

Diploma of Health Sciences

Course Outline

Campus	Melbourne Burwood Campus / Geelong Waurn Ponds Campus
Intake	March, June, October
CRICOS	059996G
Course Duration	The duration of the Diploma course is three trimesters (12 months). There is an option, however, to fast track the course and complete it in two trimesters (8 months).
Teaching Methods	Instruction for all units is classroom based. Generally, four hours of class contact per week are allocated to each unit. Some units have additional laboratory hours/practical classes.
Assessment	Assessment for all units is ongoing and continuous consisting of tests, assignments and case study analysis. Most units have a final two-hour examination.
Course Structure	Eight units must be completed and passed to be awarded the Diploma.
Units	<p>HBS107 Understanding Health HBS108 Health Information and Data HBS109 Human Structure and Function HBS110 Health Behaviour HPS111 Psychology A: Fundamentals of Human Behaviour ✕ HPS121 Psychology B: Individual and Social Development ✕ HSE101 Principles of Exercise and Sport Science† ✕ HSE102 Functional Human Anatomy ✕ HSE104 Research Methods and Statistics in Exercise and Sport ✕ HSE111 Physical Activity and Exercise for Health ✕ HSH111 Introduction to Public Health and Health Promotion HSH112 Local and Global Environments for Health HSN101 Foundations of Food, Nutrition and Health ✕ HSN103 Food: The Environment and Consumers ✕ HSN107 Physiology of Human Growth and Development SLE111 Cells and Genes ‡ ✕ SLE115 Essential Skills in Bioscience ✕ SLE123 Physics for Life Sciences ✕ SLE133 Chemistry in Our World ‡ SLE132 Biology: Form and Function ‡ SLE155 Chemistry for the Professional Sciences ‡ *</p>

	<p>× This unit may not be offered every trimester.</p> <p>‡ All students who study these units must complete a Laboratory and Fieldwork Safety Induction Program (SLE010 for SLE units), which is a compulsory safety training program.</p> <p>† All students who study this unit must complete a Level 2 First Aid course at their own expense.</p> <p>* You must successfully complete SLE133 Chemistry in our World before enrolling in SLE155 Chemistry for the Professional Sciences (Pre-requisite)</p>
<p>Transfer to Deakin University</p>	<p>The following transfer criteria apply:</p> <ul style="list-style-type: none"> • You must complete and pass eight Deakin College Diploma of Health Sciences units*. • You must achieve the required Weighted Average Mark (WAM) for your Deakin College diploma taking into account all units attempted at Deakin College (required WAM's are included under each Deakin University degree on the following pages). <p>* Transfer to some degrees requires specific Deakin College units to be completed in order to receive the appropriate credits (see Deakin University degrees below).</p>

Diploma of Health Sciences Example Course Plans for Students

Example Course Plans for Students

The following are a series of example course plans for students studying in the Diploma of Health Sciences. Please note that core and elective units can be taken in any order, except for Chemistry. In Chemistry SLE133 Chemistry in our World must be successfully completed before students enrol in SLE155 Chemistry for the Professional Sciences.

The following course plans should be used as a guide only.

How to use the Plans

Students need to select or choose which Deakin University Course they wish to transfer into once they have completed their studies at Deakin College. Deakin University offers direct transfer into the following courses

- Bachelor of Biomedical Science
- Bachelor of Exercise and Sport Science
- Bachelor of Food and Nutrition Sciences
- Bachelor of Health Sciences
- Bachelor of Psychological Science
- Bachelor of Health and Health Promotion
- Bachelor of Sport Development**

** Please note students transferring from Diploma of Health Sciences to the Bachelor of Sport Development will only receive 4 credit points

Subject Availability - Diploma of Health Sciences Burwood

Subject	Trimester 2 2017	Trimester 3 2017	Trimester 1 2018
HBS107 Understanding Health	✓	✓	✓
HBS108 Health Information Data	✓	✓	✓
HBS109 Human Structure and Function	✓	✓	✓
HBS110 Health Behaviour	✓	✓	✓
HSE101 Principals of Exercise and Sport Science	✓	✓	✓
HSE102 Functional Anatomy	✓	✓	✓
HSE104 Research Methods and Statistics in Exercise and Sport	✓	✓	✓
HSE111 Physical Activity and Exercise for Health	✗	✓	✓
HPS111 Psychology A	✓	✓	✓
HPS121 Psychology B	✓	✓	✓
HSN101 Foundations of Food Nutrition and Health	✓	✓	✓
HSE103 Food the Environment and Consumers	✓	✓	✓
HSN107 Physiology of Human Growth and Development	✓	✓	✓
HSH111 Public Health and Health Promotion	✓	✓	✓
HSH112 Local and Global Environments for Health	✓	✓	✓
SLE133 Chemistry of our World	✓	✓	✓
SLE155 Chemistry for the Professional Sciences	✓	✓	✓
SLE111 Cells and Genes	✓	✓	✓
SLE115 Essential Skills in Bioscience	✓	✓	✓
SLE132 Biology Form and Function	✓	✓	✓
SLE123 Physics for the Life Sciences	✓	✓	✓

Subject Availability - Diploma of Health Sciences Waurn Ponds (Geelong)

Subject	Trimester 2 2017	Trimester 3 2017	Trimester 1 2018
HBS107 Understanding Health	✓	✓	✓
HBS108 Health Information Data	✓	✓	✓
HBS109 Human Structure and Function	✓	✓	✓
HBS110 Health Behaviour	✓	✓	✓
HSE101 Principals of Exercise and Sport Science	✗	✓	✗
HSE102 Functional Anatomy	✓	✗	✓
HSE104 Research Methods and Statistics in Exercise and Sport	✓	✗	✓
HSE111 Physical Activity and Exercise for Health	✗	✓	✗
HPS111 Psychology A	✗	✓	✗
HPS121 Psychology B	✓	✗	✓
HSN101 Foundations of Food Nutrition and Health	✗	✓	✗
HSE103 Food the Environment and Consumers	✓	✗	✓
HSN107 Physiology of Human Growth and Development	✗	✓	✗
HSH111 Public Health and Health Promotion	✗	✓	✗
HSH112 Local and Global Environments for Health	✓	✗	✓
SLE133 Chemistry of our World	✓	✓	✓
SLE155 Chemistry for the Professional Sciences	✓	✓	✓
SLE111 Cells and Genes	✓	✓	✓
SLE115 Essential Skills in Bioscience	✓	✓	✓
SLE132 Biology Form and Function	✓	✓	✓
SLE123 Physics for the Life Sciences	✓	✓	✓

**When I transfer to Deakin University I want to study
Bachelor of Exercise and Sport Science (B, WP)
Entry to Deakin University T1, T2**

Majors offered at Deakin University include

- Exercise Science - ESSA Sequence (B, WP) (Highly Recommended) ● Exercise Physiology (B, WP)
- Exercise Physiology and Sports Nutrition ● Physical Activity and Health (B, WP) ● Nutrition (B, WP)
- Sports Nutrition (B, WP) ● Sports Coaching (B) ● Master of Dietetics pre-requisite and Nutrition (B, WP) ● Health Promotion (B)

Fast Track (Completing In 8 months/2 trimesters)				
1 st Trimester	CORE HSE101 Principals of Exercise and Sport Science	CORE HBS109 Human Structure and Function	Elective	Elective
2 nd Trimester	CORE CORE HSE104 Research Methods and Statistics in Exercise and Sport	CORE HSE102 Functional Anatomy	CORE HSE111 Physical Activity and Exercise for Health ***	Elective

Normal Track (Completing course in 12 months/ 3 Trimesters)			
1 st Trimester	CORE HSE101 Principals of Exercise and Sport Science	CORE HBS109 Human Structure and Function	Elective
2 nd Trimester	CORE CORE HSE104 Research Methods and Statistics in Exercise and Sport	CORE HSE102 Functional Anatomy	Elective
3 rd Trimester	CORE HSE111 Physical Activity and Exercise for Health ***	Elective	

*****HSE111 Physical Activity and Exercise for Health starts in Trimester 3 2017. Students who start in trimester 1 on the normal track option, or students who start their studies in trimester 2 must complete this unit.**

Electives

Students wishing to major in the following areas should include the following subjects in their electives:

- Exercise Physiology and Sports Nutrition – HSN101 Foundations of Food Nutrition and Health
- Food Studies (B) – HSN101 Foundations of Food Nutrition and Health
- Master of Dietetics pre-requisite and Nutrition Major – SLE133 Chemistry in Our World, SLE155 Chemistry for the Professional Sciences, HSN101 Foundations of Food Nutrition and Health
- Physical Activity and Health (B, WP) – HBS110 Health Behaviour
- Sports Nutrition (B) – HSN101 Foundations of Food, Nutrition and Health
- Nutrition (B, WP) - HSN101 Foundations of Food, Nutrition and Health
- Health Promotion (B) – HBS110 Health Behaviour and HSH111 Introduction to Public Health and Health Promotion
- Family Society and Health (B) – HBS108 Health Information and Data

Other Electives can include any of the following:

- HBS107 Understanding Health
- HBS110 Health Behaviour
- HPS111 Psychology A: Fundamentals of Human Behaviour
- HPS121 Psychology B: Individual and Social Development
- HSH111 Introduction to Public Health and Health Promotion
- HSH112 Local and Global Environments for Health
- HSN101 Foundations of Food, Nutrition and Health
- HSN103 Food: The Environment and Consumers
- HSN107 Physiology of Human Growth and Development
- SLE111 Cells and Genes*
- SLE132 Biology: Form and Function*
- SLE115 Essential Skills in Bioscience
- SLE133 Chemistry in our World*
- SLE155 Chemistry for the Professional Sciences**
- SLE123 Physics for the life sciences

* For SLE111, SLE132 & SLE133 you must complete SLE010 Fieldwork and Laboratory Safety as a co-requisite unit

** You must successfully complete SLE133 Chemistry in our World before enrolling in SLE155 Chemistry for the professional sciences (Pre-requisite)

Additional 1st Year Units to be taken at Deakin University

All students will need to undertake HSE010 Exercise and Sport Laboratory Safety and HSE103 Introduction to Exercise and Sport Science Practise at Deakin University.

Students wishing to undertake the majors listed below will need to complete additional units

Major	Additional Units
Food Studies (B)	HSN104 The Science of Food
Master of Dietetics and Nutrition Major (B, WP)	HSN104 The Science of Food
Sports Coaching (B)	HSE105 Principals of Sport Coaching and HSE106 Introduction to Sport Coaching Practise.

When I transfer to Deakin University I want to study

Bachelor of Food and Nutrition Sciences (B)

Entry to Deakin University T1, T2

Majors offered at Deakin University include (Students do not have to complete a major but are recommended to complete the Food Science Major)

● Food Science (Highly recommended) ● Exercise Physiology ● Exercise Science ● Health Promotion ● Physical Activity and Health, other majors are available see Bachelor of Health Science course outline

Fast Track (Completing In 8 months/2 trimesters)					
1 st Trimester	CORE HBS109 Human Structure and Function	CORE HSN101 Foundations of Food Nutrition & Health	CORE SLE133 Chemistry in our World*	Elective	Safety Unit SLE010 Fieldwork and Laboratory Safety
2 nd Trimester	CORE HSN107 Physiology of Human Growth and Development	CORE HSN103 Food: The Environment and Consumers	Elective SLE155 Chemistry for the Professional Sciences**	Elective	

Normal Track (Completing course in 12 months/ 3 Trimesters)				
1 st Trimester	CORE HBS109 Human Structure and Function	CORE HSN101 Foundations of Food Nutrition and Health	CORE SLE133 Chemistry in our World*	Safety Unit SLE010 Fieldwork and Laboratory Safety
2 nd Trimester	CORE HSN107 Physiology of Human Growth and Development	CORE HSN103 Food: The Environment and Consumers	Elective SLE155 Chemistry for the Professional Sciences**	
3 rd Trimester	Elective	Elective		

Students who want to complete H718 Master of Dietetics pre-requisites must enrol in SLE155 Chemistry for the Professional Sciences

Electives

Students wishing to major in the following areas should include the following subjects in their electives:

- Exercise Science – HSE102 Functional Anatomy
- Health Promotion – HBS110 Health Behaviour and HSH111 Introduction to Public Health and Health Promotion
- Physical Activity and Health –HSE111 Physical Activity and Exercise for Health

Other Electives can include any of the following:

- HBS107 Understanding Health
- HBS108 Health Information and Data
- HBS110 Health Behaviour
- HPS111 Psychology A: Fundamentals of Human Behaviour
- HPS121 Psychology B: Individual and Social Development
- HSE102 Functional Anatomy
- HSE104 Research Methods and Statistics in Exercise and Sport
- HSE111 Physical Activity and Exercise for Health***
- SLE111 Cells and Genes*
- HSE101 Principals of Exercise and Sport Science
- HSH111 Introduction to Public Health and Health Promotion
- HSH112 Local and Global Environments for Health
- SLE132 Biology: Form and Function*
- SLE115 Essential Skills in Bioscience
- SLE123 Physics for the life sciences

* For SLE111, SLE132 and SLE133 you must complete SLE010 Fieldwork and Laboratory Safety as a co-requisite unit

** You must successfully complete SLE133 Chemistry in our World before enrolling in SLE155 Chemistry for the professional sciences (Pre-requisite)

*** HSE111 Physical Activity and Exercise for Health is a new unit being offered from Trimester 3 2017

Additional 1st Year Units to be taken at Deakin University

All students will need to undertake HSN104 - The Science of Food and HSN106 - Food Fundamentals at Deakin University.

**When I transfer to Deakin University I want to study
Bachelor of Psychology (Honours) (B, WP, WB) or Bachelor of Psychological Science (B, WP, WB)
Entry to Deakin University T1, T2**

Fast Track (Completing In 8 months/2 trimesters)				
1st Trimester	CORE HBS107 Understanding Health	CORE HPS111 Psychology A: Fundamentals of Human Behaviour	CORE HBS110 Health Behaviour	Elective
2nd Trimester	CORE HBS108 Health Information and Data	CORE HPS121 Psychology B: Individual and Social Development	Elective	Elective

Normal Track (Completing course in 12 months/ 3 Trimesters)			
1st Trimester	CORE HBS107 Understanding Health	CORE HPS111 Psychology A: Fundamentals of Human Behaviour	CORE HBS110 Health Behaviour
2nd Trimester	CORE HBS108 Health Information and Data	CORE HPS121 Psychology B: Individual and Social Development	Elective
3rd Trimester	Elective	Elective	

Electives can include any of the following:

- HBS109 Human Structure and Function
- HSE101 Principals of Exercise and Sport Science
- HSE102 Functional Human Anatomy
- HSE104 Research Methods and Statistics in Exercise and Sport
- HSE111 Physical Activity and Exercise for Health***
- HSH111 Introduction to Public Health and Health Promotion

- HSH112 Local and Global Environments for Health
- HSN101 Foundations of Food, Nutrition and Health
- HSN103 Food: The Environment and Consumers
- HSN107 Physiology of Human Growth and Development
- SLE111 Cells and Genes*
- SLE132 Biology: Form and Function*
- SLE115 Essential Skills in Bioscience
- SLE133 Chemistry in our World*
- SLE155 Chemistry for the Professional Sciences**
- SLE123 Physics for the life sciences

* For SLE111, SLE132 and SLE133 you must complete SLE010 Fieldwork and Laboratory Safety as a co-requisite unit

** You must successfully complete SLE133 Chemistry in our World before enrolling in SLE155 Chemistry for the professional sciences (Pre-requisite)

*** HSE111 Physical Activity and Exercise for Health is a new unit being offered from Trimester 3 2017

**When I transfer to Deakin University I want to study
Bachelor of Health Sciences (B, WP, WB, C)
Entry to Deakin University T1, T2**

Majors offered at Deakin University include (students are required to complete 2 majors)

- Environmental Health (B, WP) ● Exercise Science (B, WP C) ● Family Society and Health (B C) ● Food Studies (B) ● Health Promotion (B WP WB C) ● Health and Sustainability (B) ● Medical Biotechnology (B, WP) ● Nutrition (B, WP, WB C) ● Disability and Inclusion (B C) ● Physical Activity and Health (B, WP, WB) ● Psychological Science (B, WP, WB C) ● Psychology for Professional Development (B, WP, WB C) ● Sport Coaching (B)

Fast Track (Completing In 8 months/2 trimesters)				
1 st Trimester	CORE HBS 107 Understanding Health	CORE HBS108 Health Information and Data	Elective	Elective
2 nd Trimester	Elective	Elective	Elective	Elective

Normal Track (Completing course in 12 months/ 3 Trimesters)			
1 st Trimester	CORE HBS 107 Understanding Health	CORE HBS108 Health Information and Data	Elective
2 nd Trimester	Elective	Elective	Elective
3 rd Trimester	Elective	Elective	

Electives for majors

Students wishing to complete a **major** in the following areas should include the following subjects in their electives:

- Environmental Health (B WP) – SLE111 Cells and Genes, HSN101: Foundations of Food Nutrition and Health
- Exercise Science (B, WP C) – HSE102 Functional Anatomy, HBS109 Human Structure and Function
- Health Promotion (B, WP, WB C) – HSB110 Health Behaviour and HSH111 Introduction to Public Health and Health Promotion
- Physical Activity and Health (B, WP, WB) – HSB110 Health Behaviour, HSE111 Physical Activity and Exercise for Health***
- Food Studies (B) – HSN101 Foundations of Food, Nutrition and Health
- Nutrition (B, WP, WB)– HSN101 Foundations of Food, Nutrition and Health, HBS109 Human Structure and Function

- Health Promotion (B, WP, WB) – HSH111 Introduction to Public Health and Health Promotion
- Health and Sustainability (B) – HSH112 Local and Global Environments for Health
- Psychological Science (B, WP, WB C) – HPS111 Psychology A: Fundamentals of Human Behaviour and HPS121 Psychology B: Individual and Social Development
- Psychology for Professional Development (B, WP, WB C)– for this major students need to choose three of the following areas
 - Psychology of Health - HBS110 Health Behaviour
 - Changing Behaviour – No Level 1 units required
 - Life Course Development – No Level 1 units required
 - Employability- No Level 1 units required

Electives for minors

Students wishing to complete a **minor** in the following areas should include the following subjects in their electives:

- Exercise Science (B, WP C) – HBS109 Human Structure and Function
- Health Promotion (B, WP, WB C) – HSH111 Introduction to Public Health and Health Promotion
- Physical Activity and Health (B, WP, WB) – HSB110 Health Behaviour
- Food Studies (B) – HSN101 Foundations of Food, Nutrition and Health
- Nutrition (B, WP, WB)– HSN101 Foundations of Food, Nutrition and Health, HBS109 Human Structure and Function
- Health and Sustainability (B) – HSH112 Local and Global Environments for Health
- Psychology for Professional Development (B WP WB C) – for this minor students need to complete:
 - Psychology of Health - HBS110 Health Behaviour

And choose one of the following:

- Changing Behaviour – No level 1 units required
- Life Course Development - No level 1 units required
- Employability- No level 1 units required

Other Electives can include any of the following:

- HBS109 Human Structure and Function
- HBS110 Health Behaviour
- HPS111 Psychology A: Fundamentals of Human Behaviour
- HPS121 Psychology B: Individual and Social Development
- HSE101 Principals of Exercise and Sport Science
- HSH111 Introduction to Public Health and Health Promotion
- HSE102 Functional Human Anatomy
- HSE104 Research Methods and Statistics in Exercise and Sport
- HSE111 Physical Activity and Exercise for Health***

- HSH112 Local and Global Environments for Health
- HSN101 Foundations of Food, Nutrition and Health
- HSN103 Food: The Environment and Consumers
- HSN107 Physiology of Human Growth and Development
- SLE111 Cells and Genes*
- SLE132 Biology: Form and Function*
- SLE115 Essential Skills in Bioscience
- SLE133 Chemistry in our World*
- SLE155 Chemistry for the Professional Sciences*
- SLE123 Physics for the life sciences

* For SLE111, SLE132 and SLE133 you must complete SLE010 Fieldwork and Laboratory Safety as a co-requisite unit

** You must successfully complete SLE133 Chemistry in our World before enrolling in SLE155 Chemistry for the professional sciences (Pre-requisite)

*** HSE111 Physical Activity and Exercise for Health is a new unit being offered from Trimester 3 2017

Please see over page for additional 1st year subject details

Additional 1st Year Units to be taken at Deakin University

Students wishing to undertake the majors/minors listed below will need to complete additional units

Major or Minor	Additional Units
Family Society and Health (B C)	HSH105 Understanding Families and Health
Food Studies (B)	HSN104 Science of Food
Health and Sustainability (B)	SLE121 Environmental Sustainability (for major only)
Medical Biotechnology (B, WP)	HMM101 Introduction to Medical Biotechnology HMM102 Principals of Gene and Genomic Technology
Disability and Inclusion (B C)	HDS101 Communication and Diversity HDS106 Diversity, Disability and Social Exclusion
Sports Coaching (B)	HSE105 Principals of Sport Coaching HSE106 Introduction to Sport Coaching Practise

**When I transfer to Deakin University I want to study
Bachelor of Biomedical Science (B, WP)
Entry to Deakin University T1, T2**

Majors offered at Deakin University include (students are required to complete one major)

- Molecular Life Sciences (B)
- Environmental Health (B, WP)
- Infection and Immunity (B, WP)
- Medical Biotechnology (B, WP)
- Pharmaceutical Science (B, WP)

Fast Track (Completing In 8 months/2 trimesters)					
1 st Trimester	CORE SLE133 Chemistry in Our World*	CORE SLE115 Essential Skills in Bioscience	CORE SLE111 Cells and Genes*	Elective	Safety Unit SLE010 Fieldwork and Laboratory Safety
2 nd Trimester	CORE SLE155 Chemistry for the Professional Sciences**	CORE SLE132 Form and Function	CORE SLE123 Physics for Life Sciences	Elective	

Normal Track (Completing course in 12 months/ 3 Trimesters)				
1 st Trimester	CORE SLE133 Chemistry in Our World*	CORE SLE115 Essential Skills in Bioscience	CORE SLE111 Cells and Genes*	Safety Unit SLE010 Fieldwork and Laboratory Safety
2 nd Trimester	CORE SLE155 Chemistry for the Professional Sciences**	CORE SLE132 Form and Function*	CORE SLE123 Physics for Life Sciences	
3 rd Trimester	Elective	Elective		

* For SLE111, SLE132 and SLE133 you must complete SLE010 Fieldwork and Laboratory Safety as a co-requisite unit

** You must successfully complete SLE133 Chemistry in our World before enrolling in SLE155 Chemistry for the professional sciences (Pre-requisite)

Electives

Students who are planning to major in Environmental Health (B) should take HBS107 Understanding Health and HSN101 Food: Culture and Innovation as their electives

Other Electives can include any of the following:

- HBS107 Understanding Health
- HBS109 Human Structure and Function
- HBS108 Health Information and Data
- HBS110 Health Behaviour
- HPS111 Psychology A: Fundamentals of Human Behaviour
- HPS121 Psychology B: Individual and Social Development
- HSE101 Principals of Exercise and Sport Science
- HSE102 Functional Human Anatomy
- HSE104 Research Methods and Statistics in Exercise and Sport
- HSE111 Physical Activity and Exercise for Health***
- HSH111 Introduction to Public Health and Health Promotion
- HSH112 Local and Global Environments for Health
- HSN101 Foundations of Food, Nutrition and Health
- HSN103 Food: The Environment and Consumers
- HSN107 Physiology of Human Growth and Development

*** HSE111 Physical Activity and Exercise for Health is a new unit being offered from Trimester 3 2017

Additional 1st Year Units to be taken at Deakin University

Students wishing to undertake the majors listed below will need to complete additional units.

Major	Additional Units
Infection and Immunity (B, WP)	HMM103 Cell Technology and HMM104 Immunology and Haematology
Medical Biotechnology (B, WP)	HMM101 Introduction to Biotechnology and HMM102 Principals of Gene and Genomic Technology

**When I transfer to Deakin University I want to study
Bachelor of Public Health and Health Promotion (B, WP)
Deakin University Entry T1**

Majors are available but are optional – see majors listed in the Bachelor of Health Science

Waurin Ponds campus not available for International Students

Fast Track (Completing In 8 months/2 trimesters)				
1 st Trimester	CORE HBS 107 Understanding Health	CORE HSH111 Introduction to Public Health and Health Promotion	CORE HBS108 Health Information and Data	Elective
2 nd Trimester	CORE HBS 110 Health Behaviour	CORE HSH112 Local and Global Environments for Health	Elective	Elective

Normal Track (Completing course in 12 months/ 3 Trimesters)			
1 st Trimester	CORE HBS 107 Understanding Health	CORE HSH111 Introduction to Public Health and Health Promotion	CORE HBS108 Health Information and Data
2 nd Trimester	CORE HBS 110 Health Behaviour	CORE HSH112 Local and Global Environments for Health	Elective
3 rd Trimester	Elective	Elective	

Electives can include any of the following:

- HBS109 Human Structure and Function
- HPS111 Psychology A: Fundamentals of Human Behaviour
- HPS121 Psychology B: Individual and Social Development
- HSE101 Principals of Exercise and Sport Science
- HSE102 Functional Human Anatomy

- HSE104 Research Methods and Statistics in Exercise and Sport
- HSE111 Physical Activity and Exercise for Health***
- HSN101 Foundations of Food, Nutrition and Health
- HSN103 Food: The Environment and Consumers
- HSN107 Physiology of Human Growth and Development
- SLE111 Cells and Genes*
- SLE132 Biology: Form and Function*
- SLE115 Essential Skills in Bioscience
- SLE133 Chemistry in our World*
- SLE155 Chemistry for the Professional Sciences**
- SLE123 Physics for the life sciences

* For SLE111, SLE132 and SLE133 you must complete SLE010 Fieldwork and Laboratory Safety as a co-requisite unit

** You must successfully complete SLE133 Chemistry in our World before enrolling in SLE155 Chemistry for the professional sciences (Pre-requisite)

*** HSE111 Physical Activity and Exercise for Health is a new unit being offered from Trimester 3 2017

Additional 1st Year Units to be taken at Deakin University

All students will need to undertake HSH113 Social Perspectives on Population Health at Deakin University

When I transfer to Deakin University I want to study

Bachelor of Sport Development (B)

Deakin University Entry T1

Please note students transferring into this course will only get 4 credit points

Fast Track (Completing In 8 months/2 trimesters)				
1 st Trimester	CORE HBS107 Understanding Health	Restrictive Elective	Elective	Elective
2 nd Trimester	CORE HBS109 Human Structure and Function	Restrictive Elective	Elective	Elective

Normal Track (Completing course in 12 months/ 3 Trimesters)			
1 st Trimester	CORE HBS107 Understanding Health	Restrictive Elective	Elective
2 nd Trimester	CORE HBS109 Human Structure and Function	Restrictive Elective	Elective
3 rd Trimester	Elective	Elective	

Restrictive Electives

Students must choose two of the following electives:

- HBS108 Health Information and Data
- HBS110 Health Behaviour
- HPS121 Psychology B – Individual and Social Development
- HSE102 Functional Human Anatomy

Electives can include any of the following:

- HBS108 Health Information Data
- HBS110 Health Behaviour
- HPS111 Psychology A: Fundamentals of Human Behaviour
- HPS121 Psychology B: Individual and Social Development
- HSE101 Principals of Exercise and Sport Science
- HSE102 Functional Anatomy

- HSE104 Research Methods and Statistics in Exercise and Sport
- HSE111 Physical Activity and Exercise for Health***
- HSH111 Introduction to Public Health and Health Promotion
- HSH112 Local and Global Environments for Health
- HSN101 Foundations of Food, Nutrition and Health
- HSN103 Food: The Environment and Consumers
- HSN107 Physiology of Human Growth and Development
- SLE111 Cells and Genes*
- SLE132 Biology: Form and Function*
- SLE115 Essential Skills in Bioscience
- SLE133 Chemistry in our World*
- SLE155 Chemistry for the Professional Sciences**
- SLE123 Physics for the life sciences

* For SLE111, SLE132 and SLE133 you must complete SLE010 Fieldwork and Laboratory Safety as a co-requisite unit

** You must successfully complete SLE133 Chemistry in our World before enrolling in SLE155 Chemistry for the professional sciences (Pre-requisite)

*** HSE111 Physical Activity and Exercise for Health is a new unit being offered from Trimester 3 2017

Additional 1st Year Units to be taken at Deakin University

All Students will need to undertake the following units at Deakin University

- HSE105 Principals of Sport Coaching
- MMS100 Sport Organisation
- MMK101 Marketing Fundamentals
- MWL101 Personal Insight

**DEAKIN
COLLEGE**

in association with



Deakin University Campuses and Trimester codes

B Melbourne Burwood Campus **WP** Geelong Waurn Ponds Campus **WB** Warrnambool Campus **C** Cloud

T1 Trimester 1 entry **T2** Trimester 2 entry **T3** Trimester 3

NOTE: for Australian students entry is for T1 only. T2 entry is subject to availability of places.

CRICOS Codes: Bachelor of Arts (Psychology) 077384J, Bachelor of Biomedical Science 058793E, Bachelor of Exercise and Sport Science 045332G, Bachelor of Food and Nutrition Sciences 079318C, Bachelor of Health Sciences 052823G, Bachelor of Nursing 018327G, Bachelor of Psychological Science 079316E, Bachelor of Public Health and Health Promotion 012753D, Bachelor of Sport Development 058665B

Unit Outlines

PLEASE ENSURE YOU CHECK THE TRIMESTER 2 2017 UNIT OUTLINE FOR ANY CONTENT AND ASSESSMENT UPDATES.

HBS107 Understanding Health

This interdisciplinary unit examines a determinants approach to health and wellbeing, including: the complex range of interactions that influence the health of individuals and populations; the determinants of selected health issues in urban and rural Australia, as well as in global contexts, and explores a range of models and approaches and their impact on health outcomes.

Topics include: The concepts of health, the social determinants of health, health systems, the biological and environmental determinants, health promotion, indigenous health, settings for health, marginalised populations and global health.

Assessment: Assessment task 1 Media Analysis 20%, Assessment task 2 - health plan Review 30%, Final examination 50%

HBS108 Health Information and Data

In this unit you will learn about using online resources to search for, retrieve and evaluate a range of health information and data. The emphasis in this unit is the comprehension and critical appraisal of health information. It is important for health students and practitioners to be able to distinguish valid, well-researched health claims from poorly researched (or not researched at all), spurious health claims. This unit will introduce you to measuring health and disease in populations, qualitative methods, finding health information and data, research study designs, understanding research statistics and an introduction to evidence based practice and critical appraisal. It also assesses the importance of ethics in both research and professional practice.

Assessment: Assessment task 1 – assignment (800 words) 20%, Assessment task 2 – assignment (1200 words) 30%, Final examination 50%

HBS109 Human Structure and Function

This interdisciplinary unit provides an overview of the basic sciences of human anatomy and physiology, exploring issues of relevance to the health sciences. Specific topics to be addressed will include: organisation of the human body, outlining anatomical terms, chemical and structural bases of cell function, body tissues including integument, homeostasis and physiological control via neural and hormonal mechanisms that maintain a constant internal environment. Support and movement through an understanding of the musculo-skeletal system, and maintenance of key systems, including cardiovascular, respiratory, digestive, urinary and immune systems.

Assessment: 40% practical class quizzes, 20% intra trimester tests, 40% final examination

HBS110 Health Behaviour

This unit explores relevant health behaviour issues and their impact on an individual's health and wellbeing. These behavioural issues include: tobacco smoking, alcohol / drug use and abuse, healthy and disordered eating, weight management, engagement in exercise, managing stress, and managing chronic illness.

The unit examines the impact of socio-cognitive factors including self-efficacy and locus of control on behaviour change and how to harness this to enhance behaviour change and goal achievement. Further the unit discussed theoretical explanations

of health behaviour and how they are applied to derive effective approaches to achieving behaviour change.

The unit examines the skills and principles of behaviour modification. Students undertake experiential and reflective learning approaches to develop and understanding of the process, challenges and skills involved in health behaviour change.

Assessment: Assessment Task 1 – 3 x health behaviour journal entries (1000 words per entry) 45%, Assessment task 2 – 10 online quizzes 10%, Final Examination 45%

HPS111 Psychology A: Fundamentals of Human Behaviour

This introductory unit explores the fundamental biological underpinning of human psychology. This includes the genetic and neurological bases of behaviour, including how these processes are influenced by various environmental factors. It explores the processes that make us human, ranging from primitive and adaptive functions, such as motivation and emotion, to higher order concepts such as intelligence. The unit explores the notion of consciousness and what it means to think, and how memory and learned experiences influence who we are and how we behave. The focus is primarily on the individual elements that contribute to our understanding of human behaviour. The content is designed to allow students to reflect on their own experience with the world, and to encourage them to derive meaning from understanding the psychological processes at play. The seminar series reinforces understanding of these content areas, but from a context that emphasises the rigorously scientific nature of psychology as a discipline. The assessment tasks are designed to help students to develop industry-related skills and knowledge, as well as engaging in empathy training. The seminar

series help students to develop the real-world applied skills that are necessary for success in the unit and for work as an allied health professional.

Assessment: Assessment Task 1 40% Deconstructed research report (web-based assessment 1500 words), Final examination 60%

HPS121 Psychology B: Individual and Social Development

Following on from the biological underpinning of psychology in HPS111, HPS121 focuses on the science of the human individual in context. Different theoretical perspectives of psychological concepts relating to how we function as individuals in a social world are contrasted and evaluated throughout the unit.

We begin by looking at how we - as both biological and social beings - develop throughout the lifespan as we explore the complex interaction between biological and environmental influences. Various theoretical perspectives are applied to explore what makes up our individual personalities, and how personality is assessed. The impact of psychological disorders on individual and societal wellbeing is considered, and the different therapeutic approaches used to treat these disorders are analysed. We then examine the power of situational, societal, and cultural influences on behaviour.

The HPS121 teaching team aim to deliver challenging and fascinating psychological concepts in a way that you can apply to your own personal experiences, future study and career. In the class series, the unit will incorporate the content areas of HPS121 into a holistic understanding of the interactions and relationships between the topics, all within the context of psychology as a scientific discipline. The seminar series will enable you to develop real-world applied skills that will help you work through the

unit as well as expose you to some of the processes involved in working as an allied health professional. The assessment tasks are designed to help you develop industry-related skills and knowledge.

Though the unit content and assessments have been designed to help you broaden your understanding and skills developed in HPS111, HPS121 has been constructed so that students may do the two units in either order, or do either unit individually.

Assessment: Assessment task 1 – Laboratory report (2000 words) 40%, Final examination 60%

HSE101 Principles of Exercise and Sport Science

This unit introduces students to the key concepts of each of the sub-disciplines of sport and exercise science where they will examine how and why science informs professionals in sport, exercise and health-related occupations. More specifically, students will be introduced to the academic and professional disciplines of exercise physiology, motor learning, biomechanics, sport and exercise psychology and nutrition. This unit will also focus on the career pathways and professional development of sport and exercise scientists.

Assessment: Assessment task 1 Exercise and Sport Science Fact Sheet (800 words) 20%, Assessment task 2 - 4 Laboratory assignments (500 words) 40%, Final examination 40%.

Hurdle requirement: students must complete Level 2 First Aid course at student's expense.

HSE102 Functional Human Anatomy

This unit is designed to provide students with a comprehensive overview of the structure and function of the musculoskeletal system and how it relates to normal and abnormal human movement.

A detailed analysis of the functional anatomy of the skeletal, articular, neural and muscular systems is explored. Additional areas explored will be the role that the musculoskeletal system plays in static and dynamic posture and movement control.

Assessment: Assessment task 1- Practical class worksheets (4 x 5%) 20%, Assessment task 2 – Seminar class pop quizzes (5 x 4%) 20%, Assessment task 3 – Practical Examination (20 minutes) 30%, Final examination 30%

HSE104 Research Methods and Statistics in Exercise and Sport

This unit aims to develop students' knowledge and understanding of research design and methodology in the context of exercise and sport science (ESS). This will range from examining some different quality indicators such as validity and reliability to more applied work examining how to organise, analyse, interpret and present ESS research data. The unit will explore different ways that ESS research data are collected and analysed using both qualitative and quantitative statistical methods.

Assessment: Assessment 1: Group Project 50%, Assessment 2: Four written practical reports (12.5% each) 50%

HSE111 Physical Activity and Exercise for Health

This unit introduces students to the field of physical activity and exercise for health. Students will explore the benefits of physical activity and risks of sedentary behaviour and will gain an understanding of why people participate in physical activity and exercise. Common theories of behaviour change and key correlates of physical activity participation are explored and an introduction to physical activity interventions is provided. Throughout the unit, students are required to source and reflect on high

quality evidence in particular to design a safe physical activity program that addresses known barriers to participation and fosters adoption and maintenance.

Assessment: Assessment 1: Seminar tasks (1000 words) 40%, Assessment 2: Plan: designing a physical activity program (1000 words) 20%, Assessment 3: Final report: Designing a physical activity program (2000 words and infographic) 40%

HS111 Introduction to Public Health and Health Promotion

This unit is a core unit for the Bachelor of Public Health and Health Promotion, the combined courses with Commerce and Nursing, and is also an elective unit for a range of courses offered at the University. Through this unit, students will be introduced to the theories, models and frameworks used in both public health and health promotion; explore the evolution of public health and health promotion; examine case studies highlighting responses to public health and health promotion issues; and explore the relationship between health, policy development, and the health care system.

Assessment: Assessment 1 Reflective Journal (1000 words) 20%, Assessment 2 Written Report (1500 words) 30%, Assessment 3 Examination 50%

HS112 Local and Global Environments

This unit will introduce key concepts around environmental health and will explore the relationship between the natural, built, social, economic and political environments and human health. This unit will also introduce the concepts of sustainable development, ecosystem health and environmental justice. The content of the unit will be framed within a public health and health promotion context.

This unit comprises the study of: knowledge of past, present and emergent environmental health concerns, including infectious disease, population growth, urbanisation, global warming and drought; environments for health: the positive influences of the natural/physical, built, social, economic and political environments on human health; the role of the natural/physical, built, social, economic and political environments in human health threats; an appreciation of the different space components of environmental health: individual, neighbourhood, institutional, national, regional, global and intergenerational; human impacts on the environment, including Indigenous cultures, industrialised countries, developing countries; sustainable development and environmental justice; critical reflection on the changing context of environments and health over time.

Assessment: Assessment task 1 Reflective Learning Journals (2000 words) 40%, Assessment task 2 – Major group presentation (10 minutes) and written report (1500 words) 40%, Assessment task 3 – Online test (30 minutes) 20%

HSN101 Foundations of Food, Nutrition and Health

This unit provides students with foundation knowledge in food, nutrition and health, including food sources of nutrients, food and nutrient recommendations for health and methods for measuring food intake and behaviour, historical perspective of why we consume the foods we do today and how our scientific knowledge may influence foods we eat in the future. Students also gain an understanding of interactions between the environment, technologies developed to produce and harvest foods and scientific advances in food and nutrition. The topics include: food history, Australian food culture, food production, food sources of nutrients, food and nutrient recommendations and their relationship with health and methods used to measure food intakes and behaviours. Students also have an opportunity to

align their interests and values to future career options.

Assessment: Assessment task 1 - Three multiple choice online tests (5% each) 15%, Assessment task 2 – Written assignment (1300 words) and 1 minute video 40%, Assessment Task 3 Career Activity and Reflection (500 words) 10%, Final examination 35%

HSN103 Food: The Environment and Consumers

This unit introduces students to food consumers and the influences on their food purchasing and consumption behaviours. There are two main themes: 1) Situational and psychological influences consumers' food behaviours. Specific topics covered will include: the roles of beliefs and attitudes, needs, wants and personal values, personality and individual differences, role of emotions; the senses, perceptions, habituation, taste preferences, satiety processes, social group and cultural influences. It will also cover nutrition communication and the role of the mass media and advertising; food labels and health claims, consumer confusion. Students will also assess interests and values and the implication of these for career choices and goal setting. 2) Global influences on behaviour. Specific topics covered will include marketing strategies; nature of global food market on behaviour; the supremacy of the supermarkets; responses of markets to consumer and health issues; promotion of functional, convenience and organic foods and the role of governing bodies in the food industry.

Assessment: Assessment task 1 – Essay (2000 words) 50%, Final examination 50%

HSN107 Physiology of Human Growth and Development

This unit aims to develop student's knowledge of the biological and physiological basis of human growth

and development across the lifespan. Fundamentals of cell biology and metabolism will be applied to physiological changes occurring during foetal life, followed by the postnatal, infancy, childhood, adolescence and ageing life stages. The fundamentals of genetics and inheritance of human traits will be developed with an emphasis on inborn errors of metabolism and polymorphisms affecting nutrient needs.

Assessment: Assessment task 1 – Four online multiple choice tests (4 x 5%) 20%, Assessment task 2 – written assignment (1500 words) 30%, Final examination 50%

SLE111 Cells and Genes*

In this unit, students will be able to study the characteristics of life that are fundamental for every field in biology. Upon successful completion of Cells and Genes, students will be able to explore, examine and describe the characteristics of prokaryotic and eukaryotic cells and their molecules, including cell reproduction and communication, membrane organization and metabolism, and apply this knowledge to solve problems and perform and report on the results of experiments. This understanding of molecular cell biology forms the basis for interpreting patterns of inheritance, mechanisms and control of gene expression and the principles of DNA technologies - all of which form the second part of the unit.

Assessment: Assessment task 1 Class test 15%, Assessment task 2 - Bioinformatics assignment 7%, Assessment task 3 - Practical exercises 33%, Final examination 45%. To obtain a pass in the unit, students must submit and pass at least 4 of the 5 practical class assessments.

SLE115 Essential Skills in Bioscience

This unit is the first of a sequence of professional practice units designed specifically for students in the first year of biosciences. The unit will focus on the development of generic skills which will be of practical value to students in their bioscience studies. It will draw upon the scientific content of other first year units and utilise this context for skill-building exercises. These exercises will include research data analysis and presentation, library database searching, scientific writing and referencing, numeracy skills and introductory statistics, and basic concepts in pharmacology. Students will be encouraged to investigate career options available to them in the field of bioscience.

Assessment: Assessment task 1 mid-trimester test 20%, Assessment task 2 – 2 assignments 30%, Assessment task 3 - group assessment 10%, Final examination 40%

SLE123 Physics for the Life Sciences*

This unit introduces students to physics, particularly applying to biological systems. Topics include kinematics, forces, gravity, energy, heat, fluids, waves, sound, optics, electricity, atoms and molecules. The physical principles of each topic are developed, and then applied to a practical understanding of biological systems and appropriate applications.

Assessment: Assessment task 1 – assignments 32%, Assessment task 2 - laboratory work 18%, Final examination 50%

SLE132 Biology: Form and Function*

SLE132 introduces students to animal and plant biology. Students will explore the relationships between animal structures and their functions, and investigate the physiological processes that enable animals to adjust to environmental changes. They

will also learn aspects of animal diversity and behaviour. As students progress learning in this unit, they will study the evolutionary diversity of plants, their structure and functions, morphology and growth, reproductive biology, nutrient acquisition and transport, and their applications in biotechnology, with an emphasis on flowering plants. Examples from other plant groups and the non-plant eukaryotes, fungi and algae, will also be used for comparison and as examples during discussion.

Assessment: Assessment task 1 - Mid trimester tests 15%, Assessment task 2 - Practical exercises 35%, Assessment task 3 - Scientific report 10%; Final examination 40%

SLE133 Chemistry in Our World*

SLE133 is a foundation unit designed to develop and consolidate student understandings and skills in basic chemistry. The learning and assessment activities provide students with the opportunity to study atoms, molecules, and ions, how they change during a chemical reaction and how bonding affects properties such as intermolecular interactions, boiling points, ease of evaporation and the ability of substances to dissolve in water. Students will engage in laboratory work in order to develop their hands on skills in chemical safety and measurement and their ability to perform calculations related to substance measurement. Students will then apply these concepts of bonding, chemical change and measurement to determine the acidity and basicity of substances and the formation of buffers.

This unit can be taken as a stand-alone unit for students who need some awareness of chemistry to broaden their degree, or can be taken as a foundation for further studies in biochemistry, chemistry, and related areas like food and nutrition, molecular biology and science education.

You must have completed SLE010 in the current or a previous trimester, before you can attend any laboratory sessions.

Assessment: Assessment task 1 - In-class quizzes 20%, Assessment task 2 - Laboratory exercises and reports 30%, Assessment task 3 – Active tutorial participation 10%, Final examination 40%. To be eligible to obtain a pass in the this unit, students must achieve at least 50% in the practical component

SLE155 Chemistry for the Professional Sciences*

Students must successfully complete SLE133 before enrolling in SLE155

SLE155 builds on the student's previous chemistry knowledge about atoms, molecules, properties, reactions, measurement and acidity. Students will extend their knowledge to more advanced chemical naming, structures, and hypervalent bonding. They will be introduced to additional topics such as, chemical equilibria, solution chemistry, simple organic compounds, chirality and thermochemistry.

This unit will lead to further studies in biochemistry, chemistry, and related areas such as food and nutrition, molecular biology and science education. This unit can also be taken as an elective unit for students who want a broader knowledge of chemistry to enhance their degree.

Assessment: Assessment task 1 - In-class quizzes 20%, Assessment task 2 - Laboratory exercises and reports 40%, Final examination 40%. To be eligible to obtain a pass in the this unit, students must achieve at least 50% in the practical component

SLE010 Laboratory and Fieldwork Safety Induction Program

In SLE010, students will develop an awareness of safety measures and protocols to be followed in scientific laboratory work and fieldwork. The unit encompasses information about biological and chemical hazards, building evacuation procedures, laboratory accident management, first aid procedures and safety work procedures. Attendance in all practical classes and/or field trips may be restricted unless you have passed the online quiz with a mark of 70% or greater. Results for all units requiring the completion of SLE010 as a co-requisite may not be released until the quiz is passed.

Assessment: 100% multiple-choice examination (60 minutes) to be completed by the end of week 3. To be eligible to obtain a pass in this unit students must achieve a minimum mark of 70%. Multiple attempts at the quiz are allowed and students will print a certificate which is valid for three years.

** Enrolment in these units is subject to OH+S training currently conducted via SLE010 Laboratory and Fieldwork Safety Induction Program*