730 ¹ or BIOM2011 ¹	Exercise Physiology Integrative Cell and Tissue Biology	2	CHEM2003	Food Chemistry	2
	NUTR2101 ¹	Nutrition Science	2	NUTR3011 ¹	Understanding Population Nutrition	2
Year 4	Semester 2					
	PSYC2000 ¹	Psychology of Sport and Exercise	2	NUTR3012 ¹	Community and Public Health Nutrition	2
	HPRM2000	Promoting health through physical activity, exercise and diet	2	BIOM2012 ¹	Systems Physiology	2
	Semester 1					
	HMST1910	From Bradman to Freeman: Mythic Qualities of Australian Sport	2	FOOD3000	Functional Foods & Nutraceuticals	2
Year 5	NUTR3000	Nutrition and Exercise	2	FOOD2000 ¹	Food Science	2
	Semester 2					
	HMST3191	Indigenous studies for sport, exercise, nutrition, and education	2	NUTR3201 ¹	Advanced Nutrition Sciences	2
	HMST3103	Sport and Physical Activity Management	2	BIOC3006 ¹	Biochemistry of Metabolism in Health & Disease	2
	Total Units		32	Total Units		32

¹ Satisfies entry requirements for Master of Dietetics Studies (MDietSt)

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Semester 1 Commencement | Full Time Study Planner

BACHELOR OF HUMAN MOVEMENT AND NUTRITION SCIENCES				BACHELOR OF SCIENCE (Psychology extended major)			
	Course Code	Course Name	Units	Course Code	Course Name	Units	
Year 1	Semester 1	BIOM1050	Biology for Health Sciences	2	SCIE1000	Theory & Practice in Science	2
		CHEM1090 or CHEM1100	Introductory Chemistry Chemistry I	2	PSYC1030	Introduction to Psychology: Developmental, Social & Clinical Psychology	2
	Semester 2	ANAT1005	Anatomical Basis of Human Movement	2	Program Elective Course	Any level course from BSc course list	2
		PHYL1007 or NUTR2003	Physiology for Human Movement Studies Nutrition in the Lifespan	2	NEUR1020	The Brain and Behavioural Sciences	2
Year 2	Semester 1	BIOL1900	Biophysical Development, Measurement and Assessment	2	PSYC1040 ¹	Psychological Research Methodology I	2
		NUTR1023	Health & Fitness Through Diet and Exercise	2	PSYC2030	Developmental Psychology	2
	Semester 2	HMST3846	Research Skills	2	PSYC2040	Social & Organisational Psychology	2
		HLTH1000	Professions, People and Healthcare	2	PSYC2010 ¹	Psychological Research Methodology II	2
Year 3	Semester 1	PHYL2730 or BIOM2011	Exercise Physiology Integrative Cell and Tissue Biology	2	NEUR2020	Neuroscience for Psychologists	2
		NUTR2101	Nutrition Science	2	PSYC2050	Learning & Cognition	2
	Semester 2	PSYC2000	Psychology of Sport and Exercise	2	PSYC3020	Measurement in Psychology	2
		HPRM2000	Promoting health through physical activity, exercise and diet	2	Level 3 Course	Level 3 elective course from BSc extended major list	2
Year 4	Semester 1	HMST1910	From Bradman to Freeman: Mythic Qualities of Australian Sport	2	PSYC3010	Psychology Research Methodology III	2
		NUTR3000	Nutrition and Exercise	2	PSYC3102	Psychopathology	2
	Semester 2	HMST3191	Indigenous studies for sport, exercise, nutrition, and education	2	Level 3 Course	Level 3 elective course from BSc extended major list	2
		HMST3103	Sport and Physical Activity Management	2	Level 3 Course	Level 3 elective course from BSc extended major list	2
Total Units			32	Total Units			32

¹ Students who complete PSYC1040 and PSYC2010 towards the Psychology single or extended major are exempt from STAT1201.

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Semester 2 Commencement | Full Time Study Planner

BACHELOR OF HUMAN MOVEMENT AND NUTRITION SCIENCES				BACHELOR OF SCIENCE			
	Course Code	Course Name	Units	Course Code	Course Name	Units	
Year 1	Semester 2	ANAT1005	Anatomical Basis of Human Movement	2	STAT1201 or STAT1301	Analysis of Scientific Data or Advanced Analysis of Scientific Data	2
		HLTH1000	Professions, People and Healthcare	2	Level 1 Course ¹	Level 1 prerequisite/compulsory course for BSc major	2
Year 2	Semester 1	BIOM1050	Biology for Health Sciences	2	SCIE1000	Theory & Practice in Science	2
		BIOL1900	Biophysical Development, Measurement and Assessment	2	Level 1 Course ¹	Level 1 prerequisite/compulsory course for BSc major	2
	Semester 2	PHYL1007 or NUTR2003	Physiology for Human Movement Studies Nutrition in the Lifespan	2	For the BSc component (all 3 options), students can follow the Semester 1 commencement planners. Students may choose to swap semester for STAT1201 and SCIE1000 (as seen above). SCIE1000 and STAT1201 are offered in Semester 1, 2 and Summer Semester.		
		HMST3846	Research Skills	2	Note: STAT1301 is offered in Semester 2 only.		
Year 3	Semester 1	SPCG1000 or CHEM1090 or CHEM1100	Sports Coaching Introductory Chemistry Chemistry I	2			2
		NUTR1023	Health & Fitness Through Diet and Exercise	2			2
	Semester 2	HPRM2000	Promoting health through physical activity, exercise and diet	2			2
		PSYC2000	Psychology of Sport and Exercise	2			2
Year 4	Semester 1	NUTR2050	Contemporary Topics in Nutrition	2			2
		PHYL2730 or BIOM2011	Exercise Physiology Integrative Cell and Tissue Biology	2			
	Semester 2	HMST3191	Indigenous studies for sport, exercise, nutrition, and education	2			2
		HMST3103	Sport and Physical Activity Management	2			2
Year 5	Semester 1	HMST1910	From Bradman to Freeman: Mythic Qualities of Australian Sport	2			2
		NUTR3000	Nutrition and Exercise	2			2
Total Units			32	Total Units			32