



THE UNIVERSITY
of ADELAIDE



Bachelor of Health Sciences Handbook 2016

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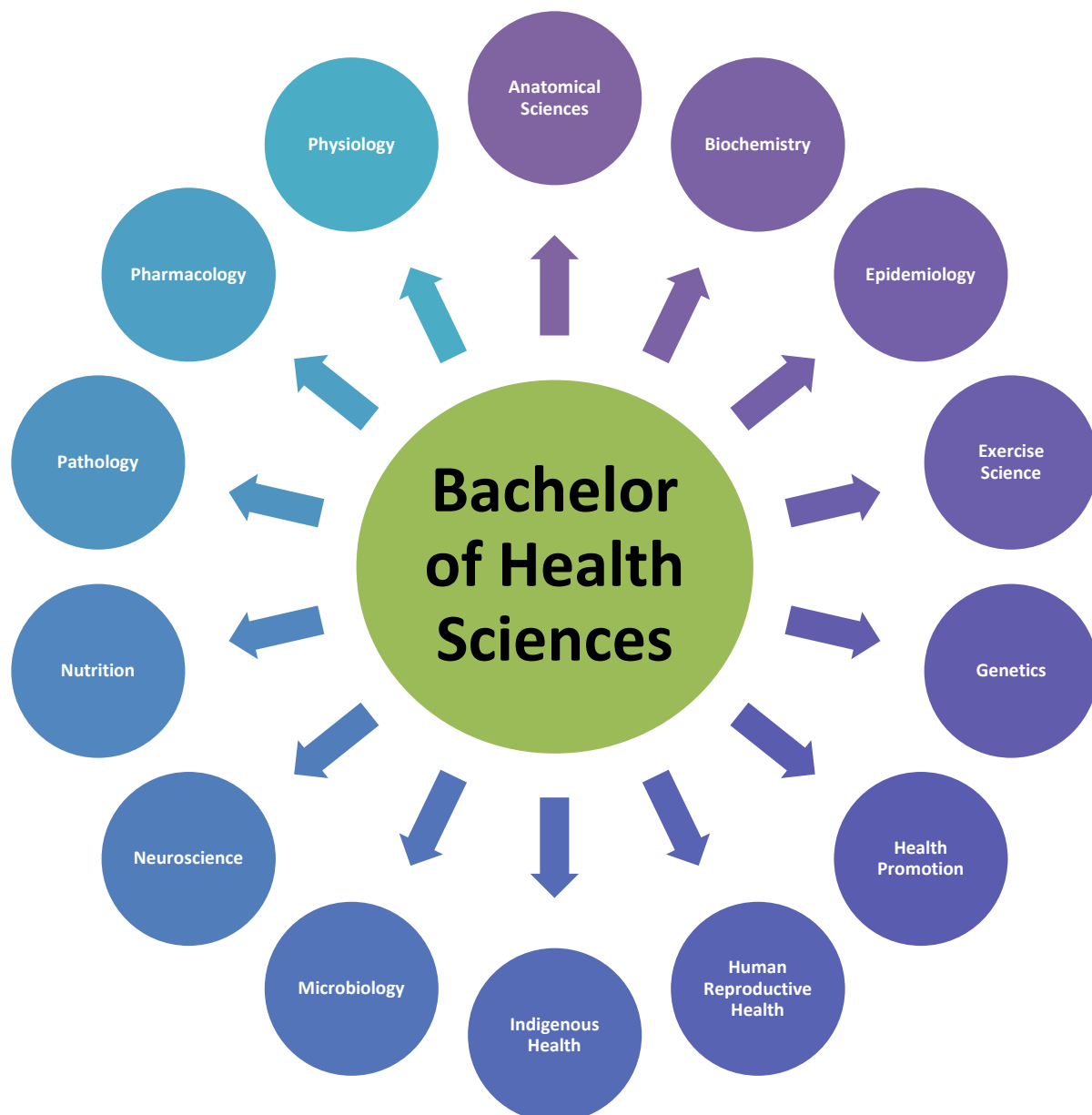
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Bachelor of Health Sciences Handbook

The Bachelor of Health Science degree is ideal for students who enjoy and hold a curiosity in the broad study of human health. This degree is flexible due to its diverse range of course offerings from a number of disciplines. Health Science students learn a number of transferable skills that are applied across engaging topics such as human structure and function, disease and infection, chemicals and drug effects on the mind and body, the function of the brain and individual, and the environmental, social and cultural influences on human behaviour. These are highly sought after skills that are useful in a wide range of careers and are not limited to health or scientific areas. The Health Sciences degree provides a broad grounding in the sciences of human health and the health of populations. Each year students will undertake half of their courses in health sciences and may choose half of their courses from electives available to them from other schools and faculties in the University. Each student must complete at least one major in health sciences and have the option to complete a second health sciences' major. Students can pursue pathways in one or more of the following:



New in 2016

We would like to introduce you to new and exciting things happening in the Bachelor of Health Sciences Program; firstly we have a new Program Coordinator A/Prof Corinna Van Den Heuvel



Corinna graduated with a Bachelor of Health Science degree at the University of Adelaide in 1993. She then achieved a first class Honours in 1994 focusing on TBI. Her PhD was on the response of amyloid precursor protein following TBI at the University of Adelaide and she completed this in 1999. During this time she was the recipient of two Young Investigator awards, numerous travel awards and was then appointed to the academic staff in the Department of Pathology in 2000.

In addition to her role as program coordinator she is the course coordinator of Essentials of Pathology III and the Pathology major coordinator. She is part of the Adelaide Centre for Neuroscience Research and her research interests are in the early response of genes and proteins to traumatic brain and stroke using immunocytochemistry and specialised molecular pathological techniques.

Corinna has successfully carried out a wide range of high level teaching responsibilities including undergraduate and postgraduate course coordination and curriculum design. This includes leadership roles in course and program reviews, active participations and enthusiastic engagement in developing learning, teaching and assessment strategies and policies at School, Faculty and University level.

And secondly we have some new exciting Level I courses

Course code	Level I Courses	Semester
HLTH SC 1000	Introduction to Forensic Sciences	1
HLTH SC 1001	Essentials of Neuroscience	2
HLTH SC 1005	Principles of Human Health and Disease	2
PUB HLTH 1004	Flies, drains & Ebola: Human health & environment	2
PUB HLTH 1005	Engaging Adelaide: Know your community	1
PUB HLTH 1006	Saving lives or respecting rights? An introduction to health ethics	2

FAST FACTS:

What do I need to know before I enrol?

JARGON

Program = degree i.e. Bachelor of Health Sciences (BHlthSc)

Course = subject (e.g. Human Biology 1A)

Level I – usually first year subjects

Level II – usually second year subjects

Level III – usually third year subjects

Unit = amount of credit allocated to each course – most courses are 3 units, some Level III courses are 6 units

Major = defined courses from a recognised discipline area which make up a substantial part of a degree program (in BHlthSc all majors are 24 units including at least 12 units at Level III)

Pre-requisite – you must pass this course first before you can enrol

Assumed knowledge – you don't have to have studied this but it is recommended

BASIC RULES (for a Full Time (FT) enrolment)

There are 24 units per year x 3 years = 72 units required to obtain a Bachelor's Degree 12 units per semester – normally this would be 4 x 3 unit courses per semester – in Level III this might be 2 x 6 unit courses or 2 x 3U + 1 x 6U

Strictly a full time enrolment only requires a minimum of 9 units per semester (any less makes your enrolment part time) – so usually 3 courses

- *If you do this your degree will take longer to complete*
- *You need to be FT to receive any Centrelink benefit*
- *Centrelink counts Summer School courses as part of Semester 1 and Winter School courses as Part of Semester 2*

CHOOSING COURSES

Every degree has CORE components and ELECTIVES – you must pass the core components as well as do a combination of other elective courses (subjects) to complete the degree

In the BHlthSc there are 3 core courses, 9 units of core courses at Level I: and 6 units at Level II.

Semester 1:

Human Biology 1A (ANAT SC 1102)

Public Health 1A (PUB HLTH 1001)

Semester 2:

Human Biology 1B (ANAT SC 1103) *

Public Health 1B (PUB HLTH 1002) *

*(*In Semester 2 you can choose either ANAT SC 1103 or PUB HLTH 1002 according to your proposed major or you may choose to take both)*

Level II

Pharmacology IIA Drugs & Health (PHARM 2100)

Biology of Disease II (PATHOL 2200)

At every level of the program you must complete 12 units of Health Sciences courses (including core courses) but the other 12 units can be open electives chosen from the Faculty of Health Sciences or from other Faculties in the University. At least 9 units of open electives must be broadening electives.

BROADENING ELECTIVES

Students must complete 9 units of Broadening Electives that are chosen from outside of the major area of study.

CLOSED ELECTIVES

Closed elective are compulsory courses that you must study in some degrees; however, you have the flexibility to choose from a select list of courses.

To find out which closed elective you need to study towards your degree see [pg63](#)

OPEN ELECTIVES

Open electives from any course that is available to Bachelor of Health Sciences students and for which you have the relevant prerequisites

Some courses are restricted to students enrolled in certain programs e.g. Law, Nursing, Media, Music, MBBS, Dentistry, Engineering; all have courses which are not available unless you are enrolled in the relevant degree.

A guide to choosing courses in the Bachelor of Health Sciences found on [p63](#). However, there are some common combinations for commencing students which are outlined below

Each course has a COURSE COORDINATOR who is responsible for organising the learning and teaching in that course you may need to make contact with Course Coordinators directly if you have questions relevant to their course.

CHOOSING MAJORS

Every student must complete at least one major in the BHLthSc. A major is a series of courses totalling 24 units where at least 12 of those units are at Level III. Majors are chosen from the areas of specialisation see [p20](#)

TEXTBOOKS

Lists of required textbooks can be found in the Course Handbook which you will normally be able to access after you have enrolled from the relevant MyUni course website.

CREDIT TRANSFER

If you have transferred from another degree program (at this University or another) you will be eligible to count some of the credit you have already earned from that program towards the BHLthSc. If you have entered via the TAFE pathway you may also be eligible for credit.

It is important to speak to the Program Coordinator about the credit you are eligible for as you may need to complete the [credit transfer application](#) (you will need to provide an official transcript/s or a certified copy of an unofficial transcript/s of your transcripts and details of the courses for which you are seeking credit).

IF YOU NEED TO SPEAK TO SOMEONE TO GET ASSISTANCE

Ask the Program Coordinator about:

- Credit transfers
- Career pathways
- Personal problems which affect your study (personal/medical issues etc.)
- If you need support of some kind

Ask the Student Advisor about:

- Program planning (putting together different courses)
- Study plans
- Transferring

Ask the Course Coordinator about:

- Things to do with each individual course textbooks, attendance, changing practicals or tutes, location of classes, extensions, assignments, enrolments

BACHELOR OF HEALTH SCIENCES MyUni COURSE

Once you are enrolled in the BHLthSc we will automatically enrol you into the BHLthSc MyUni "course" which you can access via the normal MyUni login. All enrolment advice for continuing students and other information you will need, can be found there. Please keep an eye on email announcements from that course for news and other important information about your degree.

Access to MyUni works better if you use Mozilla Firefox as internet explorer doesn't work too well, you can access MyUni through Unified on the University home page, <http://www.adelaide.edu.au/student/> once you have logged in you will see on the right hand side it will list all the courses you are enrolled in - the Bachelor of Health Sciences comes under Other Course, you may need to expand or collapse the menu to see it.

Indicative Study Plan

		12 units of Health Sciences at each Level		12 units of Electives at each Level	
Level I	S1	ANAT SC 1102 (3U) Human Biology 1A	PUB HLTH 1001(3U) Public Health 1A	Health Sciences Closed Electives /Open Elective (3U)	Health Sciences Closed Electives /Open Elective (3U)
	S2	ANAT SC 1103 (3U) * Human Biology 1B	PUB HLTH 1002 (3U) * Public Health 1B	Health Sciences Closed Electives /Open Elective (3U)	Health Sciences Closed Electives /Open Elective (3U)
Level II	S1	PHARM 2100 (3U) Pharmacology IIA: Drugs and Health	Health Sciences Elective/Major (3U)	Health Sciences Closed Electives /Open Elective (3U)	Health Sciences Closed Electives /Open Elective (3U)
	S2	PATHOL 2200 (3U) Biology of Disease	Health Sciences Elective/Major (3U)	Health Sciences Closed Electives /Open Elective (3U)	Health Sciences Closed Electives /Open Elective (3U)
Level III	S1	Health Sciences Major (3U)	Health Sciences Major (3U)	Health Sciences Closed Electives /Open Elective (3U)	Health Sciences Closed Electives /Open Elective (3U)
	S2	Health Sciences Major (3U)	Health Sciences Major (3U)	Health Sciences Closed Electives /Open Elective (3U)	Health Sciences Closed Electives /Open Elective (3U)

* In Semester 2 you can choose either ANAT SC 1103 or PUB HLTH 1002 according to your proposed major or you can take both

Planning your degree and major(s)

Although you may not know for sure what your major(s) is going to be, you do need to start to think about this from the beginning of your degree as you need to ensure you have completed the right courses at Level I, II and III to achieve your major(s).

However, in Level I almost all the major(s) include the core courses (either Human Biology 1A and B, or Public Health 1A and B). So, provided you complete your core courses, you will be fine. If you are interested in one of the Molecular & Biomedical Sciences majors (Biochemistry, Genetics, and Microbiology) you will need to choose Level I Biology and Chemistry as electives.

In the following pages we have outlined some of the common enrolment patterns that make sure you maximise your options for Level II and for your major(s).

Students may have an opportunity to complete two majors in their degree and you will need to plan to do the right Level II courses for both majors. Please note that not all combinations will work as there may be timetable clashes between the required courses.

Some common first year enrolment patterns

Not sure what direction but like science? Keep your options open for second year

- Biology: Molecules, Genes & Cells is very helpful for second year Medical Sciences courses
- Biology + Chemistry allows you to study Biochemistry in second year
- Stats Prac is a useful grounding in basic statistics and research methods
- BIOL and CHEM courses count towards your broadening electives

S1	ANAT SC 1102 (3U) Human Biology 1A	PUB HLTH 1001(3U) Public Health 1A	BIOLOGY 1101 (3U) Molecules Genes & Cells❖	CHEM 1100 (3U) * Chemistry 1A or CHEM 1101 (3U) Foundations of Chemistry
S2	ANAT SC 1103 (3U) Human Biology 1B	BIOLOGY 1: 1202 (3U) Organisms	STATS PRAC 1004 (3U) Statistical Practice (Life Sciences)	CHEM 1200 (3U) * Chemistry 1B or CHEM 1201 (3U) Foundations of Chemistry

* If you have completed SACE Stage 2 Chemistry with Subject Achievement grade of at least C+ (under review) or equivalent, YOU MUST choose Chemistry 1A - you MAY NOT enrol in Foundations of Chemistry

* Choose Foundations of Chemistry if you have not achieved this or if you have not studied chemistry SACE Stage 2 or equivalent

❖ Pre-requisite: SACE Stage 2 Chemistry with Subject Achievement grade of at least C+ or equivalent

Interested in public health (health promotion, indigenous health, and epidemiology)?

S1	ANAT SC 1102 3U) Human Biology 1A	PUB HLTH1001(3U) Public Health 1A	Open Elective*	Open Elective*
S2	Health Sciences Closed Elective*	PUB HLTH 1002(3U) Public Health 1B	Open Elective*	Open Elective*
Summer School			PUB HLTH 1003(3U) Communication for Health Sciences	

*Some electives that complement studies in public health:

Semester 1	Semester 2
ANTH 1104 - Culture & Society: Foundations of Anthropology	ANTH 1105 Anthropology of Everyday Life
GEOG 1102 Footprints on a Fragile Planet	GEOG 1101 Globalisation, Justice & a Crowded Planet
GEOG 1104 Population and Environment in Australia	GEOG 1103 Economy, Environment & Place
GSSA 1004 Introduction to Gender Studies	GSSA 1003 Gender, Work & Society
POLIS 1101 Introduction to Australian Politics	POLIS 1102 Global Politics
POLIS 1104 Comparative Politics of Rising Powers	STATS PRAC 1004 Statistical Practice (Life Sciences)
STATS PRAC 1004 Statistical Practice (Life Sciences)	
Winter School	Summer School
HIST 1107 Indigenous Culture & History	PUB HLTH 1003 Communication for Health Sciences* ❖ (this can be taken in Summer School at the end of first yr)

❖ Does not count towards broadening electives

Want to include psychology in your enrolment?

You will need all 3 first year psychology courses if you want to study psychology at second and third level, if you are planning on taking a psychology major you will need to transfer into the Bachelor of Psychological Sciences after 1st or second year.

S1	ANAT SC 1102 (3U) Human Biology 1A	PUB HLTH 1001(3U) Public Health 1A	PSYCHOL 1000 (3U) Psychology 1A	Health Sciences Closed Electives/Open Elective*
S2	Health Sciences Closed Elective*	PUB HLTH 1002 (3U) Public Health 1B	PSYCHOL 1001 (3U) Psychology 1B	PSYCHOL 1004 Research Methods in Psychology

* Electives you might like to choose:

- STATS PRAC 1004 Statistical Practice (Life Sciences)
- PUB HLTH 1003 Communication for Health Sciences - this can be taken in Summer School at the end of first year

Aiming for an Exercise Science Major

If you are planning to complete an Exercise Science major, you can choose additional electives which will contribute towards meeting the requirements for membership of Exercise and Sport Science Australia (ESSA). Membership of ESSA is required if you would like to pursue professional practice as an Exercise Scientist or further postgraduate studies in Exercise Physiology.

S1	ANAT SC 1102 (3U) Human Biology 1A	PUB HLTH 1001(3U) Public Health 1A	PSYCHOL 1000 (3U) Psychology 1A	FOOD SC 1001 WT* (3U) Food and Nutrition
S2	ANAT SC 1103 (3U) Human Biology 1B	Health Sciences Closed/Open Elective (3U)	STATS 1004 (3U) Statistical Practice I (Life Sciences)	Health Sciences Closed/Open Elective (3U)

This suggested elective might be useful for accreditation for ESSA. However, you could choose another elective. We recommend that you ensure these electives meet the requirement for broadening so that you can comply with the program rules as there may be less opportunity to choose broadening electives in your Level II or III enrolment.

Thinking about undergraduate Medicine?

You must check the 2016 undergraduate entry requirements for the University of Adelaide

Students in the Bachelor of Health Sciences are eligible to apply for the limited number of tertiary transfer places in the Bachelor of Medicine/Bachelor of Surgery program. These places are available to applicants studying the first or second year of an undergraduate degree at the University of Adelaide and who do not have any other tertiary record. All tertiary transfer applicants are still required to meet the program entry requirements and to sit the UMAT test and gain a competitive score to be invited to an interview. Your Grade Point Average will be used in lieu of an ATAR. Applicants must achieve at least a credit average (GPA of 5.0 or more to be considered). Students who have studied at another university and students undertaking 3rd level courses are ineligible to apply for the University of Adelaide MBBS program.

You can read more about the rules of entry as a tertiary transfer student in the Undergraduate Program Guide 2016 for Medicine and the 2016 Admissions guide.

http://www.adelaide.edu.au/publications/pdfs/pil_med.pdf

https://health.adelaide.edu.au/downloads/admissions/medicine_admissionsguide-web.pdf

Thinking about postgraduate Medicine?

You must check the entry requirements directly with the University you plan to study at

Entry into Postgraduate Medicine usually requires a good undergraduate degree + the GAMSAT test + an interview

S1	ANAT SC 1102 (3U) Human Biology 1A	PUB HLTH 1001(3U) Public Health 1A	PHYSICS 1100 (3U)▪ Physics 1A	CHEM 1100 (3U) * Chemistry 1A or CHEM 1101 (3U)★ Foundations of Chemistry
S2	ANAT SC 1103 (3U) Human Biology 1B	Health Sciences Closed Elective (3U)	PHYSICS 1200 (3U)▪ Physics 1B	CHEM 1200 (3U) * Chemistry 1B or CHEM 1201 (3U)★ Foundations of Chemistry

* If you have completed SACE Stage 2 Chemistry with Subject Achievement grade of at least C+ (under review) or equivalent, YOU MUST choose Chemistry 1A - you MAY NOT enrol in Foundations of Chemistry

★ Choose Foundations of Chemistry if you have not achieved this or if you have not studied chemistry SACE Stage 2 or equivalent

▪ Physics 1A requires SACE Stage 2 Physics, Math Studies, and Specialist Maths

Thinking about postgraduate clinical degrees like Physiotherapy, Paramedics, Occupational Therapy, Nutrition & Dietetics?

You must check the entry requirements directly with the University you plan to study at

- Most clinical postgraduate programs require some anatomy and physiology (done at Level II) + biology and sometimes chemistry
- Many programs also require a course in Communications (Physiotherapy, OT) and a course in Research Methods
- Nutrition & Dietetics usually requires Biochemistry (done at Level II) which means you must enrol in Level I Chemistry

S1	ANAT SC 1102 (3U) Human Biology 1A	PUB HLTH 1001(3U) Public Health 1A	BIOL 1101 (3U) Molecules Genes & Cells	CHEM 1100 (3U) * Chemistry 1A or CHEM 1101 (3U)★ Foundations of Chemistry
S2	ANAT SC 1103 (3U) Human Biology 1B	Health Sciences Closed Elective (3U)	STATS 1004 (3U) Statistical Practice I (Life Sciences) or PSYCHOL 1004 (3U) Research Methods in Psychology	CHEM 1200 (3U)* Chemistry 1B or CHEM 1201 (3U)★ Foundations of Chemistry
Summer School			PUB HLTH 1003 ❖ Communication for Health Sciences	

In Semester 2 you can choose either ANAT SC 1103 or PUB HLTH 1002 according to your proposed major or you can take both

- * If you have completed SACE Stage 2 Chemistry with Subject Achievement grade of at least C+ (under review) or equivalent, YOU MUST choose Chemistry 1A - you MAY NOT enrol in Foundations of Chemistry
- ★ Choose Foundations of Chemistry if you have not achieved this or if you have not studied chemistry SACE Stage 2 or equivalent
- ❖ If you choose Communication for Health Sciences in summer school course you will only need to enrol in 3 courses in second semester
- BUT if you need to do Chemistry as well you can enrol in Summer School also but you will earn 3U of additional credit at Level I (i.e. altogether at Level I you will have 27 units)

Studying a language in the BHlthSc

As a first year elective

You can choose languages as electives in the BHlthSc at Level I

The Faculty of Arts offers the following languages: Chinese, French, German, Indonesian*, Italian*, Japanese, Modern Greek*, and Spanish.

Language courses are taught sequentially with Part A offered in semester 1 and Part B offered in semester 2. You must complete Part A before enrolling in Part B.

Each language has a beginners and an advanced stream. You can check the entry requirements for each level using the Course Planner [here](#). If you have prior knowledge of a language or you are a native speaker, you should contact the relevant Discipline Advisor for advice or to arrange a proficiency test. A list of Discipline Advisors is available at <http://arts.adelaide.edu.au/current-students/undergrad/advisors/>

If you wish to continue studying a language at Level II, you must enrol in the Diploma in Languages (see below)

* Flinders Language Outreach (Indonesian, Modern Greek, Italian) more information please consult the Faculty of Arts advisors

As part of the Diploma in Languages

The Diploma in Languages itself is three years in duration, but is meant to be taken concurrently with full-time or part-time study in another undergraduate degree or higher. Please refer to the [University Calendar](#) which will include the Program Rules for Diploma in Languages Faculty of Arts.

The usual study pattern is:

6 units at Level I

9 units at Level II

9 units at Level III

To qualify for the Diploma, you must complete 24 units in a single language. The pathways for each language are available in the program rules and at <http://arts.adelaide.edu.au/current-students/undergrad/majorsminors/> You may only study one language toward your Diploma.

Further details:

- Students may cross count up to 12 units from the Diploma of Language towards the BHlthSc and therefore may complete the two programs in 3.5 years (however, this may depend on your course selections in the BHlthSc)
- The Diploma of Languages is not intended to be completed by overloading each semester. You should reduce the number of degree program courses in which you are enrolled in each semester to maintain an enrolment of 12 units per semester (if studying fulltime).
- Please seek advice from the BHlthSc Program Coordinator and from the Faculty of Arts on an appropriate program of study.
- You may not graduate from the Diploma in Languages until you have also satisfied the requirements of your degree program.

Double Degrees

Double degrees have 96 units (rather than 72) and take 4 years instead of 3 years to complete. LLB is a four-year degree so the double BHLthSc/LLB takes 5 years (and is 120 units).

In the first two years you study a mix of both degrees and in the third and fourth year you complete a full quota of Level III courses (24 units) from each degree

We can cross count elective credit at Level I and II (so that the core courses from one-degree count as the elective credit in the other and vice versa)

You must complete at least one Health Sciences major.

Students in double degrees ARE NOT REQUIRED to do broadening electives.

BHLthSc/LLB

		12 units of Health Sciences at each Level		12 units of LLB at each Level	
Level I	S1	ANAT SC 1102 (3U) Human Biology 1A	PUB HLTH 1001(3U) Public Health 1A	LAW 1501 Foundations of Law (3U)	LAW 1507 Tort Law (3U)
	S2	Health Sciences Closed electives	Health Sciences Closed electives	LAW 1504 Principles of Public Law (3U)	LAW 1508 International Law (3U)
Level II	S1	PHARM 2100 (3U) Pharmacology IIA: Drugs and Health	Health Sciences Elective (3U)/Major	LAW 1503 Contracts (6U)	
	S2	PATHOL 2200 (3U) Biology of Disease	Health Sciences Elective (3U)/Major	LAW 1506 Property Law (6U)	
Level III	S1	Health Sciences Major (3U)	Health Sciences Major (3U)	LAW 2502 Equity (3U)	LAW 2501 Aust. Constitutional Law (3U)
	S2	Health Sciences Major (3U)	Health Sciences Major (3U)	LAW 2505 Corporate Law (6U)	
	S1	Elective (3U)	Elective (3U)	LAW 2503 Criminal Law and Procedure (6U)	
	S2	Elective (3U)	Elective (3U)	Law Elective (3U)	LAW 2504 Administrative Law (3U)
Level IV	S1	LAW 3501 Dispute Resolution and Ethics (6U)		Law Elective (3U)	Law Elective (3U)
	S2	LAW 3502 Evidence and Proof in Theory and Practice (6U)		Law Elective (this can include the 6-unit Law Research Dissertation elective)	

In Semester 2 you can choose either ANAT SC 1103 or PUB HLTH 1002 according to your proposed major or you can take both

BHlthSc/BSocSc

		12 units of Health Sciences at Level I		12 units of Social Sciences at each Level	
Level I	S1	ANAT SC 1102 (3U) Human Biology 1A	PUB HLTH 1001(3U) Public Health 1A	POLIS 1101 (3U) Introduction to Australian Politics	ARTS 1007 (3U) The Enquiring Mind: Arts of Engagement
	S2	Health Sciences Closed electives	Health Sciences Closed electives	GEOG 1101 (3U) Globalisation, Justice and a Crowded Planet	GSSA 1003EX (3U) Gender, Work & Society
Level II	S1	PHARM 2100 (3U) Pharmacology IIA: Drugs and Health	Health Sciences Major (3U)	GEOG 2132 (3U) Social Science Techniques	Social Sciences Closed Electives (3U)
	S2	PATHOL 2200 (3U) Biology of Disease	Health Sciences Major (3U)	GSSA 2110 (3U) Social Research: Working Skills for Social Sciences	GSSA 2103 (3U) Politics, Policy and Citizenship
Level III	S1	Health Sciences Major (3U)	Health Sciences Major (3U)	GSSA3017 Social Research Advanced: Real World Practice	
	S2	Health Sciences Major (3U)	Health Sciences Major (3U)	ARTS 3200(6U) (semester 1 or 2) Arts Internship (6U) or 2 x 3U Social Sciences Closed Elective Level II or III	
	S1	Elective (3U)	Elective (3U)	Arts Electives Level III (3U)	Arts Electives Level III (3U)
	S2	Elective (3U)	Elective (3U)	Arts Electives Level III (3U)	Arts Electives Level III (3U)

In Semester 2 you can choose either ANAT SC 1103 or PUB HLTH 1002 according to your proposed major or you can take both

BHlthSc/BMaCompSc

		12 units of Health Sciences at Level I		12 units of MaCompSc at each Level	
Level I	S1	ANAT SC 1102 (3U) Human Biology 1A	PUB HLTH 1001(3U) Public Health 1A	COMP SCI 1012 (3U) Scientific Computing	MATHS 1011 (3U) * Mathematics 1A or MATHS 1013 (3U)★ Mathematics IM
	S2	Health Sciences Closed electives	Health Sciences Closed electives	STATS 1005 (3U) Statistical Analysis & Modelling I	MATHS 1012 (3U) * Mathematics 1B or MATHS 1011 (3U)★ Mathematics 1A
Level II	S1	PHARM 2100 (3U) Pharmacology IIA: Drugs and Health	Health Sciences Elective/Major (3U)	MATHS 2103 (3U) Probability & Statistics	MATHS 2101 (3U) Multivariable & Complex Calculus
	S2	PATHOL 2200 (3U) Biology of Disease	Health Sciences Elective/Major (3U)	APP MATHS 2105 (3U) Optimisation & Operations Research	STATS 2107 (3U) Statistical Modelling & Interference
Level III	S1	Health Sciences Major (3U)	Health Sciences Major (3U)	MATHS 2102 (3U) Differential Equations	APP MATHS 3001 (3U) <i>Applied Probability III</i>
	S2	Health Sciences Major (3U)	Health Sciences Major (3U)	MATHS 3015 (3U) Communication Skills III	MaCompSc Elective (3U)
	S1	Elective (3U)	Elective (3U)	STATS 3001 (3U) Statistical Modelling III	STATS 3006 (3U) Mathematical Statistics III
	S2	Elective (3U)	Elective (3U)	STATS 3008 (3U)❖ Biostatistics III	MaCompSc Elective (3U)

In Semester 2 you can choose either ANAT SC 1103 or PUB HLTH 1002 according to your proposed major or you can take both

- * Students who have undertaken SACE Stage 2 Specialist Maths will be required to enrol into Maths 1A followed by Maths 1B.
- ★ Students who have not taken SACE Stage 2 Specialist Maths will be required to enrol in Maths IM followed by Maths 1A and undertake Maths 1B in summer semester to complete the requirements at Level I
- ❖ STATS 3008 Biostatistics III is only offered in alternating years

Critical Dates 2016

Semester 1	
Semester 1 Regular Session begins	<i>Mon 29 February</i>
Last day to add courses online	<i>Mon 14 March</i>
Last day to delete courses from a student's record	<i>Thurs 31 March</i>
Due date for payment of upfront student contributions & tuition fees	<i>Thurs 17 March</i>
Census Date: Last day to withdraw without incurring liability for student contributions or tuition fees	<i>Thurs 31 March</i>
Last day to withdraw without failure (WNF)	<i>Fri 6 May</i>
Last day to withdraw fail (WF)	<i>Fri 10 June</i>
Exam period	<i>Sat 25 June - Sat 2 July</i>
Replacement exams	<i>Mon 18 July - Sat 23 July</i>
Semester 2	
Semester 2 Regular Session begins	<i>Mon 25 July</i>
Last day to add courses online	<i>Mon 8 August</i>
Last day to delete courses from a student's record	<i>Wed 31 August</i>
Due date for payment of upfront student contributions & tuition fees	<i>Wed 17 August</i>
Census Date: Last day to withdraw without incurring liability for student contributions or tuition fees	<i>Wed 31 August</i>
Last day to withdraw without failure (WNF)	<i>Fri 16 September</i>
Last day to withdraw fail (WF)	<i>Fri 28 October</i>
Exam period	<i>Sat 12 - Sat 26 November</i>
Replacement exams	<i>Mon 12 - Sat 17 December</i>

Degree Planner

Year 1 24 Units	ANAT SC 1102 Human Biology 1A	PUB HLTH 1001 Public Health 1A		
Year 2 24 Units	PHARM 2100 Pharmacology 11A Drugs and Health			
	PATHOL 2200 Biology of Diseases			
Year 3 24 units				

Life at the University

MyUni

All communications and information related to Bachelor of Health Sciences students are found on the MyUni site. Unlike other MyUni sites which are based around the courses (i.e. subjects) you are enrolled in; this site is for our Bachelor of Health Sciences program.

We use it to make announcements that are relevant to everyone in the Bachelor of Health Sciences (and the double degrees). You'll find critical dates, enrolment advice, contacts and all the program information (and majors details) here. There is also a link to the appointment bookings system.

Peer Mentoring

Our Peer Mentoring Program provides you with the opportunity to connect with experienced students to gain the knowledge and skills you'll need to settle into life at uni.

It's an informal way to meet other students and have your questions answered. Our peer mentors know from personal experience what it's like to be a new student! They give important 'insider' information' to help you fit in and feel confident so you can take the right steps towards study success. You may select a peer mentor group that meets face to face or you may prefer to be involved online. The choice is yours! Ready to find out more?

[Click here](#) to register to have a peer mentor

Campus Map

Don't get lost! Click to download a map https://www.adelaide.edu.au/campuses/mapscurrent/north_terrace.pdf

Hub Central

Hub Central is located in the heart of the North Terrace Campus, offering an inspirational place for students to meet, study, make social connections and exchange ideas. Hub Central offers student advisers, a kitchen, lockers, study/meeting rooms you can book, technology help, PCs and MACs, AV facilities, printing, projects spaces and places to eat, drink and relax. <http://www.adelaide.edu.au/hub-central/>

Go Bookings

You can make an appointment by using our online booking system <http://www.gobookings.com.au/BhIthSc>

Faculty of Health Sciences

Need to add or drop a course? Do the courses you want to do clash? Like a break from study? Plan to study overseas? Want credit for study you've done before? At Uni, there's a form for everything! Click here for more info

<http://health.adelaide.edu.au/current-students/forms-policies/>

Bachelor of Health Sciences Majors

Every student must complete at least one major in the BHLthSc. A major is a concentrated program of study in one Discipline or interdisciplinary area. You must complete at least one major but many students combine more than one major. In the latter case you must complete the required courses for each major. The Bachelor of Health Sciences program has a number of majors to choose from (see below)

Anatomical Science
Biochemistry
Epidemiology
Exercise Science
Genetics

Health Promotion
Human Reproductive Health
Indigenous Health
Microbiology
Neuroscience

Nutrition
Pathology
Pharmacology
Physiology

A single major

24 units of study in a single disciplinary or interdisciplinary area with at least 12 units at Level III

Two majors

Each major must consist of 24 units with at least 12 units at Level III. Common courses will still be counted towards both majors.

What will appear on my transcript?

Your parchment will show each major individually.

Anatomical Sciences Major



The Anatomical Sciences Major encompasses the study of the morphology of the body at macroscopic and microscopic levels and illustrates how structure relates to function.

What key skills and knowledge will I develop?

- * Research literacy, and the development and refinement of skills in communication and academic writing, oral and written scientific presentations
- * High levels of data numeracy, critical thinking, critical evaluation and analysis
- * A variety of laboratory and analytical skills, including dissection, routine and special staining, immunohistochemistry and light and electron microscopy
- * An understanding of functional anatomy, cell biology and biological processes
- * Skills in anthropometric examination and in skeletal identification for forensic and archaeological purposes
- * Skills in planning and conducting independent research

What sort of jobs could I do and where might I work?

Graduates of the Anatomical Sciences major may find careers in diagnostic or research laboratories. Alternatively, graduates may use their educational experience to improve the education of others, working as secondary **★** and tertiary level teachers. Anatomical Sciences majors may also work within government organisations such as CSIRO and nongovernment organisations, such as the Cancer Council. With further study, anatomical science majors might find a career in forensic sciences or medical sciences.

★ May require further postgraduate study

What postgraduate study options can this major lead to?

The Anatomical Sciences major is excellent preparation for suitably qualified candidates to enter the Bachelor of Health Sciences Honours program and for subsequent progression to a Masters or PhD program. An Anatomical Science major can also be used as a basis for further professional postgraduate studies, in fields such as medicine, dentistry or physiotherapy.

Program Rules for Anatomical Sciences Major

Level I **Units**

<u>ANAT SC 1102 Human Biology IA</u>	3
<u>ANAT SC 1102 Human Biology IB</u>	3

Level II

<u>ANAT SC 2109 Biology and Development of Human Tissue II</u>	3
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And/or

<u>ANAT SC 2200 Functional Human Anatomy II</u>	3
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Or a course to the value of 3 units chosen from Level II Health Sciences electives in PATHOL, PHYSIOL, PHARM, HLTH SC (listed at 2.1.3 in your program rules)

	3
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Level III

Courses to the value of at least 12 units selected from:

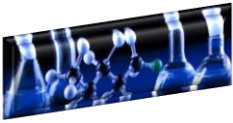
<u>ANAT SC 3101 Anthropological & Forensic Anatomy III</u>	3
<u>ANAT SC 3102 Comparative Reproductive Biology of Mammals III</u>	3
<u>ANAT SC 3103 Functional Human Neuroanatomy III</u>	3
<u>ANAT SC 3104 Investigative Cell Biology III</u>	3
<u>ANAT SC 3500 Ethics, Science & Society</u>	3

Study Plan Anatomical Sciences Major

Level 1	Semester 1	PUB HLTH 1001 Public Health 1A (3 units)	ANAT SC 1102 Human Biology 1A (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	Health Sciences Closed Elective (3 units)	ANAT SC 1103 Human Biology 1B (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 2	Semester 1	PHARM 2100 Pharmacology 11A: Drugs & Health (3 units)	ANAT SC 2109 (Semester 1) Biology and Development of Human Tissues I (3 units) And / Or	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)	ANAT SC 2200 (Semester 2) Functional Human Anatomy II (3 units) Or a course to the value of 3 Units Level II Health Sciences electives in PHYSIOL, PHARM, HLTH SC	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 3	Semester 1 & Semester 2	<p><i>Courses to the value of at least 12 units selected from:</i></p> <p>ANAT SC 3102 (Semester 1) Comparative Reproductive Biology of Mammals III (3 units)</p> <p>ANAT SC 3500 (Semester 2) Ethics, Science & Society (3 units)</p> <p>ANAT SC 3101 (Semester 2) Anthropological & Forensic Anatomy III (3 units)</p> <p>ANAT SC 3103 (Semester 1) Functional Human Neuroanatomy III (3 units)</p> <p>ANAT SC 3104 (Semester 2) Investigative Cell Biology III (3 units)</p>		Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
				Closed/Open Electives (3 units)	Closed/Open Electives (3 units)

Core	Major	Electives
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Biochemistry Major



Biochemistry is one of the three majors offered by the School of Molecular and Biomedical Sciences in the Faculty of Sciences are available to Bachelor of Health Sciences students.

What key skills and knowledge will I develop?

- * Research literacy, including excellent communication and academic writing, oral and written scientific presentations
- * High levels of data numeracy, critical thinking, critical evaluation and analysis
- * A variety of laboratory and analytical skills
- * Advanced understanding of the key concepts in each of the discipline areas

What sort of jobs could I do and where might I work?

Graduates with Molecular and Biomedical Sciences majors may consider employment in fields such as medical research, drug quality control and assurance, or in medical sales and consulting. Alternatively, students might seek careers in designing health policy, in the areas of intellectual property development, or may work as secondary **★** and tertiary **★** level teaching.

Employers may include universities, schools and hospitals, and research organisations such as the CSIRO and nongovernment organisations like the Cancer Council. Private health industries, like those that develop drug therapies, perform gene and paternity testing or who design and sell medical equipment, would also be places where graduates might work. As biotechnologies develop, private companies, such as those that sell food and drink or health and beauty care may also be looking for genetic graduates in the future, to work as researchers and consultants.

★ May require further postgraduate study

What postgraduate study options can this major lead to?

Molecular and Biomedical Sciences majors are excellent preparation for suitably qualified candidates to enter the Bachelor of Sciences Honours program and for progression to Masters by Research or PhD studies. These majors may also be used as a basis for further professional postgraduate studies, in fields such as medicine, dentistry or physiotherapy.

Program Rules for Biochemistry Major

Level I

[BIOL 1101 Molecules, Genes & Cells 3](#)

[Or](#)

[BIOL 1401 Concepts in Biology 3](#)

[CHEM 1100 Chemistry IA or CHEM 1101 Foundations of Chemistry IA 3](#)

[CHEM 1200 Chemistry IB or CHEM 1201 Foundations of Chemistry IB..... 3](#)

Level II

[BIOCHEM 2500 Biochemistry II: Molecular & Cell Biology 3](#)

[BIOCHEM 2501 Biochemistry II: Metabolism 3](#)

Level III

[BIOCHEM 3000 Molecular and Structural Biology III 6](#)

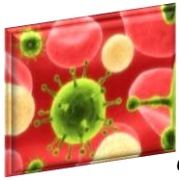
[BIOCHEM 3001 Cancer, Stem Cells and Development III 6](#)

Study Plan Biochemistry Major

Level 1	Semester 1	PUB HLTH 1001 Public Health 1A (3 units)	ANAT SC 1102 Human Biology 1A (3 units)	CHEM 1100 Chemistry 1A (3 units) Or CHEM 1101 Foundations of Chemistry 1A (3 units)	BIOLOGY 1101 Molecules, Genes & Cells (3 units)
	Semester 2	Health Sciences Closed Elective (3 units)	ANAT SC 1103 Human Biology 1B (3 units)	CHEM 1200 Chemistry 1B (3 units) Or CHEM 1201 Foundations of Chemistry 1B (3 units)	Closed/Open Electives (3 units)
Level 2	Semester 1	PHARM 2100 Pharmacology 11A: Drugs & Health (3 units)	BIOCHEM 2500 Biochemistry II: Molecular & Cell Biology (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)	BIOCHEM 2501 Cancer, Stem Cells and Development III (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 3	Semester 1	BIOCHEM 3000 Molecular and Structural Biology III (6 units)		Open/Broadening Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	BIOCHEM 3001 Cancer, Stem Cells and Development III (6 units)		Open/Broadening Electives (3 units)	Closed/Open Electives (3 units)

Core	Major	Electives
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Epidemiology Major



The Epidemiology Major aims to equip students with an understanding of the essential role of epidemiology in monitoring the health of populations and responding pro-actively to public health problems.

What key skills and knowledge will I develop?

- * Research literacy, including excellent communication and academic writing, oral and written scientific presentations
- * High levels of data numeracy, critical thinking, critical evaluation and analysis, including advanced skills in epidemiological concepts and measures and biostatistics
- * An understanding of the social determinants of health and the structure and function of the Australian health system
- * Skills and knowledge in developing public health strategies to reduce the severity of health risks for Australian populations
- * The ability to critically evaluate public health initiatives, policies and health systems
- * Knowledge of the processes in the development and evaluation of public health policy

What sort of jobs could I do and where might I work?

Epidemiology major graduates may find work in government and non-government agencies and organisations that conduct epidemiological research and projects and carry out public health surveillance. Graduates may also work in research organisations like the CSIRO or non-government research organisations like the Cancer Council and universities. Graduates of the Epidemiology major could also look for careers in health protection (such as environmental health ✦, occupational health and safety ✦, emergency services management ✦), communicable disease control and international development.

✦ May require further postgraduate study

What postgraduate study options can this major lead to?

The Epidemiology major is excellent preparation for suitably qualified candidates to enter the Bachelor of Health Sciences Honours program and for subsequent progression to a Masters or PhD program. With appropriate work experience students may consider undertaking a Master's in Public Health.

Program Rules for Epidemiology Major

Level I

[PUB HLTH 1001 Public Health 1A3](#)
[PUB HLTH 1002 Public Health 1B3](#)

Level II

[PUB HLTH 2005 Essentials of Epidemiology II3](#)
[PUB HLTH 2100 Investigating Health of Populations II3](#)

Level III

[PUB HLTH 3501 Epidemiology in Action III3](#)
[PUB HLTH 3506 Public Health Theory & Practice III6](#)
 or
[PUB HLTH 3119 Public Health Internship III6](#)

And a course to the value of at 3 units selected from:

[PUB HLTH 3122 International Health III3](#)
[PUB HLTH 3123 Evaluation for Public Health III3](#)
[PUB HLTH 3124 Health Promotion III.....3](#)
[PUB HLTH 3125 Indigenous Health III.....3](#)
[PUB HLTH 3500EX Rural Public Health III.....3](#)
[PUB HLTH 3006EX International Public Health Experience II.....3](#)

Study Plan Epidemiology Major

Level 1	Semester 1	PUB HLTH 1001 Public Health 1A (3 units)	ANAT SC 1102 Human Biology 1A (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	PUB HLTH 1002 Public Health 1B (3 units)	Health Sciences Closed Elective (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 2	Semester 1	PHARM 2100 Pharmacology 11A: Drugs & Health (3 units)	PUB HLTH 2005 Essentials of Epidemiology II (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)	PUB HLTH 2100 Investigating Health & Disease in Pop II (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 3	Semester 1	PUB HLTH 3501 Epidemiology in Action III (3 units)	And 3 units of Level III Public Health electives	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	PUB HLTH 3119 Public Health Internship III (6 units) Or PUB HLTH 3506 Pub Health Theory & Prac III (6 units)		Closed/Open Electives (3 units)	Closed/Open Electives (3 units)

Core	Major	Electives
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Exercise Science Major



Exercise Science studies how the body responds to exercise and adapts over time with exercise training and/or physical activity. The Exercise

Science Major applies this knowledge to both general and athletic populations for promotion of health and improved performance, whilst also examining the role of exercise in the therapy of chronic diseases. Exercise science encompasses not only anatomy and physiology, but also the psychological and neurological processes, looking at both positive and negative impacts of exercise.

What key skills and knowledge will I develop?

- * An understanding of exercise physiology, functional anatomy, and neurological processes that can be applied to human movement in sporting and clinical populations
- * Skills in conducting exercise tests and physiological assessments
- * Practical skills in the prescription of exercise, and the design of safe, appropriate and effective exercise programs
- * Research literacy in exercise science, and the development and refinement of skills in communication and academic writing, oral and written presentations
- * High levels of critical thinking, critical evaluation and analysis of evidence regarding exercise in health and sporting contexts
- * Basic counselling skills to provide appropriate advice and recommendations on exercise

What sort of jobs could I do and where might I work?

Graduating with a major in Exercise Science can lead to exciting opportunities in the health, fitness and sports industry. The exercise science major is a foundation program of study that could (subject to additional requirements) lead to eligibility for membership with Exercise and Sport Science Australia (ESSA). Graduates may find employment opportunities as cardiac and respiratory scientists, sports scientists (physiology and biomechanics), corporate health promotion, occupational and work conditioning including return to work services and case management), in the fitness industry, coaching sciences/sports development/management and strength and conditioning.

What postgraduate study options can this major lead to?

The Exercise Science major is excellent preparation for suitably qualified candidates to enter the Bachelor of Health Sciences Honours program to research specific aspects of exercise in a variety of settings and populations and for subsequent progression to a Masters or PhD program. An Exercise Science major can also be used as a basis for further professional postgraduate studies, in fields such as clinical exercise physiology, sport science, nutrition and dietetics or physiotherapy.

Program Rules for Exercise Science Major

Level I

[ANAT SC 1102 Human Biology 1A 3](#)
[ANAT SC 1102 Human Biology 1B 3](#)

Level II

[ANAT SC 2200 Functional Human Anatomy II 3](#)
[HLTH SC 2101 Fundamentals of Biomechanics & Human Movement 3](#)
[HLTH SC 2102 Principles of Exercise Science 3](#)
[PHYSIOL 2510 Human Physiology IIA: Heart, Lung & Neuromuscular Physiology 3](#)

Level III

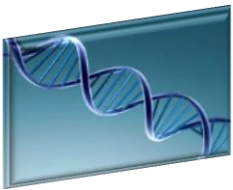
[HLTH SC 3100 Exercise, Nutrition & Metabolism 3](#)
[HLTH SC 3201 Exercise, Movement & Cognition 3](#)
[PHYSIOL 3200 Advanced Exercise Science 3](#)
[PHYSIOL 3120 Neuromotor Control of Human Movement 3](#)

Study Plan Exercise Science Major

Level 1	Semester 1	PUB HLTH 1001 Public Health 1A (3 units)	ANAT SC 1102 Human Biology 1A (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	Health Sciences Closed Elective (3 units)	ANAT SC 1103 Human Biology 1B (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 2	Semester 1	PHARM 2100 Pharmacology 11A: Drugs & Health (3 units)	PHYSIOL 2510 Physiology IIA: Heart, Lung & Neuromuscular Systems (3 units)	HLTH SC 2102 Principles of Exercise Science (3 units)	Closed/Open Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)	ANAT SC 2200 Functional Human Anatomy (3 units)	HLTH SC 2101 Fundamentals of Biomechanics & Human Movement (3 units)	Closed/Open Electives (3 units)
Level 3	Semester 1	HLTH SC 3100 Exercise, Nutrition & Metabolism (3 units)	PHYSIOL 3120 Neuromotor Control of Human Movement III (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	PHYSIOL 3200 Advanced Exercise Science III (3 units)	HLTH SC 3201 Exercise Movement & Cognition III (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)

Core	Major	Electives
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Genetics Major



Genetics is one of the three majors offered by the School of Molecular and Biomedical Sciences in the Faculty of Sciences are available to

Bachelor of Health Sciences students.

What key skills and knowledge will I develop?

- * Research literacy, including excellent communication and academic writing, oral and written scientific presentations
- * High levels of data numeracy, critical thinking, critical evaluation and analysis
- * A variety of laboratory and analytical skills
- * Advanced understanding of the key concepts in each of the discipline areas

What sort of jobs could I do and where might I work?

Graduates with Molecular and Biomedical Sciences majors may consider employment in fields such as

medical research, drug quality control and assurance, or in medical sales and consulting. Alternatively, students might seek careers in designing health policy, in the areas of intellectual property development, or may work as secondary ✦ and tertiary ✦ level teaching. Employers may include universities, schools and hospitals, and research organisations such as the CSIRO and nongovernment organisations like the Cancer Council. Private health industries, like those that develop drug therapies, perform gene and paternity testing or who design and sell medical equipment, would also be places where graduates might work. As biotechnologies develop, private companies, such as those that sell food and drink or health and beauty care may also be looking for genetic graduates in the future, to work as researchers and consultants.

✦ May require further postgraduate study

What postgraduate study options can this major lead to?

Molecular and Biomedical Sciences majors are excellent preparation for suitably qualified candidates to enter the Bachelor of Sciences Honours program and for progression to Masters by Research or PhD studies. These majors may also be used as a basis for further professional postgraduate studies, in fields such as medicine, dentistry or physiotherapy.

Program Rules for Genetics Major

Level I

[BIOL 1101 Molecules, Genes & Cells3](#)

[Or](#)

[BIOL 1401 Concepts in Biology3](#)

Level II

[GENETICS 2510 Genetics IIA: Foundation of Genetics.....3](#)

[GENETICS 2520 Genetics IIB: Function & Diversity of Genomes3](#)

Level III

[GENETICS 3111 Genes, Genomes and Molecular Evolution III.....6](#)

[GENETICS 3211 Gene Expression and Human Developmental Genetics III6](#)

Study Plan Genetics Major

Level 1	Semester 1	PUB HLTH 1001 Public Health 1A (3 units)	ANAT SC 1102 Human Biology 1A (3 units)	BIOLOGY 1101 Molecules, Genes & Cells (3 units)	Closed/Open Electives (3 units)
	Semester 2	Health Sciences Closed Elective (3 units)	ANAT SC 1103 Human Biology 1B (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 2	Semester 1	PHARM 2100 Pharmacology 11A: Drugs & Health (3 units)	GENETICS 2510 Genetics IIA: Foundation of Genetics (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)	GENETICS 2520 Genetics IIB: Function & Diversity of Genomes (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 3	Semester 1	GENETICS 3111 Genes, Genomes and Molecular Evolution III (6 units)		Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	GENETICS 3211 Gene Expression and Human Development Genetics III (6 units)		Closed/Open Electives (3 units)	Closed/Open Electives (3 units)

Core	Major	Electives
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Health Promotion Major



The Health Promotion major aims to build students' understanding of key theoretical concepts and principles in health promotion, and of contemporary challenges in the practice of health promotion.

What key skills and knowledge will I develop?

- * Research literacy, including excellent communication and academic writing, oral and written scientific presentations
- * Ability to design and critique health promotion plans and programs
- * An understanding of the social determinants of health and the structure and function of the Australian health system
- * Skills and knowledge in developing public health strategies to reduce the severity of health risks for Australian populations
- * The ability to critically evaluate public health initiatives, policies and health systems
- * Knowledge of the processes in the development and evaluation of public health policy

What sort of jobs could I do and where might I work?

Health Promotion major graduates may find work in government and non-government agencies and organisations developing, implementing and evaluating health promotion programs or work in hospitals, local councils or in private industry, managing the health of employees and consumers. Graduates may also work in research organisations like the CSIRO or non-government research organisations like the Cancer Council and universities. Graduates of the Health Promotion major could also look for careers in health policy and management, health program evaluation, community development and international health.

What postgraduate study options can this major lead to?

The Health Promotion major is excellent preparation for suitably qualified candidates to enter the Bachelor of Health Sciences Honours program and for subsequent progression to a Masters or PhD program. With appropriate work experience students may consider undertaking a Master's in Public Health.

Program Rules for Health Promotion Major

Level I

[PUB HLTH 1001 Public Health 1A 3](#)
[PUB HLTH 1002 Public Health 1B 3](#)

Level II

[PUB HLTH 2005 Essentials of Epidemiology II 3](#)
[PUB HLTH 2200 Social Foundations of Health II 3](#)

Level III

[PUB HLTH 3124 Health Promotion III..... 3](#)
[PUB HLTH 3506 Public Health Theory & Practice III 6](#)
 or
[PUB HLTH 3119 Public Health Internship III 6](#)

And a course to the value of at 3 units selected from:

[PUB HLTH 3122 International Health III 3](#)
[PUB HLTH 3123 Evaluation for Public Health III 3](#)
[PUB HLTH 3125 Indigenous Health III..... 3](#)
[PUB HLTH 3500 Rural Public Health 3](#)
[PUB HLTH 3501 Epidemiology in Action III 3](#)
[PUB HLTH 3006EX International Public Health Experience II..... 3](#)

Study Plan Health Promotion Major

Level 1	Semester 1	PUB HLTH 1001 Public Health 1A (3 units)	ANAT SC 1102 Human Biology 1A (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	PUB HLTH 1002 Public Health 1B (3 units)	Health Sciences Closed Elective (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 2	Semester 1	PHARM 2100 Pharmacology 11A: Drugs & Health (3 units)	PUB HLTH 2005 Essentials of Epidemiology II (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)	PUB HLTH 2200 Social Foundation of Health (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 3	Semester 1	PUB HLTH 3124 Health Promotion III (3 units)	And 3 units of Level III Public Health electives	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	PUB HLTH 3119 Public Health Internship III (6 units) <u>Or</u> PUB HLTH 3506 Pub Health Theory & Prac III (6 units)		Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)

Core	Major	Electives
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Human Reproductive Health Major



The Human Reproductive Health major equips graduates with knowledge about aspects of human reproductive biology, function and technologies an understanding of human population dynamics and the contribution of developmental biology to adult health.

What key skills and knowledge will I develop?

- * Research literacy, including excellent communication and academic writing, oral and written scientific presentations
- * High levels of data numeracy, critical thinking, critical evaluation and analysis
- * Insights into current understanding of the developmental biology of reproduction in humans and the application of reproductive technology to human health and disease.
- * A solid understanding of biology and pathology of reproduction, fertilisation, implantation, embryonic and fetal growth and development and adaptation to pregnancy
- * Greater awareness and understanding of the social, medical, scientific, moral and ethical issues associated with human reproduction

What sort of jobs could I do and where might I work?

Graduates of the Reproductive Health major could consider careers in the field of research into reproduction and early development. Graduates may be employed within government and nongovernment organisations in the areas of public health promotion and health surveillance around human reproduction, such as birth control and birth rates, or in private industry, such as in organisations that offer reproductive and IVF technology ✦. Reproductive Health majors are also well placed to consider postgraduate study into human and animal reproduction.

✦ *May require further postgraduate study.*

What postgraduate study options can this major lead to?

The Human Reproductive Health major is excellent preparation for suitably qualified candidates to enter the Bachelor of Health Sciences Honours program that qualifies students for entry into Masters or PhD by research programs.

Program Rules for Human Reproductive Health Major

Level I

[ANAT SC 1102 Human Biology 1A 3](#)
[ANAT SC 1103 Human Biology 1B 3](#)

Level II

[PATHOL 2200 Biology of Disease 3](#)
[PHYSIOL 2520 Human Physiology IIB: Systems & Homeostasis 3](#)
or
[ANAT SC 2109 Biology and Development of Human Tissue II..... 3](#)

Level III

[ANAT SC 3102 Comparative Reproductive Biology of Mammals III 3](#)
[OB&GYNAE 3100 Research Project in Reproductive Health III 3](#)
[OB&GYNAE 3000 Human Reproductive Health III..... 6](#)

Study Plan Human Reproductive Health Major

Level 1	Semester 1	PUB HLTH 1001 Public Health 1A (3 units)	ANAT SC 1102 Human Biology 1A (3 units)	BIOLOGY 1101 Molecules, Genes & Cells (3 units)	Open/Broadening Electives (3 units)
	Semester 2	Health Sciences Closed Elective (3 units)	ANAT SC 1103 Human Biology 1B (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 2	Semester 1	PHARM 2100 Pharmacology 11A: Drugs & Health (3 units)	ANAT SC 2109 (Semester 1) Biology and Development of Human Tissue II (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)	Or PHYSIOL 2520 (Semester 2) Human Physiology IIB: Systems & Homeostasis (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 3	Semester 1	ANAT SC 3102 Comparative Reproduction Biology of Mammals III (3 units)	O&G 3100 Research Project in Reproductive Health (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	O&G 3000 Human Reproductive Health III (6 units)		Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)

Core	Major	Electives
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Indigenous Health Major



The Indigenous Health major aims to support students to build their competency, particularly in cross-cultural and inequitable health contexts through introducing them to the 'real-life' politics of health and wellbeing for Indigenous people in Australia.

What key skills and knowledge will I develop?

- * An understanding of the social determinants of Indigenous health and the historical, cultural and structural dimensions of public health problems
- * Cultural competency, particularly in relation to cross-cultural and inequitable health contexts
- * High levels of data numeracy, critical thinking, critical evaluation and analysis
- * Skills and knowledge in developing public health strategies to reduce the severity of health risks for Indigenous Australian populations
- * Research literacy, including excellent communication and academic writing, oral and written scientific presentations
- * A strong knowledge of discourse and discursive analysis

What sort of jobs could I do and where might I work?

Indigenous health major graduates may find work in government and non-government agencies and organisations working to improve the health of Indigenous people, communities and populations. Graduates of the Indigenous Health major could also look for careers in health protection (such as environmental health ✦, occupational health and safety ✦), communicable disease control and international development.

✦ May require further postgraduate study

What postgraduate study options can this major lead to?

The Indigenous Health major is excellent preparation for suitably qualified candidates to enter the Bachelor of Health Sciences Honours program and for subsequent progression to a Masters or PhD program. With appropriate work experience students may consider undertaking a Master's in Public Health.

Program Rules for Indigenous Health Major

Level I

[PUB HLTH 1001 Public Health 1A 3](#)
[PUB HLTH 1002 Public Health 1B 3](#)

Level II

[PUB HLTH 2005 Essentials of Epidemiology II 3](#)
[PUB HLTH 2200 Social Foundations of Health II 3](#)

Level III

[PUB HLTH 3125 Indigenous Health III..... 3](#)
[PUB HLTH 3506 Public Health Theory & Practice III 6](#)
 or
[PUB HLTH 3119 Public Health Internship III 6](#)

And a course to the value of at 3 units selected from:

[PUB HLTH 3122 International Health III 3](#)
[PUB HLTH 3123 Evaluation for Public Health III 3](#)
[PUB HLTH 3124 Health Promotion III..... 3](#)
[PUB HLTH 3500 Rural Public Health III 3](#)
[PUB HLTH 3501 Epidemiology in Action III 3](#)
[PUB HLTH 3006Ex International Public Health Experience II 3](#)

Study Plan Indigenous Health Major

Level 1	Semester 1	PUB HLTH 1001 Public Health 1A (3 units)	ANAT SC 1102 Human Biology 1A (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	PUB HLTH 1002 Public Health 1B (3 units)	Health Sciences Closed Elective (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 2	Semester 1	PHARM 2100 Pharmacology 11A: Drugs & Health (3 units)	PUB HLTH 2005 Essentials of Epidemiology II (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)	PUB HLTH 2200 Social Foundation of Health (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 3	Semester 1	PUB HLTH 3125 Indigenous Health III (3 units)	And 3 units of Level III Public Health electives	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	PUB HLTH 3119 Public Health Internship III (6 units) <u>Or</u> PUB HLTH 3506 Pub Health Theory & Prac III (6 units)		Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)

Core	Major	Electives
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Microbiology Major



Microbiology is one of the three majors offered by the School of Molecular and Biomedical Sciences in the Faculty of Sciences available to Bachelor of Health Sciences students.

What key skills and knowledge will I develop?

- * Research literacy, including excellent communication and academic writing, oral and written scientific presentations
- * High levels of data numeracy, critical thinking, critical evaluation and analysis
- * A variety of laboratory and analytical skills
- * Advanced understanding of the key concepts in each of the discipline areas

What sort of jobs could I do and where might I work?

Graduates with Molecular and Biomedical Sciences majors may consider employment in fields such as medical research, drug quality control and assurance, or in medical sales and consulting. Alternatively, students might seek careers in designing health policy, in the areas of intellectual property development, or may work as secondary **★** and tertiary **★** level teaching.

Employers may include universities, schools and hospitals, and research organisations such as the CSIRO and nongovernment organisations like the Cancer Council. Private health industries, like those that develop drug therapies, perform gene and paternity testing or who design and sell medical equipment, would also be places where graduates might work. As biotechnologies develop, private companies, such as those that sell food and drink or health and beauty care may also be looking for genetic graduates in the future, to work as researchers and consultants.

★ May require further postgraduate study

What postgraduate study options can this major lead to?

Molecular and Biomedical Sciences majors are excellent preparation for suitably qualified candidates to enter the Bachelor of Sciences Honours program and for progression to Masters by Research or PhD studies. These majors may also be used as a basis for further professional postgraduate studies, in fields such as medicine, dentistry or physiotherapy.

Program Rules for Microbiology Major

Level I

[BIOL 1101 Molecules, Genes & Cells 3](#)

[Or](#)

[BIOL 1401 Concepts in Biology3](#)

Level II

[MICRO 2500 Microbiology II 3](#)

[MICRO 2501 Immunology & Virology II 3](#)

Level III

[MICRO 3000 Infection and Immunity IIIA 6](#)

[MICRO 3001 Infection and Immunity IIIB 6](#)

Study Plan Microbiology Major

Level 1	Semester 1	PUB HLTH 1001 Public Health 1A (3 units)	ANAT SC 1102 Human Biology 1A (3 units)	BIOLOGY 1101 Molecules, Genes & Cells (3 units)	Open/Broadening Electives (3 units)
	Semester 2	Health Sciences Closed Elective (3 units)	ANAT SC 1103 Human Biology 1B (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 2	Semester 1	PHARM 2100 Pharmacology 11A: Drugs & Health (3 units)	MICRO 2500 Microbiology II (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)	MICRO 2501 Immunology & Virology II (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 3	Semester 1	MICRO 3000 Infection and Immunity IIIA (6 units)		Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	MICRO 3001 Infection and Immunity IIIB (6 units)		Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)

Core	Major	Electives
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Neuroscience Major



The Neuroscience major equips students with an understanding of the fundamental organisation and functional principles of the nervous system from the biology of nerve cells and neural circuits through to the neural systems and complex behaviours.

What key skills and knowledge will I develop?

- * Research literacy, including excellent communication and academic writing, oral and written scientific presentations
- * High levels of data numeracy, critical thinking, critical evaluation and analysis of research methods ethical considerations, experimental techniques, and data processing in scientific research
- * Highly developed understanding for a range of human diseases and conditions
- * An understanding of a range of diseases and conditions affecting the central and peripheral nervous systems
- * A variety of laboratory and analytical skills, including dissection
- * Comprehensive understanding of the structure and function of the central nervous system

What sort of jobs could I do and where might I work?

Graduates of the Neuroscience major may work as diagnostic laboratory technicians, in the field of medical research or as secondary † and tertiary level teachers. Neuroscience majors may also work within therapeutic drugs administration and in research organisations like the CSIRO and nongovernment organisations that investigate neurological conditions, such as the Epilepsy Foundation or the Multiple Sclerosis Society. In conjunction with other courses, graduates of the neuroscience major may consider careers in drug development and evaluation, brain imaging and research.

† Requires further postgraduate training

What postgraduate study options can this major lead to?

The Neuroscience major is excellent preparation for suitably qualified candidates to enter the Bachelor of Health Sciences Honours program the pathway for subsequent progression to a Masters or PhD program. Neuroscience majors may prepare students for further postgraduate studies in the field of neuroscience, neuropsychology and audiology.

Program Rules for Neuroscience Major

Level I

[ANAT SC 1102 Human Biology 1A 3](#)
[ANAT SC 1103 Human Biology 1B 3](#)

Level II

[ANAT SC 2109 Biology and Development of Human Tissue II..... 3](#)
[PHYSIOL 2510 Human Physiology IIA: Heart, Lung & Neuromuscular Physiology 3](#)

Level III

[PHYSIOL 3001 Cellular & Systems Neurobiology III 6](#)

Courses to the value of at least 6 units selected from:

[PSYCHIAT 3200 Fundamentals of Biological Psychiatry III..... 3](#)
[PATHOL 3200 Neurological Diseases III 3](#)
[ANAT SC 3103 Functional Human Neuroanatomy III..... 3](#)

Study Plan Neuroscience Major

Level 1	Semester 1	PUB HLTH 1001 Public Health 1A (3 units)	ANAT SC 1102 Human Biology 1A (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	Health Sciences Closed Elective (3 units)	ANAT SC 1103 Human Biology 1B (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 2	Semester 1	PHARM 2100 Pharmacology 11A: Drugs & Health (3 units)	ANAT SC 2109 Biology and Development of Human Tissue II (3 units)	PHYSIOL 2510 Physiology IIA: Heart, Lung & Neuromuscular Systems (3 units)	Open/Broadening Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 3	Semester 1 & Semester 2	PHYSIOL 3001 (Semester 1) Cellular & Systems Neurobiology III (6 units) And Courses to the value of at least 6 units selected from:		Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
		ANAT SC 3103 (Semester 1) Integrative & Comparative Neuroanatomy III (3 units) PSYCHIAT 3210 (Semester 2) Fundamentals of Biological Psychiatry III (3 units) PATHOL 3200 (Semester 2) Neurological Diseases III (3 units)		Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)

Core	Major	Electives
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Nutrition Major



Aims to produce students who understand how nutrition requirements and challenges vary throughout the human lifecycle and how changes in nutritional requirements impact on human health

What key skills and knowledge will I develop?

- * Research literacy, including excellent communication and academic writing, oral and written scientific presentations
- * High levels of data numeracy, critical thinking, critical evaluation and analysis
- * An understanding of how basic cellular and molecular processes are regulated by dietary components and how diet can influence overall human health
- * An understanding of the acute and chronic physiological adaptations of the cardiorespiratory and neuromuscular systems to exercise
- * The ability to critically assess nutritional status, and design basic nutritional interventions
- * Skills to provide appropriate practical dietary and nutritional therapeutic advice for athletes

What sort of jobs could I do and where might I work?

Students may be employed by the government and non-government organisations, in shaping the health of individuals and populations by addressing diet related health conditions, working in hospitals, health promotion units and in medical research facilities. Graduates may also consider careers in public health management and health promotion, or may go on to work with sporting organisations in areas of sports nutrition. Outside of the health sector, nutrition major graduates may seek employment in food and beverage companies

What postgraduate study options can this major lead to?

The Nutrition major is excellent preparation for suitably qualified candidates to enter the Bachelor of Health Sciences Honours program and for subsequent progression to a Masters or PhD program. There are also opportunities for students to undertake further postgraduate studies in the field of dietetics studies, nutrition and food sciences.

Program Rules for Nutrition Major

Level I

[ANAT SC 1102 Human Biology 1A 3](#)
[ANAT SC 1103 Human Biology 1B 3](#)

Level II

[HLTH SC 2100 Fundamentals of Human Nutrition II 3](#)
[PHYSIOL 2520 Human Physiology IIB: Systems and Homeostasis 3](#)

Level III

[HLTH SC 3100 Exercise, Nutrition & Metabolism III 3](#)
[HLTH SC 3200 Life Span Nutrition III 3](#)
[FOOD SC 3502WT Nutrition III 3](#)
[ANAT SC 3104 Investigative Cell Biology III 3](#)

Study Plan Nutrition Major

Level 1	Semester 1	PUB HLTH 1001 Public Health 1A (3 units)	ANAT SC 1102 Human Biology 1A (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	Health Sciences Closed Elective (3 units)	ANAT SC 1103 Human Biology 1B (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 2	Semester 1	PHARM 2100 Pharmacology 11A: Drugs & Health (3 units)	HLTH SC 2100 Fundamentals of Human Nutrition II (3 units)		Open/Broadening Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)	PHYSIOL 2520 Physiology IIB: Systems & Homeostasis (3 units)		Open/Broadening Electives (3 units)
Level 3	Semester 1	HLTH SC 3100 Exercise, Nutrition & Metabolism (3 units)	Health Sciences Elective (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	HLTH SC 3200 Life Span Nutrition III (3 units)	ANAT SC 3104 Investigative Cell Biology (3 units)	FOOD SC 3502WT Nutrition III (3 units)	Open/Broadening Electives (3 units)

Core	Major	Electives
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Pathology Major



The pathology major aims to equip students with an understanding of the causes, mechanisms and consequences of diseases so that effective treatments and preventions can be developed.

What key skills and knowledge will I develop?

- * Research literacy, including excellent communication and academic writing, oral and written scientific presentations
- * High levels of data numeracy, critical thinking, critical evaluation and analysis
- * Skills in oral and written scientific presentations of topics in biomedical research.
- * Knowledge of pathological processes and a wide variety of common pathological conditions
- * An insight into the forensic sciences, including pathology, toxicology, anthropology and odontology and how these may help investigate crime
- * An understanding of a range of diseases and conditions affecting the central and peripheral nervous systems.
- * Self-directed learning strategies

What sort of jobs could I do and where might I work?

Graduates of the Pathology major may find careers in medical sciences, as diagnostic laboratory technicians ✦ in hospitals, blood banks, within private diagnostic industries and in biotechnology laboratories. Graduates may also consider careers in teaching in secondary schools ✦, TAFEs or university.

✦ May require further postgraduate qualifications

What postgraduate study options can this major lead to?

The Pathology major is excellent preparation for suitably qualified candidates to enter the Bachelor of Health Sciences Honours program and for subsequent progression to a Masters or PhD program. There are opportunities for students to undertake further professional postgraduate studies, such as in the field of medical research, haematology and immunology and forensic science.

Program Rules for Pathology Major

Level I

[ANAT SC 1102 Human Biology 1A 3](#)
[ANAT SC 1103 Human Biology 1B 3](#)

Level II

[PATHOL 2200 Biology of Disease 3](#)
*A course to the value of 3 units chosen from Level II electives in ANAT SC, PHYSIOL, PHARM, HLTH SC
(listed at 2.1.3 in your program rules) 3*

Level III

[PATHOL 3003 Essentials of Pathology 6](#)
[PATHOL 3100 Topics in Forensic Sciences 3](#)
[PATHOL 3200 Neurological Diseases 3](#)

Study Plans Pathology Major

Level 1	Semester 1	PUB HLTH 1001 Public Health 1A (3 units)	ANAT SC 1102 Human Biology 1A (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	Health Sciences Closed Elective (3 units)	ANAT SC 1103 Human Biology 1B (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 2	Semester 1	PHARM 2100 Pharmacology 11A: Drugs & Health (3 units)	<i>A course to the value of 3 units chosen from Level II Health Sciences electives in ANAT SC, PHYSIOL or PHARM (Semester 1)</i> Or <i>A course to the value of 3 units chosen from Level II Health Sciences electives in ANAT SC, PHYSIOL or PHARM (Semester 2)</i>	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)		Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 3	Semester 1	PATHOL 3003 Essentials of Pathology (6 units)		Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	PATHOL 3100 Topics in Forensic Science (3 units)	PATHOL 3200 Neurological Diseases (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)

Core	Major	Electives
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Pharmacology Major



The Pharmacology major equips students with an understanding of the effects of drugs on human health. It includes a study of how therapeutic drugs work in the body to treat disease while providing an appreciation of the factors that can cause negative health impacts of drugs, including recreational drugs.

What key skills and knowledge will I develop?

- * Research literacy, including excellent communication and academic writing, oral and written scientific presentations
- * High levels of data numeracy, critical thinking, critical evaluation and analysis
- * An understanding of the methods used by toxicologists, and how new drugs are discovered and developed
- * Insight into the factors that influence and govern the effects of drugs within the body
- * A variety of laboratory and analytical skills
- * Proficiency in the design and execution of research projects using modern experimental methodologies

What sort of jobs could I do and where might I work?

Graduates with a pharmacology major may consider careers in clinical trial management, drug design, development and testing and drug regulation. Alternatively, graduates may work in medical sales, or with further training, as a pharmacologist or toxicologist.

Graduates with a pharmacology major may find employment as researchers in private industry, such as in pharmaceutical companies and therapeutic drug administration organisations, or in universities and government organisations.

What postgraduate study options can this major lead to?

The Pharmacology major is excellent preparation for suitably qualified candidates to enter the Bachelor of Health Sciences Honours program and for subsequent progression to a Masters or PhD program.

NOTE: The Pharmacology major is not a qualification in Pharmacy.

Program Rules for Pharmacology Major

Level I

[ANAT SC 1102 Human Biology 1A 3](#)
[ANAT SC 1103 Human Biology 1B 3](#)

Level II

[PHARM 2100 Pharmacology IIA: Drugs & Health 3](#)
And
[PHARM 2200 Pharmacology IIB: Drugs & Society 3](#)
Or
A course to the value of 3 units selected from Level II Health Sciences electives in ANAT SC, PATHOL, PHYSIOL, HLTH SC (listed at 2.1.3 in the program rules) 3

Level III

[PHARM 3010 Pharmacology: Drug Action and Discovery 6](#)
[PHARM 3011 Pharmacology: Drug Development & Therapeutics 6](#)

Study Plan Pharmacology Major

Level 1	Semester 1	PUB HLTH 1001 Public Health 1A (3 units)	ANAT SC 1102 Human Biology 1A (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	Health Sciences Closed Elective (3 units)	ANAT SC 1103 Human Biology 1B (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 2	Semester 1	PHARM 2100 Pharmacology 11A: Drugs & Health (3 units)	<i>A course to the value of 3 units chosen from Level II Health Sciences electives in PATHOL, PHYSIOL, PHARM or HLTH SC</i> (Semester 1)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)	<u>Or</u> PHARM 2200 (Semester 2) Pharmacology IIB: Drugs & Society (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 3	Semester 1	PHARM 3010 Pharmacology: Drug Action & Discovery (6 units)		Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	PHARM 3011 Pharmacology: Drug Development & Therapeutics (6 units)		Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)

Core	Major	Electives
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Physiology Major



The Physiology major is designed to challenge and to stimulate your interest in the integration of multiple physiological systems that are necessary for whole body function and its application to human health throughout the lifespan.

What key skills and knowledge will I develop?

- * Research literacy, particularly in research methods, ethical considerations, experimental techniques, and data processing in scientific research
- * High levels of data numeracy, critical thinking, critical evaluation and analysis
- * Strong skills in both team work and individual research, including the collection, analysis, interpretation and communication of data
- * An understanding of the major organ systems of the body, including the cardiovascular, respiratory and neuromuscular systems and the role of neural and endocrine control mechanisms in maintaining health
- * An understanding of the human central nervous system function with emphasis on the physiological basis for sensation and neural processing by the brain
- * An advanced knowledge of exercise physiology with specific reference to exercise testing and prescription

What sort of jobs could I do and where might I work?

Graduates may find employment in government and non-government organizations, or in private industry. Students may also go in to work in medical research at universities, medical facilities or in private health industries. Beyond the field of clinical services, Physiology major graduates may consider careers in health economics ✦, health promotion, human resources, or teaching at secondary ✦ or tertiary levels ✦.

✦ May require further postgraduate qualifications

What postgraduate study options can this major lead to?

The Physiology major is excellent preparation for suitably qualified candidates to enter the Bachelor of Health Sciences Honours program and for subsequent progression to a Masters or PhD program. Physiology majors may prepare students for further postgraduate studies in allied health professional programs, including audiology, dietetics, exercise physiology and occupational therapy.

Program Rules for Physiology Major

Level I

[ANAT SC 1102 Human Biology 1A 3](#)
[ANAT SC 1103 Human Biology 1B 3](#)

Level II

[PHYSIOL 2510 Human Physiology IIA: Heart, Lung & Neuromuscular 3](#)
[PHYSIOL 2520 Human Physiology IIB: Systems & Homeostasis 3](#)

Level III

Courses to the value of at least 12 units selected from:

[PHYSIOL 3000 Integrative & Applied Systems Physiology 6](#)
[PHYSIOL 3001 Cellular & Systems Neurobiology 6](#)
[PHYSIOL 3200 Advanced Exercise Science 3](#)
[PHYSIOL 3120 Neuromotor Control of Human Movement 3](#)

Study Plan Physiology Major

Level 1	Semester 1	PUB HLTH 1001 Public Health 1A (3 units)	ANAT SC 1102 Human Biology 1A (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	Health Sciences Closed Elective (3 units)	ANAT SC 1103 Human Biology 1B (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 2	Semester 1	PHARM 2100 Pharmacology 11A: Drugs & Health (3 units)	PHYSIOL 2510 Physiology IIA: Heart, Lung & Neuromuscular Systems (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)	PHYSIOL 2520 Physiology IIB: Systems & Homeostasis (3 units)	Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
Level 3	Semester 1 & Semester 2	Courses to the value of 12 units selected from: PHYSIOL 3001 (Semester 1) Cellular & Systems Neurobiology (6 units) PHYSIOL 3120 (Semester 1) Neuromotor Control of Human Movement (3 units) PHYSIOL 3000 (Semester 2) Integrative & Applied Systems Physiology (6 units) PHYSIOL 3200 (Semester 2) Advanced Exercise Science (3 units)		Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)
		Open/Broadening Electives (3 units)	Open/Broadening Electives (3 units)		

Core	Major	Electives
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Your guide to choosing courses

Faculty of Health Sciences

Level I Health Sciences Courses

Subject Area	Course Code	Course Title	Units	Semester
LEVEL I CORE (COMPULSORY) COURSES				
Anatomical Sciences	ANAT SC 1102	Human Biology IA	3	1
Public Health	PUB HLTH 1001	Public Health IA	3	1
LEVEL I HEALTH SCIENCES CLOSED ELECTIVES				
Anatomical Sciences	ANAT SC 1103	Human Biology IB	3	2
Health Sciences	HLTHSC 1000	Introduction to Forensic Sciences	3	1
Health Sciences	HLTHSC 1001	Essentials of Neuroscience	3	2
Health Sciences	HLTHSC 1005	Principles of Human Health and Disease	3	2
Psychology	PSYCHOL 1000	Psychology IA	3	1
Psychology	PSYCHOL 1001	Psychology IB	3	2
Psychology	PSYCHOL 1004	Research Methods in Psychology	3	2
Public Health	PUB HLTH 1003	Communication for Health Sciences	3	Summer
Public Health	PUB HLTH 1002	Public Health IB	3	2
Public Health	PUB HLTH 1004	Flies, drains & Ebola: Human health & environment	3	2
Public Health	PUB HLTH 1005	Engaging Adelaide: Know your community	3	1
Public Health	PUB HLTH 1006	Saving lives or respecting rights? An introduction to health ethics	3	2

Level II Health Sciences Courses

There are 2 core (compulsory) courses. You must choose at least 2 more 3U Health Sciences courses. You may choose the remaining 12 units from Health Sciences courses or from any other courses available to you. When selecting Level II electives you should consider the prerequisites that you will need to complete your preferred major/s in the BHLthSc at Level III. Use the study pathway major's maps to help determine which courses will be required.

Subject Area	Course Code	Course Title	Units	Semester
LEVEL II CORE (COMPULSORY) COURSES				
Pharmacology	PHARM 2100	Pharmacology IIA: Drugs and Health	3	1
Pathology	PATHOL 2200	Biology of Disease II	3	2
LEVEL II HEALTH SCIENCE CLOSED ELECTIVES				
Anatomical Sciences	ANAT SC 2109	Biology and Development of Human Tissue	3	1
Anatomical Sciences	ANAT SC 2200	Functional Human Anatomy II	3	2
Anatomical Sciences	ANAT SC 3500*	Ethics, Science and Society	3	2
Health Sciences	HLTH SC 2100	Fundamentals in Human Nutrition	3	1
Health Sciences	HLTH SC 2101	Fundamentals of Biomechanics & Human Movement	3	2
Health Sciences	HLTH SC 2102	Principles of Exercise Science	3	1

LEVEL II HEALTH SCIENCE CLOSED ELECTIVE cont				
Pharmacology	PHARM 2200	Pharmacology IIB: Drugs and Society	3	2
Physiology	PHYSIOL 2510	Physiology IIA: Heart, Lung & Neuromuscular Systems	3	1
Physiology	PHYSIOL 2520	Physiology IIB: Systems & Homeostasis	3	2
Public Health	PUB HLTH 2005	Essentials of Epidemiology II	3	1
Public Health	PUB HLTH 2006EX	International Public Health Experience 1	3	Summer
Public Health	PUB HLTH 2006EX	International Public Health Experience 1	3	1
Public Health	PUB HLTH 2006EX	International Public Health Experience 1	3	Winter
Public Health	PUB HLTH 2006EX	International Public Health Experience 1	3	2
Public Health	PUB HLTH 2200	Social Foundations of Health II	3	2
Public Health	PUB HLTH 2100	Investigating Health & Disease in Populations II	3	2

*ANAT SC 3500 Ethics Science and Society is a Level III course that can be taken by students in their second year (at Level II) where it has been timetabled to fit most easily, or at Level III (where it may be timetable compatible depending on which major's students are undertaking)

Level III Health Sciences Courses

Please note when enrolling that some courses at Level III have a 6-unit value.

Subject Area	Course Code	Course Title	Units	Semester
Anatomical Sciences	ANAT SC 3102	Comparative Reproductive Biology of Mammals III	3	1
Anatomical Sciences	ANAT SC 3103	Functional Human Neuroanatomy III	3	1
Anatomical Sciences	ANAT SC 3500	Ethics, Science and Society	3	2
Anatomical Sciences	ANAT SC 3101	Anthropological and Forensic Anatomy III	3	2
Anatomical Sciences	ANAT SC 3104	Investigative Cell Biology	3	2
Health Sciences	HLTH SC 3100	Exercise, Nutrition & Metabolism	3	1
Health Sciences	HLTH SC 3200	Life Span Nutrition	3	2
Health Sciences	HLTH SC 3201	Exercise, Movement & Cognition	3	2
Obstetrics & Gynaecology	OB&GYNAE 3100	Research Project in Reproductive Health	3	1 & 2
Obstetrics & Gynaecology	OB&GYNAE 3000	Human Reproductive Health III	6	2
Pathology	PATHOL 3003	Essentials of Pathology	6	1
Pathology	PATHOL 3100	Topics in Forensic Sciences	3	2
Pathology	PATHOL 3200	Neurological Diseases	3	2
Pharmacology	PHARM 3010	Pharmacology: Drug Action and Discovery	6	1
Pharmacology	PHARM 3011	Pharmacology: Drug Development and Therapeutics	6	2
Physiology	PHYSIOL 3000	Integrative & Applied Systems Physiology	6	2
Physiology	PHYSIOL 3001	Cellular & Systems Neurobiology	6	1
Physiology	PHYSIOL 3120	Neuromotor Control of Human Movement	3	1
Physiology	PHYSIOL 3200	Advanced Exercise Science	3	2
Psychiatry	PSYCHIAT 3200	Fundamentals of Biological Psychiatry	3	2
Psychology	PSYCHOL 3022	Individual Differences, Personality & Assessment	3	1
Psychology	PSYCHOL 3026	Learning and Behaviour	3	1
Psychology	PSYCHOL 3027	Psychology, Science & Society	3	1
Psychology	PSYCHOL 3020	Doing Research in Psychology: Advanced	3	2

LEVEL III HEALTH SCIENCE CLOSED ELECTIVES cont.				
Psychology	PSYCHOL 3021	Health & Lifespan Development Psychology	3	2
Psychology	PSYCHOL 3023	Perception & Cognition	3	2
Public Health	PUB HLTH 3006EX	International Public Health Experience 2	3	Summer
Public Health	PUB HLTH 3006EX	International Public Health Experience 2	3	1
Public Health	PUB HLTH 3123	Evaluation in Public Health III	3	1
Public Health	PUB HLTH 3124	Health Promotion III	3	1
Public Health	PUB HLTH 3125	Indigenous Health III	3	1
Public Health	PUB HLTH 3501	Epidemiology in Action III	3	1
Public Health	PUB HLTH 3006EX	International Public Health Experience 2	3	Winter
Public Health	PUB HLTH 3122	International Health III	3	Winter
Public Health	PUB HLTH 3006EX	International Public Health Experience 2	3	2
Public Health	PUB HLTH 3506	Public Health Theory and Practice III	6	2
Public Health	PUB HLTH 3119	Public Health Internship III	6	2
Public Health	PUB HLTH 3500EX	Rural Public Health III	3	Trimester

Faculty of Sciences Courses

Note: Bachelor of Health Sciences students are **NOT PERMITTED** to enrol into BIOLOGY 1201 Biology I: Human Perspectives because of overlap in content with Human Biology 1B

Level I Faculty of Sciences Courses

Subject Area	Course Code	Course Title	Units	Semester
Biology	BIOLOGY 1101	Biology I: Molecules, Genes and Cells	3	1
Biology	BIOLOGY 1202	Biology I: Organisms	3	2
Biology	BIOLOGY 1401	Concepts in Biology	3	1
Chemistry	CHEM 1100	Chemistry IA	3	1
Chemistry	CHEM 1101	Foundations of Chemistry IA	3	1
Chemistry	CHEM 1200	Chemistry IB	3	2
Chemistry	CHEM 1201	Foundations of Chemistry IB	3	2
Chemistry	CHEM 1310	Chemistry IA(s)	3	Summer
Chemistry	CHEM 1311	Chemistry IB(S)	3	Summer
Chemistry	CHEM 1312	Foundations of Chemistry IS	3	Summer
Environmental Biol.	ENV BIOL 1002	Ecological Issues I	3	2
Food Science	FOOD SC 1000RG	Introduction to Food Technology I (Regency Park)	3	1
Food Science	FOOD SC 1001WT	Food & Nutrition (Waite Campus)	3	1
Geology	GEOLOGY 1100	Earth Systems I	3	Summer
Geology	GEOLOGY 1103	Earth Systems I	3	1
Physics	PHYSICS 1100	Physics 1A	3	1
Physics	PHYSICS 1101	Physics for the Life and Earth Sciences IA	3	1
Physics	PHYSICS 1008	Physical Aspects of Nature I	3	1
Physics	PHYSICS 1002	Astronomy I	3	2
Physics	PHYSICS 1200	Physics 1B	3	2
Physics	PHYSICS 1201	Physics for the Life and Earth Sciences IB	3	2

Level II Faculty of Sciences Courses

Subject Area	Course Code	Course Title	Units	Semester
Biochemistry	BIOCHEM 2500	Biochemistry II: Molecular and Cell Biology	3	1
Biochemistry	BIOCHEM 2501	Biochemistry II: Metabolism	3	2
Chemistry	CHEM 2510	Chemistry IIA	3	1
Chemistry	CHEM 2520	Chemistry IIB	3	2
Chemistry	CHEM 2530	Environmental & Analytical Chemistry II	3	1
Chemistry	CHEM 2540	Medicinal & Biological Chemistry II	3	2
Food Science	FOOD SC 2510WT	Nutrition II (Waite Campus)	3	2
Genetics	GENETICS 2510	Genetics IIA: Foundation of Genetics	3	1
Genetics	GENETICS 2520	Genetics IIB: Function and Diversity of Genomes	3	2
Microbiology	MICRO 2500	Microbiology II	3	1
Microbiology	MICRO 2501	Immunology & Virology II	3	2
Physics	PHYSICS 2510	Physics IIB	3	1
Physics	PHYSICS 2520	Physics IIB	3	2

Level III Faculty of Sciences Courses

Subject Area	Course Code	Course Title	Units	Semester
Biochemistry	BIOCHEM 3000	Molecular and Structural Biology III	6	1
Biochemistry	BIOCHEM 3001	Cancer, Stem Cells & Development III	6	2
Chemistry	CHEM 3111	Chemistry III	6	1
Chemistry	CHEM 3211	Synthesis of Materials III	3	2
Chemistry	CHEM 3212	Fundamentals of Materials III	3	2
Chemistry	CHEM 3213	Advanced Synthetic Methods III	3	2
Food Science	FOOD SC 3502WT	Nutrition III (Waite Campus)	3	2
Genetics	GENETICS 3111	Genes, Genomes and Molecular Evolution III	6	1
Genetics	GENETICS 3211	Gene Expression & Human Develop. Genetics III	6	2
Microbiology	MICRO 3000	Infection and Immunity IIIA	6	1
Microbiology	MICRO 3001	Infection and Immunity IIIB	6	2
Physics	PHYSICS 3542	Physics III	6	1

Faculty of Arts Courses

Level I Faculty of Arts Courses

Subject Area	Course Code	Course Title	Units	Semester
Anthropology	ANTH 1104	Culture & Society: Foundations of Anthropology	3	2
Anthropology	ANTH 1105	Anthropology of Everyday Life	3	1
Asian Studies	ASIA 1103	Asia and the World	3	2
Asian Studies	ASIA 1104	Negotiating Asia: Surviving Cultural Differences	3	2
Chinese	CHIN 1001	Chinese IA	3	1
Chinese	CHIN 1002	Chinese IB	3	2
Classics	CLAS 1003	Private Lives & Public Spectacles in Greece & Rome	3	2
Classics	CLAS 1004	The Ancient World through Film	3	1
Creative writing	CRWR 1001	Creative Writing: The Essentials	3	2
Development Studies	DEVT 1001	Introduction to International Development	3	1
English	ENGL 1101	Introduction to English: Ideas of the Real	3	1
English	ENGL 1105	Film Studies	3	2
English	ENGL 1106	Landmarks in English Literature	3	2
English	ENGL 1110	Academic English I	3	Summer
English	ENGL 1110	Academic English I	3	Winter
French	FREN 1002	French IA: Beginners' French	3	1
French	FREN 1003	French IB: Beginners' French	3	2
French	FREN 1011	French ISA: Language and Culture	3	1
French	FREN 1012	French ISB: Language and Culture	3	2
Gender Studies & Social Analysis	GSSA 1003/EX External study	Gender, Work and Society Gender, Work and Society	3	2
Gender Studies & Social Analysis	GSSA 1004/EX External study	Introduction to Gender Studies Introduction to Gender Studies	3	1
Geography	GEOG 1101	Globalisation, Justice and a Crowded Planet	3	2
Geography	GEOG 1102	Footprints on a Fragile Planet	3	1
Geography	GEOG 1103	Economy, Environment and Place	3	2
Geography	GEOG 1104	Population and Environment in Australia	3	1
German	GERM 1002	German IA: Beginners' German	3	1
German	GERM 1003	German IB: Beginners' German	3	2
History	HIST 1107	Indigenous Culture & History	3	Winter
History	HIST 1108	Empires in World History	3	1
History	HIST 1109	Revolutions that Changed the World	3	2
Indonesian	INDO 1201	Indonesian Introductory Part 1	3	1
Indonesian	INDO 1202	Indonesian Introductory Part 2	3	2
Italian	ITAL 1201	Introductory Italian Part 1	3	1
Italian	ITAL 1202	Introductory Italian Part 2	3	2

LEVEL I FACULTY OF ARTS COURSES cont.				
Japanese	JAPN 1001	Japanese IA	3	1
Japanese	JAPN 1002	Japanese IB	3	2
Linguistics	LING 1101	Foundations of Linguistics	3	1
Linguistics	LING 1102	Language and Ethnography of Communication	3	2
Modern Greek	MGRE 1201	Introductory Modern Greek Part 1	3	1
Modern Greek	MGRE 1202	Introductory Modern Greek Part 2	3	2
Music General	MUSGEN 1001	Music's of the World	3	2
Philosophy	PHIL 1101	Argument and Critical Thinking	3	1
Philosophy	PHIL 1102	Mind and World	3	1
Philosophy	PHIL 1103	Morality, Society and the Individual	3	2
Philosophy	PHIL 1110	Introduction to Logic	3	2
Politics & International Studies	POLIS 1101	Introduction to Australian Politics	3	1
Politics & International Studies	POLIS 1102	Global Politics	3	2
Politics & International Studies	POLIS 1104	Comparative Politics of Rising Powers	3	1
Spanish	SPAN 1003	Spanish IA	3	1
Spanish	SPAN 1004	Spanish IB	3	2

Level II Faculty of Arts Courses

Subject Area	Course Code	Course Title	Units	Semester
Anthropology	ANTH 2053	Life, Death and Culture	3	2
Asian Studies	ASIA 2007	Asia: Cultures & Identities	3	2
Asian Studies	ASIA 2023	Japan Today: Politics and Governance	3	1
Classics	CLAS 2008	Life in the Golden Age of Rome	3	1
Classics	CLAS 2033	Art & Archaeology of Rome: 8th c.BC – 1st c.AD	3	1
Classics	CLAS 2101	An Introduction to Latin	3	2
Creative Writing	CRWR 2004	Editing for Writers	3	2
Creative Writing	CRWR 2005	Making Contemporary Poetry	3	1
Creative Writing	CRWR 2006	I have a dream: Political Writing	3	2
Development Studies	DEVT 2100	Poverty and Social Development	3	2
Development Studies	DEVT 2101	Community, Gender and Critical Development	3	1
English	ENGL 2110	Academic English II	3	Summer
English	ENGL 2110	Academic English II	3	Winter
Gender Studies & Social Analysis	GSSA 2019	Encountering Human Rights: Global Citizenship	3	2
Gender Studies & Social Analysis	GSSA 2019EX External study	Encountering Human Rights: Global Citizenship	3	2
Gender Studies & Social Analysis	GSSA 2100	Consumption Work and the self	3	2

LEVEL II FACULTY OF ARTS COURSES cont.				
Gender Studies & Social Analysis	GSSA 2100EX External study	Consumption Work and the self	3	2
Gender Studies & Social Analysis	GSSA 2102	Gender, Bodies and Health	3	2
Gender Studies & Social Analysis	GSSA 2103	Politics, Policy & Citizenship	3	2
Gender Studies & Social Analysis	GSSA 2110	Social Research: Working Skills for Social Science	3	2
Geography	GEOG 2129	Introductory Geographic Information Systems	3	2
Geography	GEOG 2132	Social Science Techniques	3	1
Geography	GEOG 2135	Urban Futures	3	2
Geography	GEOG 2139	Environment Management	3	1
Geography	GEOG 2142	Climate Change	3	2
Geography	GEOG 2150	Indigenous People and their environment	3	Winter
History	HIST 2051	Australia and the World	3	2
History	HIST 2057	Fascism and National Socialism	3	1
History	HIST 2062	Modern America: Capitalism and Democracy	3	2
History	HIST 2069	Heresy and Witchcraft in Medieval Europe	3	1
History	HIST 2084	Russia in War & Revolution 1917 - 1953	3	2
Linguistics	LING 2014	Australian Indigenous Languages	3	Summer
Linguistics	LING 2040	Phonology	3	2
Linguistics	LING 2047	Language and Meaning	3	2
Music General	MUSGEN 2001	From Elvis to YouTube	3	1
Music General	MUSGEN 2003	Music, Media & Contemporary Society	3	2
Philosophy	PHIL 2030	Cognitive Science: Minds, Brains & Computers	3	2
Philosophy	PHIL 2032	Naturalising Morality: Evolution, Ethics & Meaning	3	1
Philosophy	PHIL 2039	Philosophy of Mind	3	1
Philosophy	PHIL 2042	Moral Problems	3	1
Politics & International Studies	POLIS 2010	Non State Actors and Transnational Politics	3	1
Politics & International Studies	POLIS 2094	Parties, Elections & Media	3	2
Politics & International Studies	POLIS 2100	Intelligence and Security after the Cold War	3	2
Politics & International Studies	POLIS 2105	Issues in Australian Politics	3	2
Politics & International Studies	POLIS 2106	Justice, Virtue and the Good	3	1
Politics & International Studies	POLIS 2113	Chinese Economy, Politics and Business	3	2
Politics & International Studies	POLIS 2122	Global Environmental Politics	3	1
Politics & International Studies	POLIS 2124	Global Justice and International Order	3	1
Politics & International Studies	POLIS 2125	Citizenship and Globalisation	3	1
Politics & International Studies	POLIS 2129	Indo-Pacific Foreign Policy	3	2
Politics & International Studies	POLIS 2130	International Political Economy	3	2
Politics & International Studies	POLIS 2131	South Asia: Conflict, Politics and Economic Change	3	1

Level III Faculty of Arts Courses

Subject Area	Course Code	Course Title	Units	Semester
Anthropology	ANTH 3027	Ethnography: Engaged Social Research	3	2
Anthropology	ANTH 3036	Contemporary Anthropology: Perspectives & Practices	6	2
Asian Studies	ASIA 3002	Australia and the Asia-Pacific	3	2
Chinese	CHIN 3007	Chinese IIIA	3	1
Chinese	CHIN 3008	Chinese IIIB	3	2
Classics	CLAS 3026	Afterlife & Underworld in Antiquity	3	1
Classics	CLAS 3027	Pagans, Saints & Magic in Antiquity	3	2
Classics	CLAS 3028	Cities Silk & Spice Routes in Roman Archaeology	3	2
Creative Writing	CRWR 3004	Writing China in Country	3	Winter
Creative Writing	CRWR 3005	Asia Pacific Conversations	3	1
Development Studies	DEVT 3003	Rights and Development	3	Winter
Development Studies	DEVT 3004	Vietnam Study Tour	3	Winter
English	ENGL 3043	Self - Writing	3	1
English	ENGL 3044	Body Culture Text	3	2
English	ENGL 3046	Old Texts Made New: Literary Imitation & Allusion	3	1
English	ENGL 3047	Rhapsody & Revolution: Romanticism & Its Legacies	3	1
English	ENGL 0348	Australian Classics: Literature & Film	3	2
Gender Studies & Social Analysis	GSSA 3001	Gender, Bodies and Health	3	2
Gender Studies & Social Analysis	GSSA 3002	Encountering Human Rights; Global Citizenship	3	2
Gender Studies & Social Analysis	GSSA 3002EX External Study	Encountering Human Rights; Global Citizenship	3	2
Gender Studies & Social Analysis	GSSA 3003	Consumption, Work and the Self	3	1
Gender Studies & Social Analysis	GSSA 3003 External Study	Consumption, Work and the Self	3	1
Geography	GEOG 3019	Biogeography and Biodiversity Conversation	3	2
Geography	GEOG 3021	Introduction to Environmental Impact Assessment	3	1
Geography	GEOG 3023	Cities in Developing Worlds	3	1
History	HIST 3035	Reel History: World War II in Film	3	2
History	HIST 3038	Aftermath: Aboriginal Lives in 20th Century	3	1
History	HIST 3052	Aboriginal Peoples and the Colonial World	3	1
History	HIST 3054	Protest and Revolution in Modern Europe	3	1
Linguistics	LING 3013	Australian Indigenous Language	3	Summer
Linguistics	LING 3016	Morphology and Syntax	3	2
Linguistics	LING 3017	Revivalistics, Cross-fertilization & Wellbeing	3	1
Linguistics	LING 3019	Languages in the C21: Cultural Contact & New Words	3	2

LEVEL III FACULTY OF ARTS COURSES cont.				
Music General	MUSGEN 3003	Music & Ideology	3	2
Music General	MUSGEN 3005	Village Voices - Greenwich Village in the 1960s	3	1
Politics & International Studies	POLIS 3101	Strategic Culture and International Security	3	1
Politics & International Studies	POLIS 3102	Dilemmas of the Modern State	3	2
Politics & International Studies	POLIS 3104	Transforming Global Governance	3	2

Faculty of Engineering, Computer & Mathematical Sciences (ECMS) courses

Level I Faculty of ECMS Courses

Subject Area	Course Code	Course Title	Units	Semester
Computer Sciences	COMP SCI 1010	Puzzle Based Learning	3	1
Computer Sciences	COMP SCI 1012	Scientific Computing	3	1
Computer Sciences	COMP SCI 1101	Introduction to Programming	3	1
Computer Sciences	COMP SCI 1102	Object Oriented Programming	3	1
Computer Sciences	COMP SCI 1103	Algorithm Design and Data Structures	3	1
Computer Sciences	COMP SCI 1104	Grand Challenges in Computer Science	3	2
Computer Sciences	COMP SCI 1105	Web & Database Computing	3	2
Computer Sciences	COMP SCI 1101	Introduction to Programming	3	2
Computer Sciences	COMP SCI 1102	Object Oriented Programming	3	2
Computer Sciences	COMP SCI 1103	Algorithm Design and Data Structures	3	2
Computer Sciences	COMP SCI 1106	Introduction to Software Engineering	3	2
Computer Sciences	COMP SCI 1201	Introduction to Programming for Engineers	3	1
Computer Sciences	COMP SCI 1201	Introduction to Programming for Engineers	3	2
Mathematics	MATHS 1008	Mathematics for Information Technology I	3	2
Mathematics	MATHS 1009	Introduction to Financial Mathematics I	3	1
Mathematics	MATHS 1010	Applications of Quantitative Methods in Finance I	3	2
Mathematics	MATHS 1011	Mathematics IA	3	1
Mathematics	MATHS 1011	Mathematics IA	3	2
Mathematics	MATHS 1012	Mathematics IB	3	1
Mathematics	MATHS 1012	Mathematics IB	3	2
Mathematics	MATHS 1012	Mathematics IB	3	Summer
Mathematics	MATHS 1013	Mathematics IM	3	1
Statistics	STATS 1004	Statistical Practice I (Life Sciences)	3	1
Statistics	STATS 1004	Statistical Practice I (Life Sciences)	3	2
Statistics	STATS 1005	Statistical Analysis & Modelling I	3	2

Level II Faculty of ECMS Courses

Subject Area	Course Code	Course Title	Units	Semester
Applied Mathematics	APP MTH 2105	Optimisation and Operations Research II	3	2
Computer Sciences	COMP SCI 2000	Computer Systems	3	1
Computer Sciences	COMP SCI 2000	Computer Systems	3	2
Computer Sciences	COMP SCI 2005	Systems Programming	3	1
Computer Sciences	COMP SCI 2203	Problem Solving & Software Development	3	2
Computer Sciences	COMP SCI 2204	Advanced Programming Paradigms	3	2
Mathematics	MATHS 2100	Real Analysis II	3	2
Mathematics	MATHS 2101	Multivariable & Complex Calculus II	3	1
Mathematics	MATHS 2102	Differential Equations II	3	1
Mathematics	MATHS 2103	Probability & Statistics II	3	1
Mathematics	MATHS 2104	Numerical Methods II	3	2
Statistics	STATS 2107	Statistical Modelling and Inference II	3	2

Level III Faculty of ECMS Courses

Subject Area	Course Code	Course Title	Units	Semester
Applied Mathematics	APP MTH 3001	Applied Probability III	3	1
Applied Mathematics	APP MTH 3002	Fluid Mechanics III	3	1
Applied Mathematics	APP MTH 3014	Optimisation III	3	1
Applied Mathematics	APP MTH 3016	Random Processes III	3	2
Applied Mathematics	APP MTH 3020	Stochastic Decision Theory III	3	2
Applied Mathematics	APP MTH 3021	Modelling with Ordinary Differential Equations III	3	1
Applied Mathematics	APP MTH 3022	Optimal Functions and Nanomechanics III	3	2
Applied Mathematics	APP MTH 3023	Partial Differential Equations and Waves III	3	2
Computer Sciences	COMP SCI 3001	Computer Networks & Applications	3	1
Computer Sciences	COMP SCI 3004	Operating Systems	3	2
Computer Sciences	COMP SCI 3005	Computer Architecture	3	1
Computer Sciences	COMP SCI 3012	Financial Modelling: Tools & Techniques III	3	2
Statistics	STATS 3001	Statistical Modelling III	3	1
Statistics	STATS 3005	Time Series III	3	2
Statistics	STATS 3006	Mathematical Statistics III	3	1

Faculty of the Professions Courses

Level I Faculty of Professions Courses

Subject Area	Course Code	Course Title	Units	Semester
Accounting	ACCTING 1002	Introductory Accounting I	3	1
Accounting	ACCTING 1002	Introductory Accounting I	3	2
Accounting	ACCTING 1003	Accounting Information Systems I	3	2
Commercial Law	COMMLAW 1004	Commercial Law I	3	1
Commercial Law	COMMLAW 1004	Commercial Law I	3	2
Economics	ECON 1000	Principles of Macroeconomics I	3	1
Economics	ECON 1002	Australia in the Global Economy I	3	1
Economics	ECON 1004	Principles of Microeconomics I	3	summer
Economics	ECON 1005	Introduction to Mathematical Economics (Basic) I	3	1
Economics	ECON 1008	Business and Economic Statistics I	3	1
Economics	ECON 1008	Business and Economic Statistics I	3	2
Economics	ECON 1008	Business and Economic Statistics I	3	summer
Economics	ECON 1009	International Financial Institutions & Markets I	3	1
Economics	ECON 1009	International Financial Institutions & Markets I	3	2
Marketing	MARKETING 1001	Introduction to Marketing I	3	1
Marketing	MARKETING 1001	Introduction to Marketing I	3	2

Level II Faculty of Professions Courses

Subject Area	Course Code	Course Title	Units	Semester
Accounting	ACCTING 2500	Management Accounting II	3	1
Accounting	ACCTING 2500	Management Accounting II	3	2
Accounting	ACCTING 2501	Financial Accounting II	3	1
Accounting	ACCTING 2501	Financial Accounting II	3	2
Accounting	ACCTING 2503	Accounting Information Systems II	3	1
Accounting	ACCTING 2503	Accounting Information Systems II	3	2
Commercial Law	COMMLAW 2500	Commercial Law II	3	1
Commercial Law	COMMLAW 2500	Commercial Law II	3	2
Commercial Law	COMMLAW 2502	Legal Aspects of International Business II	3	2
Economics	ECON 2504	Intermediate Econometrics II	3	1
Economics	ECON 2504	Intermediate Econometrics II	3	2
Economics	ECON 2504	Intermediate Econometrics II	3	summer
Economics	ECON 2506	Intermediate Microeconomics A II	3	1
Economics	ECON 2506	Intermediate Microeconomics A II	3	2
Economics	ECON 2507	Intermediate Macroeconomics II	3	1
Economics	ECON 2507	Intermediate Macroeconomics II	3	2

LEVEL II FACULTY OF PROFESSIONS COURSES cont.				
Economics	ECON 2508	Financial Economics II	3	2
Economics	ECON 2511	Thinking Strategically II	3	1
Management	COMMGMGT 2500	Organisational Behaviour II	3	2
Management	COMMGMGT 2502	Organisational Dynamics II	3	2
Management	COMMGMGT 2503	Small and Family Business Perspectives II	3	1
Marketing	MARKETNG 2501	Consumer Behaviour II	3	2

Level III Faculty of Professions Courses

Subject Area	Course Code	Course Title	Units	Semester
Accounting	ACCTING 3500	Accounting Theory III	3	1
Accounting	ACCTING 3500	Accounting Theory III	3	2
Accounting	ACCTING 3503	Advanced Management Accounting III	3	2
Commercial Law	COMMLAW 3500	Income Tax Law III	3	1
Commercial Law	COMMLAW 3500	Income Tax Law III	3	2
Commercial Law	COMMLAW 3501	Business Tax & GST III	3	1
Economics	ECON 3500	Resource and Environmental Economics III	3	1
Economics	ECON 3501	Development Economics III	3	1
Economics	ECON 3502	Econometrics III	3	1
Economics	ECON 3503	Game Theory III	3	2
Economics	ECON 3506	International Trade III	3	1
Economics	ECON 3508	Public Economics III	3	2
Economics	ECON 3509	International Economic History III	3	2
Economics	ECON 3510	International Finance III	3	2
Economics	ECON 3511	Money, Banking and Financial Markets III	3	1
Economics	ECON 3516	Industrial Organisation III	3	2
Economics	ECON 3519	Advanced Mathematical Economics III	3	2
Management	COMMGMGT 3500	International Management III	3	1
Management	COMMGMGT 3501	Strategic Management III	3	2
Management	COMMGMGT 3502	Human Resource Management III	3	1
Management	COMMGMGT 3506	Managing Conflict and Change III	3	1
Marketing	MARKETNG 3500	Marketing Communications III	3	Summer
Marketing	MARKETNG 3500	Marketing Communications III	3	1
Marketing	MARKETNG 3501	International Marketing III	3	2
Marketing	MARKETNG 3502	Market Research III	3	1
Marketing	MARKETNG 3503	Market Strategy and Project III	3	2
Marketing	MARKETNG 3504	Services Marketing III	3	2
Marketing	MARKETNG 3505	Management of Brands III	3	1

Choosing other electives from other Faculties in the University

You can also choose electives from any other University of Adelaide course which is **not restricted to a particular Program** and for which **you have the required prerequisites**.

Restricted courses include (but may not be limited to):

Medicine	Dentistry	Oral Health	Nursing
Music	Animal Science	Building and Design	Other Science and Engineering Courses
Law	Any Courses with a code 4XXX and above		

To determine your eligibility for a particular course using the Course Planner

1. Check whether the course has any Restrictions

The screenshot shows the University Course Planner interface for the course MDIA 1002 - Introduction to Media: D. A callout bubble states: "This course is not available to B Health Sciences students; enrolment is restricted to Bachelor of Media students".

Career:	Undergraduate
Units:	3
Term:	Semester 1
Campus:	North Terrace
Contact:	Up to 3 hours per week
Restriction:	Available to BMedia students only
Available for Non-Award Study:	No
Assessment:	Diagnostic exercise (10%), essay (25%), online projects (30%), creative exercise (25%), participation (10%)
Syllabus:	Why is digital media being seen as creatively, socially and politically transformative? What is 'collective intelligence' and how is it empowered by digital tools? How are 'amateur' media makers impacting on mainstream media practices? This course provides answers to the important questions being asked about new digital technologies and encourages creative experimentation with freeware, and critical, reflexive participation in social media sites. It explores the links between earlier communication forms and media institutions, and contemporary digital and mobile technologies. Forms of media interactivity and methods of media analysis are introduced, as are selected theories and debates about media's historical role in shaping social, cultural, economic, and political relations.

2. Check whether you have completed the relevant Prerequisites

The screenshot shows the University Course Planner interface for the course ENGL 2050 - Gothic. A callout bubble states: "This course is available for Bachelor of Health Sciences students to enrol in, provided they have completed at least 12".

Career:	Undergraduate
Units:	3
Term:	Semester 2
Campus:	North Terrace
Contact:	Up to 3 hours per week
Available for Non-Award Study:	Yes
Pre-Requisite:	At least 12 units of undergraduate study
Assumed Knowledge:	Familiarity with the reading & analysis of literary texts equivalent to Level I English standard
Incompatible:	ENGL 1002 & ENGL 2023 & ENGL 3023
Assessment:	Participation including a seminar presentation (10%), 500 word annotated bibliography (15%), 2000 word essay (35%), exam (40%)
Syllabus:	This course introduces students to texts from the late eighteenth, nineteenth and twentieth centuries belonging to or illustrating variations on the gothic mode. Texts will include fiction, short fiction and poetry. Students will gain an understanding of the historical evolution of gothic literary conventions, and of the ways these conventions have been enlisted in contemporary writing practices. The course will introduce students to some of the social, cultural and political issues to which the gothic mode has responded, and to some of the theoretical perspectives that have been brought to bear on the gothic literary tradition.

Course codes for courses that are usually unrestricted (but you must check in course planner)

Science Courses

Chemistry	CHEM
Food Science	FOOD SC
Physics	PHYSICS

Humanities and Social Science Courses

Anthropology	ANTH
Asian Studies	ASIA
Development Studies	DEVT
English	ENGL
Gender Studies & Social Analysis	GSSA
Geography	GEOG
History	HIST
Linguistics	LING
Philosophy	PHIL
Politics & International Studies	POLI

At Level I students may also choose to study a language. If students wish to continue with language studies after first year they may then add a Diploma of Languages to their undergraduate program and transfer the credit from Level, I and select two other Level I courses to replace it. Please seek study planning advice

Engineering, Computer and Mathematical Sciences Courses

Applied Mathematics	APP MTH
Computer Sciences	COMP SCI
Mathematics	MATHS
Statistics	STATS

Business and Economics Courses

Accounting	ACCTING
Economics	ECON
Management	COMMGMT
Marketing	MARKETING
Corporate Finance	CORPFIN
Ecommerce	ECOMMRCE
International Business	INTBUS

If you are unsure whether the course you would like to take is open to you, please contact the Course Coordinator for that course and confirm your eligibility.

If the course is unrestricted and you meet the prerequisite requirements, then you may enrol and count the credit towards your BHLthSc without seeking prior approval from the Program Coordinator.

IF YOU REQUIRE ASSISTANCE IN IDENTIFYING AND SELECTING APPROPRIATE ELECTIVES PLEASE CONTACT THE BHLTHSC TEAM 8313 2128 OR b.healthsc@adelaide.edu.au YOU CAN BOOK A STUDY PLAN ADVICE APPOINTMENT USING THE ONLINE BOOKING SYSTEMS <http://www.gobookings.com.au/BhlthSc>

