LA TROBE College Australia

Diploma of Health Sciences (LDHS)

Course Outline

Version: 5

Contents

1. Summary Information 3
2. Course Overview....4
3. Course learning outcomes 4
4. Level of Award 4
5. Program Duration....4
6. Entry requirements....4
   (a) Academic Entry Requirements: 4
   (b) Minimum age requirement: 4
   (c) English language requirement: 4
   (d) Pre-requisite / assumed knowledge: 4
7. Program approval....4
8. Program Structure 5
   a) Study Plans according to Bachelor Course: 8
   b) Overview of Subjects: 15
9. Rules for Program Completion 33
10. Program articulations....33
11. Facilities and Resources....33
12. Measurement of student outcomes 34
   (a) Grading Scale....34
13. Articulation options....34

DIPLOMA OF HEALTH SCIENCES (LDHS)

1. Summary Information

Program Title	Diploma of Health Sciences
Home campus:	Bundoora
Award “ownership”	La Trobe College Australia
Year and trimester of introduction	Trimester 2 2020
Total Credit Points	120 Credit points
Mode of Delivery	Face to Face on Campus
Intake Trimesters	Trimester 1, 2 and 3
Duration	28 weeks (Full time) or equivalent
Articulation options	La Trobe University: Bachelor of Health Science Bachelor of Nursing Bachelor of Food and Nutrition Bachelor of Occupational Therapy (Honours) Bachelor of Orthoptics (Honours) Bachelor of Paramedic Practice (Honours) Bachelor of Physiotherapy (Honours) Bachelor of Prosthetics and Orthotics (Honours) Bachelor of Podiatry (Honours) Bachelor of Speech Pathology (Honours)

2. Course Overview

The Diploma of Health Sciences provides an introduction into a range of health professions and can help you discover your ideal role in the rapidly evolving health sector.

You'll be introduced to the anatomical organisation of the body, the basics of cell structure and function, and the fundamentals of the nervous and endocrine systems. You'll also begin to learn how the particular characteristics and actions of a person can impact health and welfare.

3. Course learning outcomes

1. Provide a foundation for applying theoretical knowledge in the areas of public and individual health issues by the understanding of physiology and anatomy and the range of issues in the health environment.
2. Demonstrate oral presentation skills using appropriate technologies and visual tools.
3. Use correct terminology from physiology and anatomy when communicating in a health science environment.
4. Discuss the interactions between health, social perceptions of disease, and other societal structures and institutions.
5. Discuss and apply communication skills in conflict situations.
6. Identify, discuss and interpret selected research outcomes and basic statistics from peer-reviewed journal articles, or other forms of evidence-based material.

4. Level of Award

This is a Higher Education, Australian Qualifications Framework Level AQF 5.

5. Program Duration

The program can be completed in two or three trimesters.

6. Entry requirements

(a) Academic Entry Requirements:

- Completion of Year 12 with satisfactory ATAR score or completion of Foundation Studies program.

(b) Minimum age requirement:

- 17 years

(c) English language requirement:

- IELTS Academic overall score of 6.0 (no band less than 5.5)

(d) Pre-requisite / assumed knowledge:

- Units 3 and 4: satisfactory completion of any English.

7. Program approval

La Trobe College Australia Academic Board and TEQSA.

8. Program Structure

Students are expected to successfully complete 4 core subjects and 4 elective subjects to a total of 120 credit points.

Trimester	Subject Code	Name of Subject	Core / Elective	Credit points
1	LTM1AIM	Academic Integrity Module	Required	0
1 or 2 or 3	HHBS1HBA	Human Biosciences A	Core	15
1 or 2 or 3	HHLT1RAE	Research and Evidence in Practice	Core	15
1 or 2 or 3	HPHE1UHW	Understanding Health and Wellbeing	Core	15
1 or 2 or 3	HSTM1001	Making Sense of Data	Core	15
1 or 2 or 3	HPHE1005	Principles of Public Health	Elective	15
1 or 2 or 3	HPHE1007	Introduction to Health Promotion	Elective	15
1 or 2 or 3	HHLT1FPC	Foundations of Professional Communication	Elective	15
1 or 2 or 3	HHBS1HBB	Human Bioscience B	Elective	15
1 or 2	SBIO1MGC	Molecules, Genes and Cells	Elective	15
1 or 2[?]	HDTN101	Introduction to Nutrition	Elective	15
2 or 3[?]	HDTN103	Food Security and Sustainable Food Systems	Elective	15
1 or 2 or 3	SCHE1CHF	Chemistry Foundations	Elective	15
1 or 2 or 3	PPSY1SFP	Scientific Foundations of Psychology	Elective	15
1 or 2 or 3	PPSY1PAC	Introductory Psychology: People and Culture	Elective	15

Required 0 credit point module:
All students are required to take and successfully pass **LTM1AIM Academic Integrity Module** in their first trimester of study. ✪

✪ LTM1AIM does not count towards your study load and is a wholly online module. Completion (prior to week 4) is a requirement to pass your diploma; this module is expected to take about 1 hour.

Expected Subject Availability Per Academic Trimester

Core Units – Students must complete the following units:

Subject		Trimester 1	Trimester 2	Trimester 3
HHLT1RAE	Research and Evidence in Practice	✓	✓	✓
HPHE1UHW	Understanding Health and Wellbeing	✓	✓	✓
HHBS1HBA	Human Biosciences A ☑	✓	✓	✓
HSTM1001	Making Sense of Data ☑☑	✓	✓	✓

Elective Units – Students must complete four of the following units:

Subject		Trimester 1	Trimester 2	Trimester 3
HPHE1005	Principles of Public Health *	✓	✓	✓
HPHE1007	Introduction to Health Promotion *	✓	✓	✓
HHLT1FPC	Foundations of Professional Communication ****	✓	✓	✓
HHBS1HBB	Human Bioscience B**** ☑	✓	✓	✓
SBIO1MGC	Molecules, Genes and Cells	✓	✓	✗
SCHE1CHF	Chemistry Foundations **	✓	✓	✗
HDTN101	Introduction to Nutrition ** ☑☑	✓?	✓?	✗
HDTN103	Food Security and Sustainable Food Systems ** ☑☑	✗	✓?	✓?
PPSY1SFP	Scientific Foundations of Psychology ☑☑☑☑	✓	✓	✗
PPSY1PAC	Introductory Psychology: People and Culture ☑☑☑☑	✗	✓	✓

☑ *HHBS1HBA Human Biosciences A must be successfully completed before students may enrol in HHBS1HBB Human Biosciences B*

☑☑ *HDTN101 Introduction to Nutrition must be successfully completed before students may enrol in HDTN103 Food Security and Sustainable Food Systems*

☑☑☑ *HSSTM1001 Making Sense of Data must be successfully completed before students may enrol in HHIM1002 Introduction to Data Analytics in Healthcare*

☑☑☑☑ *PPSY1SFP Scientific Foundations of Psychology must be successfully completed before students may enrol in PPSY1PAC Introductory Psychology: People and Culture*

* *Required subject for students wishing to pathway into all Bachelors other than Bachelor of Food and Nutrition and Bachelor of Health Information Management*

** *Required subject for students wishing to pathway into the Bachelor of Food and Nutrition*

*** *Required subject for students wishing to pathway into the Bachelor of Health Information Management*

***** Required subject for students wishing to pathway into the Bachelor of Nursing and all Allied Health Bachelor pathways*

[?] Availability of HDTN101 and HDTN103 is yet to be confirmed; please check availability during registration/subject-selection dates.

Limits and requirements may exist for elective subjects.

a) Study Plans according to Bachelor Course:

Suggested study plan for students wishing to progress to
Bachelor of Health Sciences◎
Bachelor of Nursing ⊙
Bachelor of Occupational Therapy (Honours) ⊙
Bachelor of Orthoptics (Honours) ⊙
Bachelor of Paramedic Practice (Honours) ⊙
Bachelor of Physiotherapy (Honours) ⊙
Bachelor of Prosthetics and Orthotics (Honours) ⊙
Bachelor of Podiatry (Honours) ⊙
Bachelor of Speech Pathology (Honours) ⊙

Students have the option to complete their course over 8 months (Fast track) or 12 months (normal track – highly recommended).
◎ Please Note: Check recommended elective subject requirements for major below.
⊙ Please Note: Check required elective subject requirements for Bachelor below.

YEAR 1 (DIPLOMA)	***Normal Track (Completing In 12 months/3 trimesters)***			
	COMPULSORY ONLINE SUBJECT (must be completed in your first trimester of study) **LTM1AIM -** Academic Integrity Module			
	Trimester 1	**HSTM1001 (Core)**	**HHBS1HBA (Core)**	**HPHE1UHW (Core)**
		Making Sense of Data	Human Biosciences A	Understanding Health and Wellbeing
	Trimester 2	**HHLT1RAE (Core)**	**HPHE1005 (Required Elective)**	**HHLT1FPC (Recommend Elective)**
		Research and Evidence in Practice	Principles of Public Health	Foundations of Professional Communication
	Trimester 3	**HHBS1HBB (Recommend Elective)**	**HPHE1007 (Required Elective)**	
		Human Biosciences B	Introduction to Health Promotion	

YEAR 1 (DIPLOMA)	***Fast Track (Completing In 8 months/2 trimesters)***				
	COMPULSORY ONLINE SUBJECT (must be completed in your first trimester of study) **LTM1AIM -** Academic Integrity Module				
	Trimester 1	**HSTM1001** **(Core)**	**HHBS1HBA** **(Core)**	**HPHE1005** **(Required Elective)**	**HPHE1UHW** **(Core)**
		Making Sense of Data	Human Biosciences A	Principles of Public Health	Understanding Health and Wellbeing
	Trimester 2	**HHLT1RAE** **(Core)**	**HHBS1HBB** **(Recommend Elective)**	**HPHE1007** **(Required Elective)**	**HHLT1FPC** **(Recommend Elective)**
		Research and Evidence in Practice	Human Biosciences B	Introduction to Health Promotion	Foundations of Professional Communication

On Choice of Recommended Electives:

Students seeking entry to the following bachelor degrees and Bachelor of Health Science majors are required to successfully complete:

All students on study plan Bachelor of Health Science (Health promotion major) Bachelor of Health Science (Public Health major)	HPHE1005	Principles of Public Health
	HPHE1007	Introduction to Health Promotion

Students seeking entry to the following bachelor degrees are required to successfully complete:

Bachelor of Nursing Bachelor of Occupational Therapy (Honours) Bachelor of Orthoptics (Honours) Bachelor of Paramedic Practice (Honours) Bachelor of Physiotherapy (Honours) Bachelor of Prosthetics and Orthotics (Honours) Bachelor of Podiatry (Honours) Bachelor of Speech Pathology (Honours) Bachelor of Health Science (Allied Health major)	HHLT1FPC	Foundations of Professional Communication
	HHBS1HBB	Human Bioscience B

Students seeking entry to the following Bachelor of Health Science majors are required successfully complete:

Bachelor of Health Science (Allied Health major)	HHLT1FPC	Foundations of Professional Communication
	HHBS1HBB	Human Bioscience B
Bachelor of Health Science (Food and Nutrition major)	HDTN101	Introduction to Nutrition
	HDTN103	Food Security and Sustainable Food Systems
Bachelor of Health Science (Psychological Science major)	PPSY1SFP	Scientific Foundations of Psychology
	PPSY1PAC	Introductory Psychology: People and Culture
Bachelor of Health Science (Human physiological sciences major)	SBIO1MGC	Molecules, Genes and Cells
	HHBS1HBB	Human Bioscience B

Subject and progression pre-requisites apply. Limits and requirements may exist for elective subjects.

Suggested study plan for students wishing to progress to Bachelor of Food and Nutrition Bachelor of Health Science (Food and Nutrition major)

Students have the option to complete their course over 8 months (Fast track) or 12 months (normal track – highly recommended).

YEAR 1 (DIPLOMA)	***Normal Track (Completing In 12 months/3 trimesters)***			
	COMPULSORY ONLINE SUBJECT (must be completed in your first trimester of study) **LTM1AIM -** Academic Integrity Module			
	Trimester 1	**HSTM1001** **(Core)**	**HHBS1HBA** **(Core)**	**SCHE1CHF⇳** **(Required Elective)**
		Making Sense of Data	Human Biosciences A	Chemistry Foundations
	Trimester 2	**HHLT1RAE** **(Core)**	**HPHE1UHW⇳** **(Core)**	**HDTN101** **(Required Elective)**
		Research and Evidence in Practice	Understanding Health and Wellbeing	Introduction to Nutrition
	Trimester 3	**HHBS1HBB** **(Required Elective)**	**HDTN103** **(Required Elective)**	
		Human Biosciences B	Food Security and Sustainable Food Systems	

Fast Track: Currently unavailable in Trimester 1, 2025 for new incoming students; please see future updates. Continuing students should speak to their Academic Coordinator.

Normal Track: Only offered in Trimester 1 and Trimester 3 of academic year

⇳ If starting in Trimester 3 of academic year, swap HPHE1UHW and SCHE1CHF

When I transfer to La Trobe University I want to study:

Bachelor of Health Sciences

Quota: No quota
WAM requirement: 50% overall
Campus: Bundoora
Credits: 8 Units
English requirement (International students only): Nil
Majors: Health Promotion; Public Health; Allied Health; Food and Nutrition; Digital Health Psychological Science.
Required Elective Units:

Bachelor of Health Science (Health promotion major) Bachelor of Health Science (Public Health major)	HPHE1005	Principles of Public Health
	HPHE1007	Introduction to Health Promotion
Bachelor of Health Science (Allied Health major)	HHLT1FPC	Foundations of Professional Communication
	HHBS1HBB	Human Bioscience B
Bachelor of Health Science (Psychological Science major)	PPSY1SFP	Scientific Foundations of Psychology
	PPSY1PAC	Introductory Psychology: People and Culture
Bachelor of Health Science (Human physiological sciences major)	SBIO1MGC	Molecules, Genes and Cells
	HHBS1HBB	Human Bioscience B

Bachelor of Nursing

Quota: 138 students *(Eligible students ranked by WAM; placements assigned to highest WAMs)*
WAM requirement: 65% overall
(WAM under review - Minimum advised: WAM >70% based on previous years' intakes after quotas have been filled)
Campus: Bundoora = 80 places; Bendigo = 20 places; Mildura = 10 places;
Shepparton = 10 places; Albury-Wodonga = 18 places
(*Quotas may be updated based on advice from La Trobe University*)
Credits: 8 Units
English requirement (International students only): Overall IELTS 7.0 no band less than 7.0 (can be across 2 sittings in a six-month period, but no score below 6.5 and overall 7.0 in both tests)
OR
PTE Academic - Applicants must achieve a minimum overall score of 65 and a minimum score of 65 in each of the four communicative skills (listening, reading, writing and speaking). NOTE - We will only accept test results:

1. from one test sitting, or
2. a maximum of two test sittings in a six-month period only if:
   - a minimum overall score of 65 is achieved in each sitting, and
   - you achieve a minimum score of 65 in each of the communicative skills across the two sittings, and
   - no score in any of the communicative skills is below 58

All English proficiency test results must have an expiry date that extends beyond the start date of your Bachelor program.
English requirement (Local students only): Local students must submit a declaration of completion of six years of schooling in English including at least 2 years of secondary school in English in one of the following countries: Australia New Zealand, South Africa, United States, Canada, Republic of Ireland or United Kingdom.
Completed declaration must be submitted by final trimester of diploma. *This is a separate declaration from that made at diploma entry.*
OR
Overall IELTS 7.0 no band less than 7.0 (can be across 2 sittings in a six-month period, but no score below 6.5 and overall 7.0 in both tests)
OR

PTE Academic - Applicants must achieve a minimum overall score of 65 and a minimum score of 65 in each of the four communicative skills (listening, reading, writing and speaking). NOTE - We will only accept test results:

1. from one test sitting, or
2. a maximum of two test sittings in a six-month period only if:
   - a minimum overall score of 65 is achieved in each sitting, and
   - you achieve a minimum score of 65 in each of the communicative skills across the two sittings, and
   - no score in any of the communicative skills is below 58

All English proficiency test results must have an expiry date that extends beyond the start date of your Bachelor program.

Required Elective Units: Foundations of Professional Communication (HHLT1FPC) and Human Biosciences B (HHBS1HBB)

Required Study plan: LDHS-LDHS-*N/F*:Diploma of Heath Sciences (Nursing)

Bachelor of Food and Nutrition

Quota: 5 students *(Eligible students ranked by WAM; placements assigned to highest WAMs)*

WAM requirement: 70% overall and
minimum of 70% in HHBS1HBA Human Bioscience A and HHBS1HBB Human Bioscience B

Campus: Bundoora

Credits: 7 subjects, students will require 3 years after their Diploma to complete this course

English requirement (International students only): Nil

Required Elective Units: Chemistry Foundations (SCHE1CHF) and Introduction to Nutrition (HDTN101) and Food Security and Sustainable Food Systems (HDTN103)

Required Study plan: LDHS-LDHS-*N/F*:Diploma of Heath Sciences (Food and Nutrition)

Bachelor of Occupational Therapy (Honours)

Quota: 5 students *(Eligible students ranked by WAM; placements assigned to highest WAMs)*

WAM requirement: 75% overall

Campus: Bundoora

Credits: 5 subjects, students will require 4 years after their Diploma to complete this course

English requirement (International students only): Overall IELTS 7.0 no band less than 7.0
All English proficiency test results must have an expiry date that extends beyond the start date of your Bachelor program.

NOTE: Students will be required to complete additional first year subject in the winter semester of their first year at La Trobe University

Required Elective Units: Foundations of Professional Communication (HHLT1FPC) and Human Biosciences B (HHBS1HBB)

Bachelor of Orthoptics (Honours)

Quota: 2 students *(Eligible students ranked by WAM; placements assigned to highest WAMs)*

WAM requirement: 70% overall

Campus: Bundoora

Credits: 5 subjects, students will require 4 years after their Diploma to complete this course

English requirement (International students only): Nil

Required Elective Units: Foundations of Professional Communication (HHLT1FPC) and Human Biosciences B (HHBS1HBB)

Bachelor of Paramedic Practice (Honours) – BENDIGO CAMPUS

Quota: 5 students *(Eligible students ranked by WAM; placements assigned to highest WAMs)*

WAM requirement: 70% overall

Campus: Bendigo

Credits: 5 subjects

English requirement (International students only): Overall IELTS 7.0 no band less than 7.0
All English proficiency test results must have an expiry date that extends beyond the start date of your Bachelor program.

Required Elective Units: Foundations of Professional Communication (HHLT1FPC) and Human Biosciences B (HHBS1HBB)

Bachelor of Physiotherapy (Honours)

Quota: 5 students *(Eligible students ranked by WAM; placements assigned to highest WAMs)*
WAM requirement: 80% overall and
minimum of 75% in HHBS1HBA Human Bioscience A and HHBS1HBB Human Bioscience B
Campus: Bundoora
Credits: 5 subjects, students will require 4 years after their Diploma to complete this course
English requirement (International students only): Overall IELTS 7.0 no band less than 7.0
All English proficiency test results must have an expiry date that extends beyond the start date of your Bachelor program.
Required Elective Units: Foundations of Professional Communication (HHLT1FPC) and Human Biosciences B (HHBS1HBB)

Bachelor of Podiatry (Honours)

Quota: 6 students *(Eligible students ranked by WAM; placements assigned to highest WAMs)*
WAM requirement: 70% overall
Campus: Bundoora
Credits: 5 subjects, students will require 4 years after their Diploma to complete this course
English requirement (International students only): Overall IELTS 7.0 no band less than 7.0
All English proficiency test results must have an expiry date that extends beyond the start date of your Bachelor program.
Required Elective Units: Foundations of Professional Communication (HHLT1FPC) and Human Biosciences B (HHBS1HBB)

Bachelor of Prosthetics and Orthotics (Honours)

Quota: 2 students *(Eligible students ranked by WAM; placements assigned to highest WAMs)*
WAM requirement: 80% overall and
minimum of 75% in HHBS1HBA Human Bioscience A and HHBS1HBB Human Bioscience B
Campus: Bundoora
Credits: 5 subjects, students will require 4 years after their Diploma to complete this course
English requirement (International students only): Overall IELTS 7.0 no band less than 6.5
All English proficiency test results must have an expiry date that extends beyond the start date of your Bachelor program.
Required Elective Units: Foundations of Professional Communication (HHLT1FPC) and Human Biosciences B (HHBS1HBB)

Bachelor of Speech Pathology (Honours)

Quota: 5 students *(Eligible students ranked by WAM; placements assigned to highest WAMs)*
WAM requirement: 80% overall
Campus: Bundoora
Credits: 6 subjects, students will require 4 years after their Diploma to complete this course
English requirement (International students only): Overall IELTS 7.5 no band less than 7.0
All English proficiency test results must have an expiry date that extends beyond the start date of your Bachelor program.
Required Elective Units: Foundations of Professional Communication (HHLT1FPC) and Human Biosciences B (HHBS1HBB)

b) Overview of Subjects:

HHBS1HBA Human Biosciences A

In this subject, students will be introduced to the anatomical organisation of the body and the basics of cell structure and function. The fundamentals of the nervous and endocrine systems will then be explored in the context of mechanisms of physiological control. This information will provide the foundation for the study of the major organ systems of the body, which include the respiratory, cardiovascular, renal, digestive, reproductive systems and metabolism. Underpinning these studies will be the concept of homeostasis and how it is maintained by integration of organ system functions. In addition, students are required to engage in guided, independent learning throughout the semester to extend their level of knowledge in the topic areas described above.

Subject Learning Outcomes

1. Relate the anatomical organization of the human body to whole body functions. You will be able to:
   (a) Describe the hierarchical body structure from cells to organ systems.
   (b) Describe the body boundaries where exchange of matter between the internal and the external environment occurs.
   (c) Describe the body fluid compartments.
   (d) Explain how specialized functions result from the different structures of the various cell and tissue types.
2. Explain how cellular activity contributes to the function of organs and the body as a whole. You will be able to:
   (a) Explain the different capacities of substances to cross the plasma membrane of cells.
   (b) Describe the relationship between genes and proteins, and cellular function.
   (c) Explain the basis of cellular differentiation and specialization.
   (d) Describe ways in which energy in food becomes available for cellular activities.
3. Explain how a given body system contributes to homeostasis under normal conditions. You will be able to:
   (a) Describe how the major organ systems of the body function.
   (b) Explain how communication between cells controls body system functions.
   (c) Describe how, under normal conditions, each of the major organ systems contribute to the maintenance of a stable internal environment.
4. Use appropriate skills to achieve significant outcomes in a Human Bioscience inquiry. You will be able to:
   (a) Interpret information presented as tables, graphs and diagrams.
   (b) Use correct terminology from physiology and anatomy when communicating in a health science environment.
   (c) Work effectively in a collaborative team.
   (d) Use laboratory or other equipment to make accurate physiological observations and develop reasonable inferences.
   (e) Identify what you know, determine your own and your team's learning needs and develop strategies to address these.

HHBS1HBA Human Biosciences A cont.

Class requirements

Timetabled hours per week (5 hours)

- One 2-hour lecture per week (blended)
- One 3-hour workshop per week (blended)

All sessions for this subject are delivered on campus; students are expected to attend campus as their primary learning mode.

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
Workshop quizzes online x 10	10% total	1-4	1, 3-5
Online tests x 2	50% total (25% each)	1-4	1, 3, 4
Final examination (Part A & B)	40% total (20% each)	1-4	1, 3, 4

HHLT1RAE Research and Evidence in Practice

This subject is an introduction to the use of research-based evidence in professional health care practice. Working in interprofessional teams and using a range of case scenarios, students will develop research skills in areas relevant to their field of practice. Through online activities and workshops, students will learn about the role of evidence-based practice in health. Areas of study include systematic approaches to acquiring evidence, critical appraisal of the literature, interpretation of research design, descriptive and inferential statistics and assessment of research outcomes. Students will learn how an evidence-based approach in health informs clinical practice. Students will develop research skills to determine the most appropriate intervention techniques for application in a given clinical population, while understanding the complex interaction between social, economic and environmental influences that contribute to sustainability thinking in health research.

Subject Learning Outcomes

1. Explain the different forms and roles of evidence in health care practice, including the key stages of research development.
2. Utilise systematic search methods to obtain, interpret and summarise key design elements of peer-reviewed journal articles or other forms of evidence-based material.
3. Identify, discuss, and interpret selected research outcomes and basic statistics from peer- reviewed journal articles, or other forms of evidence-based material, and estimate the relevance and importance of these outcomes to consumers.
4. Demonstrate verbal, writing, and digital media skills that effectively communicate research- based guidance.
5. Demonstrate capacity to engage in an evidence-based approach to critically evaluate health-related challenges to promote sustainable thinking and problem solving in the contemporary world.

Class requirements

Timetabled hours per week (4 hours)

- One 2-hour lecture per week (blended)
- One 2-hour tutorial per week (blended)

All sessions for this subject are delivered on campus; students are expected to attend campus as their primary learning mode.

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
15 Minute Online Test x 2	10% total (5% each)	1-4	1, 3, 4
30 Minute Online Test x 2	20% total (10% each)	1-4	1, 3, 4
Article Summary	15%	2, 4	1-6
Academic Essay (1500 words)	30%	2, 4, 5	1-6
Research Report (600 words)	25%	3, 4, 5	1-6

HPHE1UHW Understanding Health and Wellbeing

In this subject, you will develop a broad understanding of health and wellbeing, examining key theories that underpin concepts in contemporary health and wellbeing. You will investigate the complex range of interactions that influence the health and wellbeing of individuals, communities, and populations. As health is a dynamic concept, you will further examine the social, environmental, and biomedical determinants of health and wellbeing within an Australian and global context.

Subject Learning Outcomes

1. Describe the key perspectives and theories of health and wellbeing.
2. Identify and explain the determinants of health and how they influence health and wellbeing of individuals, communities, and populations
3. Discuss the contemporary issues of health and wellbeing in an Australian and global context
4. Analyse the role of various health practitioners in health care systems and health promotion settings to facilitate optimal health and wellbeing.

Class requirements

Timetabled hours per week (4 hours)

- One 2-hour lecture/content building session per week (blended)
- One 2-hour tutorial per week (blended)

All sessions for this subject are delivered on campus; students are expected to attend campus as their primary learning mode.

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
Test 1. 30-minute online test	10%	1, 2, 3	1, 3, 4
Media Analysis. 800-word written report.	25%	1 ,2, 3	1-6
Test 2. 30-minute online test	10%	1, 2, 3	1, 3, 4
1500-word individual written report. Health and Wellbeing Plan Review.	45%	2, 3, 4	1, 3, 4, 6
Test 3. 30-minute online test	10%	1, 3, 4	1, 3, 4

HSTM1001 Making Sense of Data

This subject introduces students to modern data analytics, visualisation, and statistics. It equips students with the skills required to take advantage of powerful computing for the analysis and visualisation of complex data. These skills are used to solve problems in areas such as the biological sciences, medical sciences, agricultural sciences, nutrition, health sciences, education, and business. Students will become familiar with data visualisation and computing, descriptive statistics, statistical modelling, and data-based decision making. Using statistical computing packages is an integral part of this subject. This subject allows further study in second-year subjects in statistics and data science.

Subject Learning Outcomes

1. Convert data into useful information by using appropriate numerical and graphical summaries.
2. Calculate probabilities and other quantities from discrete and continuous probability distributions.
3. Identify and apply appropriate statistical inference methods for decision making.
4. Compute, display, and interpret numerical and graphical summaries, probabilities and various statistical inference procedures using one or more statistical software package(s).
5. Apply data visualisation skills and/or statistical knowledge in a chosen applied field of study.

Class requirements

Timetabled hours per week (5 hours)

- One 2-hour lecture per week (blended)
- One 2-hour computer workshop per week (blended)
- One 2-hour tutorial per week (blended)

All sessions for this subject are delivered on campus; students are expected to attend campus as their primary learning mode.

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
6 x Online quizzes	30% total	1, 2, 3, 4	3, 6
3 x Written assignments	45% total	3, 4, 5	1, 3, 4-6
Final Exam	25%	1, 2, 3, 4	1, 3, 6

Electives

HPHE1005 Principles of Public Health

(Required elective for all students on Bachelor of Health Sciences, Bachelor of Bachelor of Nursing, and all indicated Allied Health Pathways)

This subject introduces you to the concepts and principles of public health as they relate to various times in history and diverse contexts, populations and health challenges. You will acquire an understanding of the environmental, sociocultural, political, economic, technological, organisational, behavioural and genetic factors that interact to shape the health of communities and populations. You will identify and evaluate the range, strengths and weaknesses of evidence that informs public health policies, programs and practice, along with major ethical considerations. Public health successes and failures, and contemporary approaches to protecting and improving health, preventing and controlling disease and injury, and reducing health inequalities will be explored. These will reveal core functions of public health systems such as surveillance and monitoring.

Subject Learning Outcomes

1. Introduce and critically analyse the various concepts, values and strategies relating to public health in Australia and internationally.
2. Outline the often conflicting roles and interests held by the various stakeholders engaged in or affected by public health activities.
3. Critically articulate the applicability of various public health strategies across levels of society.
4. Engage with colleague to examine the strengths and limitations of public health as a discipline with regards to working with vulnerable communities within societies.

Class requirements

Timetabled hours per week (4 hours)

- One 2-hour lecture/content building session per week (blended)
- One 2-hour tutorial per week (blended)

All sessions for this subject are delivered on campus; students are expected to attend campus as their primary learning mode.

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
2 x Individual reports	40% total	1,2,3,4	1, 4-6
2 x individual short quizzes	30% total	1,2,3,4	1, 3, 6
15-minute group oral presentation	30%	1,2,3,4	1-6

HPHE1007 Introduction to Health Promotion

(Required elective for all students on Bachelor of Health Sciences, Bachelor of Nursing, and all indicated Allied Health Pathways)

This subject is concerned with the philosophical, ethical, theoretical and disciplinary foundations of the evolving field of health promotion and effective health promotion action. You will learn about psychological, organisational, social and political theories, models and conceptual frameworks, and the role of these in guiding health promotion practice. You will gain skills in using a theoretically-sound, evidence-informed and ethical approach to design action. These skills include: interpreting the problem to solve or goal to achieve; mapping determinants; assessing current strengths, capacities and needs; identifying potential partners; and using theory, evidence and partners to design appropriate health promotion action. The role of systems thinking in planning and action will be introduced, along with settings-based approaches to prevention and health promotion.

Subject Learning Outcomes

1. Describe and understand the guiding principles and frameworks of health promotion.
2. Describe and understand evaluation strategies used to determine the effectiveness of health promotion.
3. Demonstrate knowledge and skills to deliver effective health promotion programs.
4. Critically assess, in small groups, health promotion programs and processes with an emphasis on evidence and ethics.

Class requirements

Timetabled hours per week (4 hours)

- One 2-hour lecture/content building session per week (blended)
- One 2-hour tutorial per week (blended)

All sessions for this subject are delivered on campus; students are expected to attend campus as their primary learning mode.

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
Online test 1 (part A and part B)	10%	1	1, 3, 6
Group video presentation	25%	1,4	1-6
Online test 2	20%	2,3	1, 3, 4, 6
Mini health promotion pitch and reflection (1500 word)	45%	1,2,3	1-5

HHLT1FPC Foundations of Professional Communication

(Required elective for all students on all indicated Allied Health Pathways)

In this subject, you will explore the importance of communication as a foundation to your future practice as a health professional. You will examine how personal and cultural factors, values and life experiences may influence professional communication. You will develop a suite of communication skills as a foundation for culturally safe and reflective practice as a health professional. You will study concepts of professionalism, interprofessional collaborative practice and emotional intelligence as it relates to ethical health care practice. You will work in teams to develop an understanding of teamwork that involves individuals cooperating and collaborating towards a shared goal. This subject supports the development of foundation academic skills and information literacy required for university study.

Subject Learning Outcomes

1. Reflect on and appraise personal communication practices as a health professional
2. Demonstrate and use a range of core communication skills that include verbal, interpersonal, reflective and written skills relevant for culturally safe health practice.
3. Analyse health-related questions concerning professional communication in contemporary health care practice, using search strategies and academic resources.
4. Identify concepts of professionalism, cultural safety, interprofessional collaborative practice and emotional intelligence as they relate to ethical health care practice.
5. Collaborate and cooperate as a member of a team to achieve shared goals

Class requirements

Timetabled hours per week (4 hours)

- One 2-hour lecture/content building session per week (blended)
- One 2-hour tutorial per week (blended)

All sessions for this subject are delivered on campus; students are expected to attend campus as their primary learning mode.

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
Online Test 1	10%	2, 4	1, 3, 6
Online Test 2	20%	2, 4	1, 3, 4, 6
Group Oral Presentation	20%	2, 3, 4, 5	1-6
Individual critically reflective portfolio	50% total	1, 2, 3, 4	1, 2-6

HHBS1HBB Human Biosciences B☑

(Required elective for all students on all indicated Allied Health Pathways)

In this unit, students will continue with the study of anatomy & physiology and apply the concepts of human structure and function and homeostasis introduced in HHBS1HBA, to the musculoskeletal, nervous and endocrine systems. Anatomical principles and terminology will be applied to relevant body systems and the concept of integrated function of multiple systems in one body region will be introduced. Integrated whole body responses to homeostatic challenge will be included.

☑ PLEASE NOTE: HHBS1HBA Human Biosciences A must be successfully completed before students may enrol in HHBS1HBB Human Biosciences B

Subject Learning Outcomes

1. Apply relevant anatomical principles to describe the structure and function of selected body systems.
2. You will be able to:
   (a) Describe what is meant by anatomical concepts and principles and use these learning tools to describe normal anatomical structure and function of the musculoskeletal, nervous and vascular systems.
   (b) Describe the significance of embryological development to explain anatomical relationships and innervation in the adult body.
   (c) Describe advantages and disadvantages of common medical imaging techniques for visualisation of anatomical structures.
3. Apply relevant anatomical principles to integrate structure and function of body systems within an anatomical region.
4. You will be able to:
   (b) Apply relevant anatomical concepts and principles to explain the structure and function of the torso (including vertebral column and organs of the anterior body cavities) in activities of daily life.
   (c) Describe the anatomical basis of some common developmental changes and abnormalities of the torso.
5. Use appropriate skills to achieve significant outcomes in a human bioscience enquiry. You will be able to:
   (a) Make accurate observations of anatomical and physiological structures or events and infer their relationship to function.
   (b) Communicate anatomical and physiological concepts using correct medical terminology in writing, orally and using relevant media.
   (c) Work effectively in a collaborative team.
   (d) Identify what you know, determine your own and your team's learning needs, and develop strategies to address these.

HHBS1HBB Human Biosciences B☑ cont.

Class requirements

Timetabled hours per week (5 hours)

- One 2-hour lecture per week (Blended)
- One 3-hour workshop per week (Blended)

All sessions for this subject are delivered on campus; students are expected to attend campus as their primary learning mode.

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
Summative Quizzes x 5	25% total (5% each)	1-5	1, 3
Enquiry 1 and 2: Team Report	20%	1-3	1, 3, 5, 6
Enquiry 3	20%	2-3	1, 4, 6
Final Exam	35%	1-5	1, 3, 4

SBIO1MGC Molecules, Genes and Cells

Living organisms, with their many intricate and intriguing processes, are composed of lifeless molecules. SBIO1MGC takes a look at how those molecules are organized into the smallest unit of life, cells, across a range of organisms. SBIO1MGC also covers how those cells capture light energy, break down molecules to release energy, synthesize new molecules, communicate with other cells, and how the instructions to perform those functions are stored and passed on to the next generation.
PLEASE NOTE: SBIO1MGC Molecules, Genes and Cells and SBIO1EEB Evolution, Ecology and Biodiversity are incompatible to be undertaken concurrently.

Subject Learning Outcomes

1. Describe and distinguish the features of prokaryotic and eukaryotic (i.e. plant and animal) cells, and explain the function of organelles.
2. Name the classes of biological molecules, describe their function in cellular processes, and describe and explain typical separation technologies for those molecules.
3. Describe and explain basic cell biology processes, including energy metabolism (photosynthesis and cellular respiration), DNA replication, transcription and translation and their regulation, and cell signalling.
4. Describe and explain Mendelian genetics and its role in inheritance.
5. Apply critical laboratory skills such as microscopy and micro-pipetting to complete scientific experiments that examine different aspects of cell biology.
6. Locate and critically evaluate scientific information and effectively communicate scientific ideas in written and oral formats.

Class requirements

Timetabled hours per week (7 hours)

- One 2-hour lecture per week (blended)
- One 2-hour tutorial per week (blended)
- One 3-hour lab/workshop per week

All sessions for this subject are delivered on campus; students are expected to attend campus as their primary learning mode.

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
Online post-practical quizzes	24%	1-5	1, 3, 6
Online module quizzes	16%	1-5	1, 3, 6
Oral Presentation	5%	1-3, 5, 6	1-3, 5, 6
Written Essay	10%	1-3, 5, 6	1, 3, 5, 6
Final Examinations	45%	1-4	1, 3, 6

HDTN101 INTRODUCTION TO NUTRITION

(Required elective for all students on Bachelor of Food and Nutrition Pathway; see availability)

In this subject you will study the major food sources, functions and metabolism of macro-nutrients (protein, fat and carbohydrate), alcohol, and micro-nutrients (vitamins and minerals) and be aware of the consequences of over and under-nutrition. Principles of energy balance (energy intake and energy expenditure), basic techniques for assessment of nutrient adequacy of individual diets and simple techniques for assessing body composition in adults will be explored. You will also be introduced to the Australian Dietary Guidelines and Nutrient Reference Values, and the use of food guides in assessing the diets of populations.

Subject Learning Outcomes

1. Describe methods for collecting dietary intake and estimating energy expenditure, and use principles of energy balance to determine an individual's energy balance status.
2. Identify and describe common food sources, functions and absorption of micronutrients (vitamins and minerals) and discuss the causes and consequences of micronutrient deficiencies and toxicities.
3. Identify and describe the main food sources, structure, functions, digestion and absorption of macronutrients (protein, fat, carbohydrate), water and alcohol and discuss the consequences of macronutrient imbalances.
4. Apply simple techniques to measure body composition of individuals.
5. Apply simple dietary analysis techniques to assess diets.
6. Describe the role of the Australian Dietary Guidelines in health, and the application of food guides in assessing diets of populations.

Class requirements

Timetabled hours per week (5 hours)

- One 2-hour lecture/content building session per week (blended)
- One 3-hour tutorial per week (blended)

All sessions for this subject are delivered on campus; students are expected to attend campus as their primary learning mode.

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
4 x Online Quizzes	30% total	1, 2, 3, 4, 5, 6	1, 3, 6
Assignment- Evaluation of a Diet	30%	2, 3, 6	1, 3-6
Report- Individual Dietary Analysis	40%	1, 5, 6	1, 3, 4, 6

HDTN103 Food Security And Sustainable Food Systems☑☑

(Required elective for all students on Bachelor of Food and Nutrition Pathway; see availability)

This subject introduces students to the Australian and global food systems and will explore key stakeholders that influence our food supply such as government, food industry, consumers, the healthcare industry, and other NGOs. Through a series of activities, the students will begin to unpack the complex relationships between sustainability and food and nutrition security and how they relate to UN Sustainable Development Goals (SDGs). Students will identify the bi-directional interplay between key food commodities, human health and environmental sustainability and their impact on vulnerable communities. In this subject, students will also learn about traditional food ways, including Aboriginal and Torres Strait islander food ways, and other dietary patterns and their contribution to a sustainable food system.

☑☑ PLEASE NOTE: HDTN101 Introduction to Nutrition must be successfully completed before students may enrol in HDTN103 Food Security and Sustainable Food Systems

Subject Learning Outcomes

1. Identify the components of and stakeholders influencing the food system in Australia and globally.
2. Describe the impact of the environment, climate change and global events on the food supply and how it relates to the United Nations Sustainable Development Goals (SDGs).
3. Summarise the bi-directional relationship between key food commodities, food choices, human health and environmental sustainability with a focus on food and nutrition security in Australia and globally.
4. Outline the principles of sustainable diets based on the diet for planetary health and traditional food ways/dietary patterns.

Class requirements

Timetabled hours per week (5 hours)

- One 2-hour lecture/content building session per week (blended)
- One 3-hour tutorial per week (blended)

All sessions for this subject are delivered on campus; students are expected to attend campus as their primary learning mode.

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
Assessment 1: Food systems reflection Individual written task, 1000 words	15%	1, 3	1, 3-6
Assessment 2: Managing food waste report Group written task, 1875 words	50%	1, 2, 3	3-6
Assessment 3: Communicating sustainable diets: a podcast Individual audio recording, 3-5 minutes	35%	1, 2, 4	1-6

SCHE1CHF Chemistry Foundations

(Required elective for all students on Bachelor of Food and Nutrition Pathway)

Chemistry Foundations is a subject designed for students who have no or little previous experience or study in chemistry. Students will learn concepts, knowledge and skills that will enable them to apply chemical principles and practice during their university degree and future employment.

Subject Learning Outcomes

5. Recognise chemical and physical properties of chemical elements, organic and inorganic compounds in order that substances can be categorised and their behaviour predicted in specified chemical environments.
6. Predict the outcome of types of chemical reactions and describe the influence of factors affecting the progress of chemical changes.
7. Describe the individual properties of the three states of matter as well as how the different states interact with each other and explain how these properties are dependent on environmental conditions.
8. Use practical techniques and tools to observe and measure the outcomes of laboratory procedures to recognise connections between theoretical and practical phenomena.
9. Apply mathematical tools to solve chemical problems.

Class requirements

Timetabled hours per week (8 hours)

- One 3-hour lecture per week (Blended)
- One 2-hour tutorial per week (Blended)
- One 3-hour lab/workshop per week

All sessions for this subject are delivered on campus; students are expected to attend campus as their primary learning mode.

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
Workshop Tests & Online Quizzes	25%	1-3, 5	1, 3, 6
Laboratory Reports	25%	4, 5	1, 4, 6
Final Examinations	50%	1-3, 5	1, 4, 6

PPSY1SFP Scientific Foundations of Psychology

In this subject you will be introduced to the philosophical, historical, and methodological foundations of the discipline of psychology. You will critically examine how theories are developed and used in psychological science and examine how they are operationalised in experimental contexts. As part of a team, you will propose your own research question in an applied area of psychology and present this enquiry to your class, and as an individual you will analyse, present, and discuss the results in a written report.

Subject Learning Outcomes

1. Apply an understanding of the historical, philosophical and methodological foundations of psychology, including the ethical guidelines governing psychological practice and research to contexts beyond those of psychology itself.
2. Critically evaluate the research design, analysis and interpretation of a basic investigation in psychology, including identification and description of potential cultural biases arising from psychological research and assessment methods.
3. Design a basic research study on a behavioural phenomenon and develop a logical and well supported conclusion based on empirical evidence, including potential solutions to resolve issues such as cultural bias.
4. Identify and use appropriate information sources to support an oral and written argument with appropriate formatting and referencing schemes acceptable to international standards and demonstrate appropriate ethical conduct (e.g. avoiding plagiarism and collusion) in line with professional expectations.

Class requirements

Timetabled hours per week (4 hours)

- One 2-hour lecture per week (Blended)
- One 2-hour tutorial per week (Blended)

All sessions for this subject are delivered on campus; students are expected to attend campus as their primary learning mode.

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
Introductory Quiz	5%	4	3, 4
DDP Group Oral Presentation	15%	2, 3, 4	1-6
Online Mid-trimester Exam	25%	1, 2	1, 3, 4, 6
Individual Major Lab Report Essay	30%	2, 3, 4	1, 3-6
Online End-of-trimester Exam	25%	1, 2	1, 3, 4, 6

PPSY1PAC Introductory Psychology: People and Culture

In this subject you will be introduced to key areas of psychology with a socio-cultural perspective. People share knowledge with others in society. The shared knowledge (i.e., culture) gives meanings to people's lives as well as influencing their everyday behaviour, the sense of who they are, their personal relationships and psychological wellbeing. We will discuss psychology of individuals in diverse contexts to understand how personal experiences, including emotions, motivation, intimacy with others and health behaviours are shaped by cultural understanding and social expectations in those contexts.
☑☑☑☑ PLEASE NOTE: PPSY1SFP Scientific Foundations of Psychology must be successfully completed before students may enrol in PPSY1PAC Introductory Psychology: People and Culture

Subject Learning Outcomes

1. Apply an understanding of socio-cultural perspectives of psychology to human behaviour and experiences.
2. Identify appropriate information sources to develop logical, well-supported, and appropriately referenced written arguments based on empirical evidence.
3. Demonstrate sensitivity and knowledge of diversity in cultural beliefs, practices, and communication styles.
4. Critically reflect on psychological assessment tools within a socio-cultural context.
5. Apply ethical guidelines governing appropriate academic conduct.

Class requirements

Timetabled hours per week (4 hours)

- One 2-hour lecture per week (Blended)
- One 2-hour tutorial per week (Blended)

All sessions for this subject are delivered on campus; students are expected to attend campus as their primary learning mode.

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
Self-Reflection Questionnaire	3%	1	3, 4
Self-Reflection Video Assessment	12%	1, 3, 4, 5	1, 2, 4-6
Major Essay	25%	1, 2, 3, 4, 5	1, 3-6
Online Quizzes x 3	60% (20% each)	1, 3, 4, 5	1, 4, 3, 6

A note on subject equivalencies between 2025 and pre-2025 Diploma of Health Sciences courses

In 2025, trimester 1, the Diploma of Health Sciences at La Trobe College Australia realigned and modernised the modules offered. Subject/module crediting in module are as follows:

Pathway to:

Bachelor of Health Science (Health Promotion; Public Health; Allied Health; Psychological Science; Human Physiological Sciences)
Bachelor of Nursing
Bachelor of Occupational Therapy (Honours)
Bachelor of Orthoptics (Honours)
Bachelor of Paramedic Practice (Honours)
Bachelor of Physiotherapy (Honours)
Bachelor of Prosthetics and Orthotics (Honours)
Bachelor of Podiatry (Honours)
Bachelor of Speech Pathology (Honours)

Pre-2025 If you have successfully completed this module…			**2025 onwards** … you receive credit towards your diploma completion for this module.	
HHBS1HBA	Human Biosciences A	=	HHBS1HBA	Human Biosciences A
HHBS1HBB	Human Biosciences B	=	HHBS1HBB	Human Biosciences B
HPHE1IDH	Individual Determinants of Health	=	HPHE1005	Principles of Public Health
HPHE1UHW	Understanding Health and Wellbeing	=	HPHE1UHW	Understanding Health and Wellbeing
HHLT1IPP	Introduction to Professional Practice	=	HHLT1FPC	Foundations of Professional Communication
HHLT1RAE	Research and Evidence in Practice	=	HHLT1RAE	Research and Evidence in Practice
HHLT1LHS	Learning in Health Sciences	=	HPHE1007	Introduction to Health Promotion
SBIO1MGC	Molecules, Genes and Cells	=	SBIO1MGC	Molecules, Genes and Cells
PPSY1BAM	Introductory Psychology: Brain and Mind	=	PPSY1SFP	Scientific Foundations of Psychology
PPSY1PAC	Introductory Psychology: People and Culture	=	PPSY1PAC	Introductory Psychology: People and Culture
	Other subjects as appropriate	=	HSTM1001	Making Sense of Data

Pathway to: Bachelor of Health Science (Food and Nutrition major) Bachelor of Food and Nutrition				
Pre-2025 If you have successfully completed this module…			**2025 onwards** … you receive credit towards your diploma completion for this module.	
HHBS1HBA	Human Biosciences A	=	HHBS1HBA	Human Biosciences A
HHBS1HBB	Human Biosciences B	=	HHBS1HBB	Human Biosciences B
HPHE1IDH	Individual Determinants of Health	=	HDTN101	Introduction to Nutrition
HPHE1UHW	Understanding Health and Wellbeing	=	HPHE1UHW	Understanding Health and Wellbeing
HHLT1IPP	Introduction to Professional Practice	=	HHLT1FPC	Foundations of Professional Communication
HHLT1RAE	Research and Evidence in Practice	=	HHLT1RAE	Research and Evidence in Practice
SCHE1CHF	Chemistry Foundations	=	SCHE1CHF	Chemistry Foundations
SCHE1APL	Applications of Chemistry	=	HDTN103	Food Security and Sustainable Food Systems

On Articulation to La Trobe University, Bachelor credit may be awarded as appropriate for subject completion. Customized study plans may be advised by La Trobe University.

9. Rules for Program Completion

Students need to successfully complete 120 credit points comprising 1 required unit, 4 core subjects and 4 elective subjects.

10. Program articulations

Graduates of this program can articulate into the following courses at La Trobe University:

With credit for 8 units into:

- Bachelor of Health Science
- Bachelor of Nursing

With credit for 7 units into:

- Bachelor of Food and Nutrition

With credit for 6 units into:

- Bachelor of Speech Pathology (Honours)

With credit for 5 units into:

- Bachelor of Occupational Therapy (Honours)
- Bachelor of Orthoptics (Honours)
- Bachelor of Paramedic Practice (Honours)
- Bachelor of Physiotherapy (Honours)
- Bachelor of Podiatry (Honours)
- Bachelor of Prosthetics and Orthotics (Honours)

11. Facilities and Resources

Type of facilities and resources required	Explanation
Teaching rooms	There is one lecture theatre (capacity 90) and three computer labs capacity 25. The college has seminar style classrooms that are designed as team-work hubs. Each room has audio visual equipment including, data projectors with multiple screens wireless microphones, visualisers, high speed Wi-Fi and desk-based power points. **Seminar rooms:** 5 capacity 50 7 capacity 40 3 capacity 30 21 capacity 20
Computer Laboratory	Students have access to three dedicated computer laboratories and access to a shared computer hub. All are equipped to a standard equivalent to those provided at the partner University. This includes wireless computer access, printers and scanners. All computers contain a range of specialist software and the MS Office Suite. All hardware is replaced on a three-year cycle. **Computer labs:** 2 capacity 20 2 capacity 30

Type of facilities and resources required	Explanation
Library	Students have access to the LTU library which supports ELICOS and pathways programs. The library facilities include a specific lending collection aligned to programs offered, student computers, quiet study areas, access to online resources and library staff for research assistance and direction.
Learning Management System	The Learning Management system (Moodle) contains all subject information for students including subject outline, assessments, tutorial activities, and collaborative learning activities. LTCA delivers all subjects using the face to face delivery mechanism, onsite for all students onshore on a student visa. For Domestic students, a blended learning model and approach is available stemming out of the transformation to online learning starting January 2020 due to the pandemic. A number of online learning tools have been added. These include, but are not limited to: • Virtual classrooms • Synchronous and Asynchronous sessions • Interactive whiteboards • Discussion forums • Podcasts and screencasts • Embeddable external platforms (Kahoot, Socrative, Quizlet, H5P etc.)

12. Measurement of student outcomes

(a) Grading Scale

The Grading Scale is included in every course outline. The assessment grade is a measure of the extent to which the desired learning outcomes have been achieved in the units of the program. Grades the students achieve are descriptive rather than numeric and are officially defined as:

Grade	Percentage Range
A	80 – 100
B	70 – 79
C	60 – 69
D	50 – 59
N	0 – 49

13. Articulation options

This Diploma will provide students with the basic skills to enter the Community Health and Allied Health industries in an entry level position. With this Diploma students are eligible to apply for entry to the second year of the Bachelor of Health Science, Bachelor of Nursing or other Allied Health areas such as Podiatry, Occupational Therapy, Prosthetics, Food and Nutrition, and Physiotherapy. Upon completion of the degree students are ready to register with Professional bodies such as: Australian Health Practitioner Regulation Agency (AHPRA), The Australian Podiatry Association (APODA), and Allied Health Professions Australia (AHPA).