



LA TROBE
College Australia

Diploma of Health Sciences (LDHS)

Course Outline

Version: 1

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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

Trimester	Unit Code	Name of Unit	Core / Elective	Credit points
1	LTM1AIM	Academic Integrity Module	Required	0
1 or 2	HHBS1HBA	Human Biosciences A	Core	15
2 or 3	HHBS1HBB	Human Bioscience B	Core	15
1 or 2 or 3	HHLT1IPP	Introduction to Professional Practice	Core	15
1 or 2 or 3	HPHE1IDH	Individual Determinants of Health	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	HHLT1LHS	Learning in Health Sciences	Elective	15
1 or 2 or 3	HNSG1ITN	Introduction to Nursing	Elective	15
1 or 2 or 3	SCHE1CHF	Chemistry Foundations	Elective	15
1 or 2 or 3	SCHE1APL	Applications of Chemistry	Elective	15
1 or 2 or 3	SBIO1MCG	Molecules, Genes and Cells	Elective	15
1 or 2 or 3	PPSY1BAM	Introductory Psychology: Brain And Mind	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
HHLT1IPP Introduction to Professional Practice [!]	✓	✓	✓
HHBS1HBA Human Biosciences A *	✓	✓	✓
HPHE1IDH Individual Determinants of Health [!]	✓	✓	✓
HHLT1RAE Research and Evidence in Practice	✓	✓	✓
HHBS1HBB Human Bioscience B *	✓	✓	✓
HPHE1UHW Understanding Health and Wellbeing ^{***}	✓	✓	✓

Recommended Elective Units

Subject	Trimester 1	Trimester 2	Trimester 3
HHLT1LHS Learning in Health Sciences <i>(Highly recommended elective for all students)</i>	✓	✓	✓
HNSG1ITN Introduction to Nursing [!] <i>Recommended subject for students wishing to pathway into the Bachelor of Nursing</i>	✓	✓	✗
SCHE1CHF Chemistry Foundations ^{**} <i>Required subject for students wishing to pathway into the Bachelor of Food and Nutrition</i>	✓	✓	✗
SCHE1APL Applications of Chemistry ^{**} <i>Recommended subject for students wishing to pathway into the Bachelor of Food and Nutrition</i>	✗	✓	✓
SBIO1MCG Molecules Genes and Cells <i>Required subject for students wishing to pathway into the Bachelor of Health Science and major in Human Physiological Sciences (recommended for pathways to Physio/OT/Speech/Prosthetics and Orthotics)</i>	✓	✓	✗
PSY1BAM Introductory Psychology: Brain And Mind	✓	✓	✗
PSY1PAC Introductory Psychology: People and Culture	✗	✓	✓

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

** SCHE1CHF Chemistry Foundations must be successfully completed before students may enrol SCHE1APL Applications of Chemistry

*** HPHE1SDH is expected to be replaced by HPHE1UWH in 2024

[!] Availability and requirement of HPHE1IDH Individual Determinants of Health, HNSG1ITN Introduction to Nursing and HHLT1IPP Introduction to Professional Practice are under review for 2024

a) *Study Plans according to Bachelor Course:*

Suggested study plan for students wishing to progress to Bachelor of Nursing

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), commencing in trimester 3			
	COMPULSORY ONLINE SUBJECT (must be completed in your first trimester of study)			
	LTM1AIM - Academic Integrity Module			
	Trimester 1	HHLT1IPP (Core)	HHBS1HBA (Core)	HHLT1LHS (Recommend Elective)
		Introduction to Professional Practice	Human Biosciences A	Learning in Health Science
	Trimester 2	HPHE1IDH (Core)	HHLT1RAE (Core)	HHBS1HBB (Core)
		Individual Determinants of Health	Research and Evidence in Practice	Human Biosciences B
Trimester 3	HPHE1UHW (Core)	HNSG1ITN (Recommended Elective)		
	Understanding Health and Wellbeing	Introduction to Nursing		

YEAR 1 (DIPLOMA)	Fast Track (Completing In 8 months/2 trimesters), commencing in trimester 1				
	COMPULSORY ONLINE SUBJECT (must be completed in your first trimester of study)				
	LTM1AIM - Academic Integrity Module				
	Trimester 1	HHLT1IPP (Core)	HHBS1HBA (Core)	HPHE1IDH (Core)	HHLT1LHS (Recommend Elective)
		Introduction to Professional Practice	Human Biosciences A	Individual Determinants of Health	Learning in Health Science
	Trimester 2	HHLT1RAE (Core)	HHBS1HBB (Core)	HPHE1UHW (Core)	HNSG1ITN (Recommended Elective)
		Research and Evidence in Practice	Human Biosciences B	Understanding Health and Wellbeing	Introduction to Nursing

NOTE: Students must commence their Diploma of Health Science in Trimester 1 or Trimester 3 in order to progress to the Bachelor of Nursing degree.

Suggested study plan for students wishing to progress to Bachelor of Food and Nutrition

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

Normal Track (Completing In 12 months/3 trimesters)				
COMPULSORY ONLINE SUBJECT (must be completed in your first trimester of study)				
LTM1AIM - Academic Integrity Module				
YEAR 1 (DIPLOMA)	Trimester 1	HHLT1IPP (Core)	HHBS1HBA (Core)	HPHE1IDH (Core)
		Introduction to Professional Practice	Human Biosciences A	Individual Determinants of Health
	Trimester 2	HHLT1RAE (Core)	HHBS1HBB (Core)	SCHE1CHF (Recommended Elective)
		Research and Evidence in Practice	Human Biosciences B	Foundations of Chemistry
	Trimester 3	HPHE1UHW (Core)	SCHE1APL (Recommended Elective)	
		Understanding Health and Wellbeing	Applications of Chemistry	

Fast Track (Completing In 8 months/2 trimesters)					
COMPULSORY ONLINE SUBJECT (must be completed in your first trimester of study)					
LTM1AIM - Academic Integrity Module					
YEAR 1 (DIPLOMA)	Trimester 1	HHLT1IPP (Core)	HHBS1HBA (Core)	HPHE1IDH (Core)	SCHE1CHF (Recommended Elective)
		Introduction to Professional Practice	Human Biosciences A	Individual Determinants of Health	Chemistry Foundations
	Trimester 2	HHLT1RAE (Core)	HHBS1HBB (Core)	HPHE1UHW (Core)	SCHE1APL (Recommended Elective)
		Research and Evidence in Practice	Human Biosciences B	Understanding Health and Wellbeing	Applications of Chemistry

Suggested study plan for students wishing to progress to Bachelor of Health Sciences and major in Human Physiological Sciences

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	HHLT1IPP (Core)	HHBS1HBA (Core)	HHLT1LHS (Recommend Elective)
		Introduction to Professional Practice	Human Biosciences A	Learning in Health Science
	Trimester 2	HPHE1IDH (Core)	HHLT1RAE (Core)	HHBS1HBB (Core)
		Individual Determinants of Health	Research and Evidence in Practice	Human Biosciences B
Trimester 3	HPHE1UHW (Core)	SBIO1MGC (Recommend Elective)		
	Understanding Health and Wellbeing	Molecules, Genes and Cells		

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	HHLT1IPP (Core)	HHBS1HBA (Core)	HPHE1IDH (Core)	HHLT1LHS (Recommend Elective)
		Introduction to Professional Practice	Human Biosciences A	Individual Determinants of Health	Learning in Health Science
	Trimester 2	HHLT1RAE (Core)	HHBS1HBB (Core)	HPHE1UHW (Core)	SBIO1MGC (Recommend Elective)
		Research and Evidence in Practice	Human Biosciences B	Understanding Health and Wellbeing	Molecules, Genes and Cells

Suggested study plan for students wishing to progress to Bachelor of Health Sciences and major in Psychological Science

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

Normal Track (Completing In 12 months/3 trimesters)				
COMPULSORY ONLINE SUBJECT (must be completed in your first trimester of study)				
LTM1AIM - Academic Integrity Module				
YEAR 1 (DIPLOMA)	Trimester 1	HHLT1IPP (Core)	HHBS1HBA (Core)	HPHE1IDH (Core)
		Introduction to Professional Practice	Human Biosciences A	Individual Determinants of Health
	Trimester 2	HHLT1RAE (Core)	HHBS1HBB (Core)	PPSY1BAM (Recommend Elective)
		Research and Evidence in Practice	Human Biosciences B	Introductory Psychology: Brain And Mind
	Trimester 3	HPHE1UHW (Core)	PPSY1PAC (Recommend Elective)	
		Understanding Health and Wellbeing	Introductory Psychology: People and Culture	

Fast Track (Completing In 8 months/2 trimesters)					
COMPULSORY ONLINE SUBJECT (must be completed in your first trimester of study)					
LTM1AIM - Academic Integrity Module					
YEAR 1 (DIPLOMA)	Trimester 1	HHLT1IPP (Core)	HHBS1HBA (Core)	HPHE1IDH (Core)	PPSY1BAM (Recommend Elective)
		Introduction to Professional Practice	Human Biosciences A	Individual Determinants of Health	Introductory Psychology: Brain And Mind
	Trimester 2	HHLT1RAE (Core)	HHBS1HBB (Core)	HPHE1UHW (Core)	PPSY1PAC (Recommend Elective)
		Research and Evidence in Practice	Human Biosciences B	Understanding Health and Wellbeing	Introductory Psychology: People and Culture

Suggested study plan for students wishing to progress to Bachelor of Health Sciences (all majors except Human Physiological Sciences and Psychological Science), Suggested Course Study Outline for students wishing to progress to Bachelor of Occupational Therapy (Honours), Bachelor of Physiotherapy (Honours) Bachelor of Speech Pathology (Honours), Bachelor of Paramedic Practice (Honours), Bachelor of Podiatry (Honours), or Bachelor of Prosthetics and Orthotics (Honours)

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	HHLT1IPP (Core)	HHBS1HBA (Core)	HPHE1IDH (Core)	
		Introduction to Professional Practice	Human Biosciences A	Individual Determinants of Health	
	Trimester 2	HHLT1RAE (Core)	HHBS1HBB (Core)	HHLT1LHS (Recommend Elective)	
		Research and Evidence in Practice	Human Biosciences B	Learning in Health Science	
Trimester 3	HPHE1UHW (Core)	Own choice of elective			
	Understanding Health and Wellbeing				

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	HHLT1IPP (Core)	HHBS1HBA (Core)	HPHE1IDH (Core)	HHLT1LHS (Recommend Elective)
		Introduction to Professional Practice	Human Biosciences A	Individual Determinants of Health	Learning in Health Science
	Trimester 2	HHLT1RAE (Core)	HHBS1HBB (Core)	HPHE1UHW (Core)	Own choice of elective
		Research and Evidence in Practice	Human Biosciences B	Understanding Health and Wellbeing	

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

Bachelor of Health Science

Quota: No quota

WAM requirement: 50% overall

Campus: Bundoora

Credits: 8 Units

English requirement (International students only): Nil

Majors: Environmental Health; Health Promotion; Health, Wellbeing and Performance; Human Physiological Sciences; Psychological Science; Public Health; Rehabilitation Counselling.

Minors: Cognitive and Developmental Psychology; Culture, Society, Gender and Health; Human Anatomy; Infectious Disease Epidemiology; Microbiology, Psychological Science.

Required Elective Units:

- Psychological Science Major: PSY1BAM and PSY1PAC
- Human Physiological Sciences Major: SBIO1MGC
- Other Majors: own choice of elective

Bachelor of Nursing

Quota: 138 students (*Eligible students ranked by WAM; placements assigned to highest WAMs*)

WAM requirement: 65% overall

Campus: Melbourne/Bundoora = 80 places; Bendigo = 20 places; Mildura = 10 places; Shepparton = 10 places; Albury-Wodonga = 18 places

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 6 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

English requirement (Local students only): Local students must have completed 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

OR

Overall IELTS 7.0 no band less than 7.0 (can be across 2 sittings in a 6 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

Recommended Elective Units: Introduction to Nursing (HNSG1ITN)

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

Recommended Elective Units: Chemistry Foundations (SCHE1CHF) and Applications of Chemistry (SCHE1APL)

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

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

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

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

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

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

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

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

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
- One 3-hour workshop per week

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

HHLT1IPP Introduction to Professional Practice ¹

HHLT1IPP Introduction to Professional Practice will introduce you to the health care system; as a consumer participant, as a health and human services practitioner and as part of a health care team.

This subject also offers you the opportunity to reflect on your own experiences within the health care system, and to use this to analyse and develop your understanding of health and human services.

Topics included in this subject:

- The structure and function of the Australian Health Care System
- Issues of access and equity in the Australian Health Care System
- Working in teams, as students and as health care practitioners
- Person and family centred care
- Clinical decision making
- Communication and Health Information
- Legal and ethical aspects of practice

Subject Learning Outcomes

1. Critically examine topics and use search strategies to find academic resources to resolve an enquiry and to complete assessment tasks.
 - (a) Construct and implement effective research strategies to identify and locate authoritative sources of information.
 - (b) Use critical thinking and critical reading skills to identify and analyse concepts, ideas and arguments in a range of academic and publicly available resources.
 - (c) Demonstrate understanding of the underlying principles of referencing and academic integrity by correct use of the American Psychological Association's (APA6) style of referencing in learning and assessment tasks.
2. Engage in analysis of the ways in which consumers interact with the health care system.
 - (a) Describe features of the current health services system, including the role of collaborative practice, as it relates to the provision of services to consumers.
 - (b) Describe the role of a range of health and human services professions involved in the provision of health care to consumers.
 - (c) Describe features of the lived experience of illness and disability from the perspective of consumers.
 - (d) Explain how an individual may benefit from taking an active role in the decision-making that relates to their health care and wellbeing.
3. Apply principles of effective communication required for professional practice.
 - (a) Describe the processes of effective verbal and non-verbal communication and identify potential barriers to communication.
 - (b) Describe key elements required for a successful professional relationship with consumers or clients.
 - (c) Describe strategies for working effectively in teams and how ineffective communication can contribute to team dysfunction and conflict.
 - (d) Interpret information from documents commonly encountered as health professionals.
 - (e) Use active listening and interviewing techniques to elicit information.
 - (f) Identify important considerations when using technology to communicate with colleagues and clients.
 - (g) Use appropriate academic writing skills.
4. Apply reasoning and decision-making processes to clinical and professional case studies.
 - (a) Identify the key phases in the clinical reasoning cycle.
 - (b) Describe the important facts, context or people relating to a clinical or professional case study.
 - (c) Collect relevant information relating to a clinical or professional case study.
 - (d) Interpret, discriminate and relate information in order to make logical deductions or form opinions by interpreting subjective and objective information.
 - (e) Identify decisions and judgements made in clinical and professional case studies.

HHLT1IPP Introduction to Professional Practice cont.

Class requirements

Timetabled hours per week (4 hours)

- One 2-hour lecture per week
- One 2-hour tutorial per week

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
Autobiography	5%	3	4, 5, 6
Online Test (Multiple Choice Questions)	20%	1, 2	1, 4
Written Case Studies Report	25%	1-4	1, 3, 4, 6
Extended Response Task	30%	1-4	1, 3, 4, 6
Online Test (Multiple Choice Questions)	20%	2, 4	3

HPHE1IDH Individual Determinants of Health ¹

In this subject, students will develop the foundation knowledge for working with individuals in health and human services settings. Students will learn how particular characteristics and actions of an individual impact on health and welfare outcomes. Students will be:

- (i) presented with frameworks, including a developmental perspective, for understanding how the characteristics and actions of individuals impact on health outcomes;
- (ii) provided with foundation knowledge for understanding how individuals present in, and progress through, health settings; and
- (iii) reviewing theoretical approaches to producing individual change in health and wellbeing settings.

Subject Learning Outcomes

1. Explore aspects of human behaviour across the lifespan from a psychosocial perspective through the study of fundamental psychological theories and concepts (health).
2. Apply psychological theories and concepts of human behaviour across the lifespan to real world settings.
3. Examine the concept of reflection on practice and apply this to professional and individual development.

Class requirements

Timetabled hours per week (4 hours)

- One 2-hour lecture per week
- One 2-hour lab/workshop per week

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
Quiz	5%	1, 2	3, 4
Enquiry 2 - Individual Conference Poster	35%	1, 2	2-6
Enquiry 3 – Individual Reflection	30%	1, 3	3-5
Exam – Three individual online exams	30% (10% each)	1, 2	1-6

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
- One 2-hour tutorial per week

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

HHBS1HBB Human Biosciences B*

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: Students must enrol and pass HHBS1HBA Human Biosciences A before enrolling 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:
 - (a) 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.
 - (b) 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
- One 3-hour workshop per week

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

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 per week
- One 2-hour lab/workshop per week

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
Test 1. This assessment is a 30-minute online test (500 words equivalent) covering the topic intended learning outcomes from weeks 1 to 3	10%	1, 2, 3	1, 3, 4
Media Analysis. This assessment is a 800-word written report.	25%	1, 2, 3	1-6
Test 2. This assessment is a 30-minute online test (500 words equivalent) covering the topic intended learning outcomes from weeks 4 to 8.	10%	1, 2, 3	1, 3, 4
Health and Wellbeing Plan Review. This assessment is a 1500-word individual written report.	45%	2, 3, 4	1, 3, 4, 6
Test 3. This assessment is a 30-minute online test (500 words equivalent) covering the topic intended learning outcomes from weeks 9 to 11.	10%	1, 3, 4	1, 3, 4

Electives

HHLT1LHS Learning in Health Sciences (highly recommended)

This unit will provide students with an introduction to learning at University with a focus on the academic skills needed to engage successfully in the diploma and further study in Health Sciences. Students will be introduced to information literacy resources, the learning management system and a range of online learning support materials. They will use Enquiry Based Learning process to explore the skills and concepts required to fully participate and learn in teams. The unit focuses on extending students' engagement with the content in the other diploma units with a particular focus on scientific knowledge, effective reading and independent study strategies.

Subject Learning Outcomes

1. Describe and discuss learning styles and processes as they apply to their learning at university.
2. Demonstrate foundation academic and information literary skills.
3. Apply critical reading strategies to extract meaning from a range of texts.
4. Identify and apply evidence-based learning process and teamwork skills.

Class requirements

Timetabled hours per week (4 hours)

- One 2-hour lecture per week
- One 2-hour tutorial per week

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
Profile Page	5%	1, 2	5
Online Tests x 2	40% total (20% each)	2	1, 4-6
Research Essay	30%	2, 3, 4	1, 4-6
Team Presentation	25%	1, 2, 3, 4	1, 2, 4, 5

HNSG1ITN Introduction to Nursing¹ (recommended for students in Nursing Pathway)

This subject introduces you to fundamental nursing knowledge, skills and reasoning that you will use every day of your nursing career. Through lectures, online activities, workshops and clinical skills laboratory sessions you will develop the capacity to practice nursing with the patient at the centre of care. This will require mastery of basic patient assessment, basic patient care and effective communication techniques with patients across their lifespan. You will progress towards the development of basic care planning for complex patients. This will be achieved by the integration of the patient assessment skills you learn with the application of clinical reasoning that is, thinking like a nurse to achieve the best for your patients. Within the 12 week trimester you will be expected to attend a range of face to face activities so you can achieve a level of basic nursing skills. This will also require practice of skills in your own time and with peers-practice that will inform your clinical decision making.

Subject Learning Outcomes

1. Appraise the roles and responsibilities of nurses.
2. Outline the importance of quality and patient safety strategies and demonstrate the provision of safe patient care.
3. Identify communication strategies to build therapeutic relationships and extract important health information to facilitate effective communication with health professionals.
4. Apply health assessment frameworks to ensure person-centred care.
5. Examine the clinical reasoning process in planning person centred evidenced based care.

Class requirements

Timetabled hours per week (5 hours)

- One 3-hour lecture/workshop per week
- One 2-hour lab per week

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
Online quizzes (highest 3 scoring of 5 quizzes)	15% total (5% each)	1-5	1
Written Assessment	35%	3-5	3-6
Clinical Skills Assessment	50%	1-5	1, 2

SCHE1CHF Chemistry Foundations (required for students in the 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

1. 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.
2. Predict the outcome of types of chemical reactions and describe the influence of factors affecting the progress of chemical changes.
3. 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.
4. Use practical techniques and tools to observe and measure the outcomes of laboratory procedures to recognise connections between theoretical and practical phenomena.
5. Apply mathematical tools to solve chemical problems.

Class requirements

Timetabled hours per week (8 hours)

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

Assessments

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

SCHE1APL Applications of Chemistry* (recommended for students in the Food and Nutrition pathway)

Applications of Chemistry will continue exploring the core concepts in chemistry and build upon the knowledge from SCHE1CHF. Students will learn concepts, knowledge and skills that will enable them to apply chemical principles and practice during their university degree and future employment.

*PLEASE NOTE: Students must enrol and pass SCHE1CHF Chemistry Foundations before enrolling in SCHE1APL Applications of Chemistry.

Subject Learning Outcomes

1. Recognise chemical and physical properties of chemical reactions, including equilibrium, thermodynamics, kinetics and their relationship to industrial, biological and environmental chemical processes.
2. Examine/Detail the properties of water in an environmental and chemical context.
3. Choose appropriate methods of analysis for the detection and quantification of elements and compounds.
4. Use practical techniques and tools to observe and measure the outcomes of laboratory procedures to recognise connections between theoretical and practical phenomena.
5. Apply mathematical tools to solve chemical problems.

Class requirements

Timetabled hours per week (8 hours)

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

Assessments

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

PPSY1BAM Introductory Psychology: Brain and Mind

In this subject you will discover how your brain works in creating your behaviour, how your brain and behaviour change across the lifespan, how, why and in what way you are different from other people. You will learn about how you sense the world and how you process and understand the information that arises from your senses.

Subject Learning Outcomes

1. Apply an understanding of the biological and cognitive basis of psychological science and demonstrate awareness of the basic processes underpinning these perspectives.
2. Identify appropriate information sources and prepare a logical and well supported argument based upon the current research literature.
3. Interpret evidence to prepare and present a persuasive argument in a team.
4. Apply ethical guidelines governing appropriate academic conduct.

Class requirements

Timetabled hours per week (4 hours)

- One 2-hour lecture per week
- One 2-hour tutorial per week

Assessments

Assessment piece	Weighting	Subject Learning Outcomes
EAP Quiz	5%	1, 4
Group Oral Presentation	15%	1, 2, 3
Individual Major Essay	30%	1, 2, 3, 4
Online End-of-trimester Exam	50%	1, 4

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.

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
- One 2-hour tutorial per week

Assessments

Assessment piece	Weighting	Subject Learning Outcomes	Course Learning Outcomes
Self-Reflection Questionnaire	3%	1	4, 7
Self-Reflection Video Assessment	12%	1, 3, 4, 5	1, 2, 4-6
Major Essay	25%	1, 2, 3, 4, 5	1, 2, 4-7
Online Quizzes x 3	60% (20% each)	1, 3, 4, 5	1, 4, 6, 7

9. Rules for Program Completion

Students need to successfully complete 120 credit points comprising 1 required unit, 6 core units and 2 elective units.

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	<p>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.</p> <p>Seminar rooms: 5 capacity 50 7 capacity 40 3 capacity 30 21 capacity 20</p>
Computer Laboratory	<p>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.</p> <p>Computer labs: 2 capacity 20 2 capacity 30</p>

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	<p>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:</p> <ul style="list-style-type: none"> • 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).