

Bachelor of Health Sciences (Advanced)
Handbook 2016

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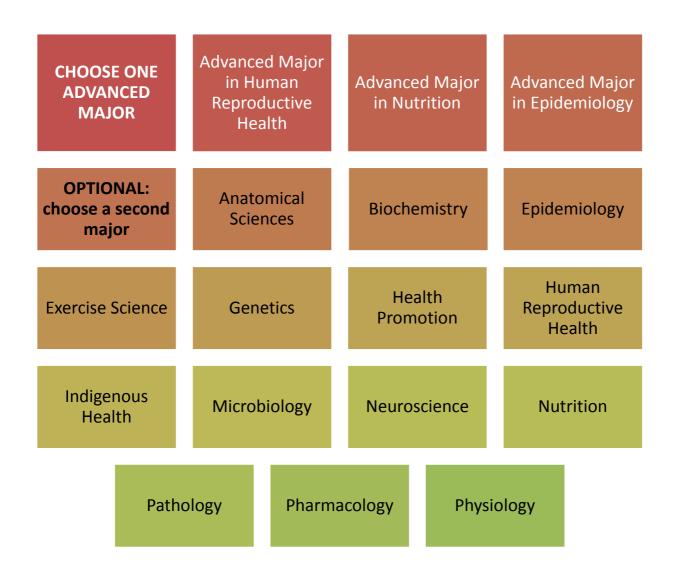
NEW IN 2016	5
FAST FACTS:	6
What do I need to know before I enrol?	6
Indicative Study Plan	8
PLANNING YOUR DEGREE AND MAJOR(S)	8
Some common first year enrolment patterns	9
Want to include psychology in your enrolment?	10
Aiming for an Exercise Science Major?	10
Thinking about undergraduate Medicine?	11
Thinking about postgraduate Medicine?	11
Thinking about postgraduate clinical degrees like Physiotherapy, Paramedics, Occupational Therapy, Nutrition &	
Studying a language in the BHlthSc (Adv)	
Critical Dates 2016	14
Degree Planner	15
LIFE AT THE UNIVERSITY	16
MAJORS (AREAS OF SPECIALISATION)	17
Advanced Majors	
Second major options	17
ADVANCED DEGREE MAJORS	19
Epidemiology Advanced Degree major	
Human Reproductive Health Advanced Degree major	
Nutrition Advanced Degree major	25
OPTIONAL SECOND MAJOR FOR BHLTHSC (ADV) STUDENTS	28
Anatomical Sciences (second) Major	
Biochemistry (second) Major	32
Epidemiology (second) Major	35
Exercise Science (second) Major	37
Genetics (second) Major	40
Health Promotion (second) Major	
Human Reproductive Health (second) Major	
Indigenous Health (second) Major	
Microbiology (second) Major	
Neuroscience (second) Major	
Nutrition (second) Major	
Pathology (second) Major	
Pharmacology (second) Major	
Physiology (second) Major	
YOUR GUIDE TO CHOOSING COURSES	68
FACULTY OF HEALTH SCIENCES	
FACULTY OF SCIENCES COURSES	
FACULTY OF ARTS COURSES	
FACULTY OF ENGINEERING, COMPUTER & MATHEMATICAL SCIENCES (ECMS) COURSES	
FACULTY OF THE PROFESSIONS COURSES	
CHOOSING OTHER ELECTIVES FROM OTHER FACULTIES IN THE UNIVERSITY	80

Bachelor of Health Sciences (Advanced) Handbook

The Bachelor of Health Sciences (Advanced) degree is ideal for high achieving students who enjoy and hold a curiosity in the broad study of human health. This degree has a specialised focus on research yet is flexible due to its diverse range of course offerings from a number of disciplines.

Health Sciences 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.

Students will have the opportunity to undertake an advanced research project in areas which the University has an international research reputation, such as nutrition, human reproductive health and epidemiology. In addition to undertaking a research project, students in the Bachelor of Health Sciences (Advanced) degree join our mentoring scheme, where they are paired with an academic throughout their degree, and gain broader exposure to health sciences through cohort activities.



New in 2016

We would like to introduce you to new and exciting things happening in the Bachelor of Health Sciences (Advanced) Program. Firstly, we have a new Program Coordinator Dr Kathy Gatford.



Kathy is a Senior Lecturer in the School of Medicine, University of Adelaide and research group leader in the Robinson Research Institute.

Kathy's research focuses on understanding how the environment in early life programs subsequent function including metabolic homeostasis, and testing interventions to prevent these adverse effects

of a poor pregnancy in pre-clinical models. Since 2007, she has been awarded over \$2.3 million in research funding, including from NHMRC, Diabetes Australia Research Trust and the CRC for an Internationally Competitive Pork Industry. Kathy was awarded the sole Diabetes Australia Research Trust Type 2 Millennium Award for 2014-2015 (\$150,000) as CIA to investigate exercise as an intervention after IUGR, and currently holds industry funding to investigate early life effects on reproduction in pigs (APL, 2015-2017, \$150,000). Recently, Kathy has been awarded NHMRC project funding to investigate effects of shiftwork during pregnancy (CIB, 2016-2018, with CIA Prof David Kennaway & CIC Dr Tamara Varcoe). Kathy previously held and managed two NHMRC project grants (CIA, 2010-2012, \$733,500; CIC: Preventing insulin resistance and obesity following fetal growth restriction, 2011-2013, \$891,732).

In her teaching role (since 2008), Kathy co-ordinates the Honours program across the Disciplines of Obstetrics & Gynaecology and Paediatrics (students in Bachelor of Health Sciences Honours and Honours in the Bachelor of Medical Sciences). She also coordinates, lectures in and manages and moderates assessment for Human Reproductive Health III (6 units, level 3 BHlthSc program), and teaches into the Bachelor of Health Sciences (Advanced) program (level II, Experimental Methods for Health Sciences) and level I of the MBBS (Fundamentals of Biological Science). Further, Kathy has been a member of the group developing and implementing the Bachelor of Health Sciences (Advanced) program since 2013 and led curriculum development and implementation in 2014 of the course Research Project in Reproductive Health (3 units, level II BHlthSc). Kathy says "I am delighted that from 2016 I will also be Program Coordinator for the Bachelor of Health Sciences (Advanced)."

And secondly we have some new exciting Level I courses, designed to let you sample your areas of interest in the Health Sciences from the very start of your program.

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 (Advanced) or (BHlthSc (Adv))

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 (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 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 Full Time 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 a combination of other elective courses (subjects) to complete the degree.

In the BHlthSc (Adv) there are 6 core courses, 9 units of core courses at Level I; 6 units at Level II; and 6 units at Level III as follows:

Core courses:

Level I

Semester 1:

Human Biology 1A (ANAT SC 1102) Public Health 1A (PUB HLTH 1001)

Semester 2:

Human Biology 1B (ANAT SC 1103)* OR Public Health 1B (PUB HLTH 1002)*

(*these courses are prerequisites for specific majors, so which you choose will depend on which major you plan to take. Taking both will keep your options open for any of the advanced majors)

PLUS

Courses to the value of 3 units from the following:

Human Biology 1B (ANAT SC 1103)

Introduction to Forensic Sciences (HLTH SC 1000)

Essentials of Neuroscience (HLTH SC 1001)

Principles of Human Health and Disease (HLTH SC 1005)

Public Health 1B (PUB HLTH 1002)

Communication for Health Sciences (PUB HLTH 1003)

Flies, drains & Ebola: human health & environment (PUB HLTH 1004)

Engaging Adelaide - Knowing your community (PUB HLTH 1005)

Saving lives or respecting rights? An introduction to health ethics (PUB HLTH 1006)

Level II

Experimental Research in Health Sciences (Adv) II (HEALTH

Biology of Disease II (PATHOL 2200)

Level III

Research Placement for Health Sciences (HEALTH 3000)

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

During their degree, students must complete 9 units of Broadening Electives that are chosen from outside of the major area of study.

OPEN ELECTIVES

Open electives are selected from any course that is available to Bachelor of Health Sciences (Advanced) students and for which you have the relevant prerequisites.

Some courses are restricted to students enrolled in certain programs. For example, Law, Nursing, Media, Music, MBBS, Dentistry, Engineering, Veterinary Science 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 (Advanced) can be found on pg63 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 can find the course coordinator and their contact details in Course Outlines here.

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 Advanced Degree major in the BHlthSc (Adv) from Epidemiology, Human Reproductive Health, and Nutrition. BHlthSc (Adv) students may choose to complete a second major from the majors in the BHlthSc, but cannot undertake two of the Advanced degree majors. Descriptions of the BHlthSc (Adv) majors start on page 19 of this Handbook, and for the BHlthSc majors on page 28 of this Handbook.

TEXTBOOKS

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

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 (Adv). 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 <u>credit transfer application</u> (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 location of classes. extensions. assignments, enrolments, timetable clashes

BACHELOR OF HEALTH SCIENCES (ADVANCED) MyUni COURSE

Once you are enrolled in the BHlthSc (Adv) we will automatically enrol you into the BHlthSc (Adv) 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, including invitations to cohort experience events.

Access to MyUni works better if you use Mozilla Firefox rather than 'Internet Explorer'. You can access MyUni through Unified on the University home http://www.adelaide.edu.au/student/. Once you have logged in, you will see on the right hand side a list of all the courses you are enrolled in - the Bachelor of Health Sciences (Advanced) 'course' comes under Other Courses (you may need to expand or collapse the menu to see it).

PLEASE NOTE:

Currently there are no double degree pathways for the BHlthSc (Adv). If you want to consider adding a degree, we suggest you talk to the Program Coordinator about 'concurrent' degrees, or you can elect to transfer to a double degree with the Bachelor of Health Sciences.

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 Elective /Open Elective (3U)	Health Sciences Closed Elective /Open Elective (3U)
	S2	ANAT SC 1103 (3U) * Human Biology 1B	PUB HLTH 1002 (3U) * Public Health 1B	Health Sciences Closed Elective /Open Elective (3U)	Health Sciences Closed Elective /Open Elective (3U)
Level II	S1	HEALTH 2000 (3U) Experimental Research in Health Sciences (Adv) II	Health Sciences Elective/Major (3U)	Health Sciences Closed Elective /Open Elective (3U)	Health Sciences Closed Elective /Open Elective (3U)
	S2	PATHOL 2200 (3U) Biology of Disease	Health Sciences Elective/Major (3U)	Health Sciences Closed Elective /Open Elective (3U)	Health Sciences Closed Elective /Open Elective (3U)
Level III	S1	HEALTH 3000 (6U) Research Placement for Health Sciences	Health Sciences Major (3U)	Health Sciences Closed Elective /Open Elective (3U)	Health Sciences Closed Elective /Open Elective (3U)
	S2		Health Sciences Major (3U)	Health Sciences Closed Elective / Open Elective (3U)	Health Sciences Closed Elective /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 (are) 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 (BUT if you later major in Biochemistry, then BIOL and CHEM are NOT considered broadening electives; if you later major in Genetics or Microbiology, then BIOL coursesare NOT considered 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

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		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	ANTH 1105 Anthropology of Everyday Life	
Anthropology		
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)	

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

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 (Advanced) 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 Level III 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

[∞] Physics 1B has a prerequisite of Physics 1A and corequisite of MATHS 1012

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
- 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		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 (Adv)

As a first year elective

You can choose languages as electives in the BHlthSc (Adv) 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). You can do this either when enrolling at Level I, or at the end of your first year.

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 (Adv) and therefore may complete the two programs in 3.5 years (however, this may depend on your course selections in the BHlthSc (Adv))
- 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 BHIthSc (Adv) 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.

Critical Dates 2016

Semester 1	
Semester 1 Regular Session begins	Mon 29 February
Last day to add courses online	Mon 14 March
Last day to delete courses from a student's record	Thur 31 March
Due date for payment of upfront student contributions & tuition fees	Thur 17 March
Census Date: Last day to withdraw without incurring liability for student contributions or tuition fees	Thur 31 March
Last day to withdraw without failure (WNF)	Fri 6 May
Last day to withdraw fail (WF)	Fri 10 June
Exam period	Sat 25 June - Sat 2 July
Replacement exams	Mon 18 July - Sat 23 July

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

Degree Planner

You may wish to use this blank form to plan out your program (degree). Information in this handbook, on the website, in **Course Planner** and **Course Outlines** might prove useful.

Year 1 24 Units	ANAT SC 1102 Human Biology 1A	PUB HLTH 1001 Public Health 1A	
Year 2 24 Units	HEALTH 2000 Experimental Research in Health Sciences		
	PATHOL 2200 Biology of Disease		
Year 3 24 Units	HEALTH 3000 Research Placement for Health Sciences		

Life at the University

MyUni

All communications and information related to Bachelor of Health Sciences (Advanced) 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 (Advanced) program.

We use it to make announcements that are relevant to everyone in the Bachelor of Health Sciences (Advanced). 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. Please keep an eye on announcements from that course for news and other important information about your degree, including invitations to cohort experience events.

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/BhlthSc

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/currentstudents/forms-policies/

Majors (Areas of Specialisation)

Each student must complete at least one advanced major (an area of specialisation) in one of the following: Epidemiology; Human Reproductive Health or Nutrition.

Students have the option to complete a second health sciences major in one of the following areas: Anatomical Sciences; Biochemistry; Epidemiology; Exercise Science; Genetics; Health Promotion; Human Reproductive Health; Indigenous Health; Microbiology; Neuroscience; Nutrition; Pathology; Pharmacology and Physiology.

Advanced Majors

Epidemiology is the study of patterns, causes and distributions of health and disease in populations. The Epidemiology major will equip students with an understanding of the essential role of epidemiology in monitoring the health of populations and responding proactively to public health problems.

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

Nutrition 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.

Second major options

Anatomical Sciences encompasses the study of the gross and microscopic structure of the body and the relationship between structure and function.

Biochemistry equips students with an applied understanding of cutting-edge biomedical science principles and technical advances in biochemistry research.

Epidemiology (see description above)

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.

Genetics is designed to challenge and stimulate students' interest in the organisation, structure and mechanisms of human genetics.

Health Promotion is the process of enabling people to increase control over and improve their health. The Health Promotion major will build students' understanding of key theoretical concepts and principles in health promotion, and of contemporary challenges in the practice of health promotion.

Human Reproductive Health (see description above)

Indigenous Health will 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 Australia's Aboriginal and Torres Strait Islander peoples.

Microbiology aims to produce graduates with an understanding of the interactions between bacterial pathogens, viruses and immune systems.

Neuroscience 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.

Nutrition (see description above)

Pathology equips students with an understanding of the causes, mechanisms and consequences of diseases so that effective treatments and preventions can be developed.

Pharmacology 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.

Physiology is the study of how living systems work. The Physiology major focuses on the integration of multiple physiological systems that are necessary for whole-body function and their application to human health throughout the lifespan.

Advanced Degree majors

Epidemiology Advanced Degree major



The Epidemiology Advanced degree major aims to equip students with an understanding of the essential role of epidemiology in monitoring the

health of populations and responding proactively 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 in Public Health.

Bachelor of Health Sciences (Advanced) Handbook 2016

Program Rules Epidemiology Advanced Degree Major

Level	ı
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PUB HLTH 1002 Public Health 1B	3
Level II	
PUB HLTH 2005 Essentials of Epidemiology II	3
PUB HLTH 2005 Essentials of Epidemiology II	3
Level III	
PUB HLTH 3501 Epidemiology in Action III	3
And a course to the value of at 3 units selected from:	
PUB HLTH 3122 International Health III	3
PUB HI TH 3123 Evaluation for Public Health III	9
PUB HLTH 3124 Health Promotion III	3
PUB HLTH 3124 Health Promotion III	3
PUB HLTH 3500EX Rural Public Health III	<u>3</u>
PUB HLTH 3006EX International Public Health Experience 2	3

Study Plan Epidemiology Advanced Degree 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	HEALTH 2000 Experimental Research in Health Sciences (Adv) II (3 units)	PUB HLTH 2005 Essentials of Epidemiology II (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 2	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	HEALTH 3000 Research Placement for Health Sciences	PUB HLTH 3501 Epidemiology in Action III (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	(6 units)	And 3 units of Level III Public Health electives (Sem 1 or 2)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)

Core	Major	Electives	

Human Reproductive Health Advanced Degree major



The Human Reproductive Health Advanced degree 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

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.

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

Program rules Human Reproductive Health Advanced Degree Major

Level I	
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Level I	
ANAT SC 1103 Human Biology 1B	<u>3</u>
Level II	
PHYSIOL 2520 Human Physiology IIB: Systems & Homeostasis	3
or	
ANAT SC 2109 Biology and Development of Human Tissue II	<u> 3</u>
Level III	
OB&GYNAE 3000 Human Reproductive Health III	6
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Study Plan Human Reproductive Health Advanced Degree Major

Level 1	Semester 1	ANAT SC 1102 Human Biology 1A (3 units)	PUB HLTH 1001 Public Health 1A (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	ANAT SC 1103 Human Biology 1B (3 units)	Health Sciences Closed Elective (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 2	Semester 1	HEALTH 2000 Experimental Research in Health Sciences (Adv) II (3 units)	ANAT SC 2109* Biology and Development of Human Tissues (3 units) OR	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
LCVC12	Semester 2	PATHOL 2200 Biology of Disease (3 units)	PHYSIOL 2520* Physiology IIB (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 3	Semester 1	HEALTH 3000 Research Placement for Health Sciences	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	(6 units)	OB&GYNA Human Reprodu (6 uni	ctive Health III	Closed/Open Electives (3 units)

Core	Major	Electives

^{*} students must complete either ANAT SC 2109 OR PHYSIOL 2520. The other 3 unit "space" may be used for any closed/open elective

Nutrition Advanced Degree major



The Nutrition Advanced degree major aims to produce graduates who understand how nutrition requirements and

challenges change throughout the human lifecycle and how alteration 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

Bachelor of Health Sciences (Advanced) Handbook 2016

Program Rules Nutrition Advanced Degree Major

Level I
ANAT SC 1103 Human Biology 1B3
Level II
HLTH SC 2100 Fundamentals of Human Nutrition II3
PHYSIOL 2520 Human Physiology IIB: Systems and Homeostasis
Level III
HLTH SC 3100 Exercise, Nutrition & Metabolism III3
HLTH SC 3200 Life Span Nutrition III
FOOD SC 3502WT Nutrition III

Study Plan Nutrition Advanced Degree Major

Level 1	Semester 1	ANAT SC 1102 Human Biology 1A (3 units)	PUB HLTH 1001 Public Health 1A <i>(3 units)</i>	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	ANAT SC 1103 Human Biology 1B (3 units)	Health Sciences Closed Elective (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 2	Semester 1	HEALTH 2000 Experimental Research in Health Sciences (Adv) II (3 units)	HLTH SC 2100 Fundamentals in Human Nutrition (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)	PHYSIOL 2520 Physiology IIB (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 3	Semester 1	HEALTH 3000 Research Placement for Health Sciences	HLTH SC 3100* Exercise, Nutrition & Metabolism (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	(6 units)	HLTH SC 3200* Life Span Nutrition (3 units)	FOOD SC 3502WT*# Nutrition III (3 units)	Closed/Open Electives (3 units)

Core	Major	Electives

^{*} students must complete courses to the value of 6 units at level III from these three options. The other 3 unit "space" may be used for any closed/open elective.

Note that this course is taught on the Waite campus

Optional second major for BHlthSc (Adv) students

As a Bachelor of Health Sciences (Advanced) student, you may wish to complete a second major, in addition to your Advanced Degree major.

A major is a concentrated program of study in one Discipline or interdisciplinary area. For your second major, you can choose from majors within the Bachelor of Health Sciences program (you cannot undertake a second major from the Advanced program):

Anatomical Science Biochemistry **Epidemiology Exercise Science** Genetics

Health Promotion Human Reproductive Health Indigenous Health Microbiology Neuroscience

Nutrition Pathology Pharmacology **Physiology**

Please note that the Study Plans below show only the courses you must undertake for your second major – you also need to complete the courses required for your first major, within the Bachelor of Health Sciences (Advanced), described earlier.

What will appear on my transcript?

Your parchment will show each major individually.

Anatomical Sciences (second) Major



The Anatomical Sciences Major encompasses the study of morphology the of

macroscopic and microscopic 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 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.

Bachelor of Health Sciences (Advanced) Handbook 2016

Program Rules for Anatomical Sciences (second) Major

Level I	Unit
ANAT SC 1102 Human Biology IA	3
ANAT SC 1102 Human Biology IA	3
Level II	
ANAT SC 2109 Biology and Development of Human Tissue II	3
And/or	
ANAT SC 2200 Functional Human Anatomy II	3
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
Level III	
Courses to the value of at least 12 units selected from:	
ANAT SC 3101 Anthropological & Forensic Anatomy III	3
ANAT SC 3102 Comparative Reproductive Biology of Mammals III	
ANAT SC 3103 Functional Human Neuroanatomy III	3
ANAT SC 3104 Investigative Cell Biology III	3
ANAT SC 3500 Ethics, Science & Society	3

Study Plan Anatomical Sciences (second) Major

		PUB HLTH 1001	ANAT SC 1102	Closed/Open	Closed/Open Electives
Level 1	Semester 1	Public Health 1A (3 units)	Human Biology 1A (3 units)	Electives (3 units)	(3 units)
Level 1	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)
	Semester 1	HEALTH 2000 Experimental Research in Health Sciences (Adv) II (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)
Level 2	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)
	Semester 1	HEALTH 3000 Research Placement for Health Sciences (6 units)	Courses to the value of at from ANAT SC 3102 (Comparative Reproductive (3 uni	o: Semester 1) Biology of Mammals III	Closed/Open Electives (3 units)
Level 3	Semester 2		ANAT SC 3500 (Semester 2) Ethics, Science & Society (3 units) ANAT SC 3101 (Semester 2) Anthropological & Forensic Anatomy III (3 units) ANAT SC 3103 (Semester 1) Functional Human Neuroanatomy III (3 units) ANAT SC 3104 (Semester 2) Investigative Cell Biology III (3 units)		Closed/Open Electives (3 units)

Core	Major	Electives

Biochemistry (second) Major



Three majors offered by the School of Molecular and Biomedical Sciences in the Faculty of Sciences are available to Bachelor of Health Sciences (Advanced) students. These are the Biochemistry, Genetics and Microbiology majors.

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 the sell food and drink or health and beauty care may also be looking for genetic graduates in the future, to work as researchers and consults.

→ 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.

Bachelor of Health Sciences (Advanced) Handbook 2016

Program Rules for Biochemistry (second) Major

Level	1
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BIOL 1101 Molecules, Genes & Cells	
<u>Or</u>	
BIOL 1401 Concepts in Biology	
CHEM 1100 Chemistry IA or CHEM 1101 Foundations of Chemistry IA	
CHEM 1200 Chemistry IB or CHEM 1201 Foundations of Chemistry IB	
Level II	
BIOCHEM 2500 Biochemistry II: Molecular & Cell Biology	
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 (second) Major

		PUB HLTH 1001	ANAT SC 1102	CHEM 1100	BIOLOGY 1101
		Public Health 1A	Human Biology 1A	Chemistry 1A	Molecules, Genes &
		(3 units)	(3 units)	(3 units)	Cells (3 units)
				<u>Or</u>	(5 umis)
	Semester 1			CHEM 1101	
				Foundations of Chemistry	
				1A	
				(3 units)	
Level 1		Health Sciences Closed	ANAT SC 1103	CHEM 1200	Closed/Open Electives
		Elective (3 units)	Human Biology 1B (3 units)	Chemistry 1B (3 units)	(3 units)
		(o amic)	(o a.m.c)	(o amio)	
	Semester 2			<u>Or</u>	
	Jennester 2			CHEM 1201	
				Foundations of Chemistry 1B	
				(3 units)	
		HEALTH 2000	DIOCUENA 3500	Classed/Outsus Floatings	Classed/Onese Flastices
		Experimental Research in	BIOCHEM 2500 Biochemistry II:	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Carra a atau 4	Health Sciences (Adv) II	Molecular & Cell Biology		
	Semester 1	(3 units)	(3 units)		
Level 2					
Level Z		PATHOL 2200	BIOCHEM 2501	Closed/Open Electives	Closed/Open Electives
		Biology of Disease	Cancer, Stem Cells and	(3 units)	(3 units)
	Semester 2	(3 units)	Development III (3 units)		
			,		
		HEALTH 3000		M 3000	Closed/Open Electives
	Semester 1	Research Placement for Health Sciences	Molecular and Str (6 u	ructural Biology III nits)	(3 units)
1 1 2		(6 units)	0.0	·····,	
Level 3			BIOCHEM 3001 Cancer, Stem Cells and Development III (6 units)		Closed/Open Electives
	Semester 2				(3 units)
			(6 u	nits)	

Core	Major	Electives

Bachelor of Health Sciences (Advanced) Handbook 2016

Epidemiology (second) Major

Bachelor of Health Sciences (Advanced) students may wish to select Epidemiology as a second major, if their Advanced Major is either in Human Reproductive Health or in Nutrition:

Program Rules for Epidemiology (second) Major

Level	1
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PUB HLTH 1002 Public Health 1B	3
Level II	
PUB HLTH 2005 Essentials of Epidemiology II	3
PUB HLTH 2100 Investigating Health of Populations II	
Level III	
PUB HLTH 3501 Epidemiology in Action IIIPUB HLTH 3506 Public Health Theory & Practice 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 3125 Indigenous Health III	3
PUB HLTH 3500EX Rural Public Health III	3
PUB HLTH 3006EX International Public Health Experience II	

Study Plan Epidemiology (second) 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	HEALTH 2000 Experimental Research in Health Sciences (Adv) II (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)
	Semester 1	HEALTH 3000 Research Placement for Health Sciences (6 units)	PUB HLTH 3501 Epidemiology in Action III (3 units)	And 3 units of Level III Public Health electives	Closed/Open Electives (3 units)
Level 3 Semester 2		(o units)	PUB HLTI Public Health I <i>(6 uni</i> <u>Or</u> PUB HLTI Pub Health Theory &	nternship III its) H 3506	Closed/Open Electives (3 units)

Core	Major	Electives

Exercise Science (second) Major



Exercise Science studies how the body responds to exercise and adapts over time with exercise trainina 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?

- physiology, An understanding of exercise functional anatomy, and neurological processes that can be applied to human movement in sporting and clinical populations
- in conducting exercise 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 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 (second) Major

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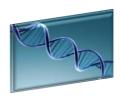
ANAT SC 1102 Human Biology 1A	
ANAT SC 1102 Human Biology 1B	3
Level II	
ANAT SC 2200 Functional Human Anatomy II	3
HLTH SC 2101 Fundamentals of Biomechanics & Human Movement	
HLTH SC 2102 Principles of Exercise Science	
PHYSIOL 2510 Human Physiology IIA: Heart, Lung & Neuromuscular Physiology	
Level III	
HLTH SC 3100 Exercise, Nutrition & Metabolism	3
HLTH SC 3201 Exercise, Movement & Cognition	3
PHYSIOL 3200 Advanced Exercise Science	
PHYSIOL 3120 Neuromotor Control of Human Movement	

Study Plan Exercise Science (second) 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	HEALTH 2000 Experimental Research in Health Sciences (Adv) II (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)
Lovel 2	Semester 1	HEALTH 3000 Research Placement for Health Sciences (6 units)	HLTH SC 3100 Exercise, Nutrition & Metabolism (3 units)	PHYSIOL 3120 Neuromotor Control of Human Movement III (3 units)	Closed/Open Electives (3 units)
Level 3	Semester 2		PHYSIOL 3200 Advanced Exercise Science III (3 units)	HLTH SC 3201 Exercise Movement & Cognition III (3 units)	Closed/Open Electives (3 units)

Core	Major	Electives

Genetics (second) Major



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

Bachelor of Health Sciences(Advanced) students.

What key skills and knowledge will I develop?

- Research excellent literacy, including 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 the sell food and drink or health and beauty care may also be looking for genetic graduates in the future, to work as researchers and consults.

→ 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 (second) Major

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BIOL 1101 Molecules, Genes & Cells	3
<u>Or</u>	
BIOL 1401 Concepts in Biology3	
Level II	
GENETICS 2510 Genetics IIA: Foundation of Genetics	3
GENETICS 2520 Genetics IIB: Function & Diversity of Genomes	3
Level III	
GENETICS 3111 Genes, Genomes and Molecular Evolution III	6
GENETICS 3211 Gene Expression and Human Developmental Genetics III	6

Study Plan Genetics (second) Major

		PUB HLTH 1001	ANAT SC 1102	BIOLOGY 1101	Closed/Open Electives
		Public Health 1A	Human Biology 1A	Molecules, Genes & Cells	(3 units)
		(3 units)	(3 units)	(3 units)	
	Semester 1			OR	
				BIOLOGY 1401	
Level 1				Concepts in Biology	
LEVELI				(3 units)	
		Health Sciences Closed	ANAT SC 1103	Closed/Open Electives	Closed/Open Electives
		Elective	Human Biology 1B	(3 units)	(3 units)
	Semester 2	(3 units)	(3 units)		
		HEALTH 2000	GENETICS 2510	Closed/Open Electives	Closed/Open Electives
		Experimental Research	Genetics IIA:	(3 units)	(3 units)
		in Health Sciences (Adv)	Foundation of	(=,	(===,
	Semester 1	II	Genetics		
		(3 units)	(3 units)		
Level 2					
Level 2		PATHOL 2200	GENETICS 2520	Closed/Open Electives	Closed/Open Electives
		Biology of Disease	Genetics IIB: Function	(3 units)	(3 units)
	Semester 2	(3 units)	& Diversity of		
			Genomes		
			(3 units)		
		HEALTH 3000	GENE	TICS 3111	Closed/Open Electives
		Research Placement for	Genes, Genomes an	d Molecular Evolution III	(3 units)
Level 3	Semester 1	Health Sciences		units)	
		(6 units)	(,		
		(5 55)			
				TICS 3211	Closed/Open Electives
	6		· ·	d Human Development	(3 units)
	Semester 2		Genetics III (6 units)		

Core	Major	Electives

Health Promotion (second) 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?

- excellent Research literacy, including 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 implementing organisations developing, 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 (second) Major

Levei i

PUB HLTH 1001 Public Health 1A	3
PUB HLTH 1001 Public Health 1A	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	<u>3</u>
PUB HLTH 3125 Indigenous Health III	3
PUB HLTH 3500 Rural Public Health	3
PUB HLTH 3501 Epidemiology in Action III	
PUB HLTH 3006EX International Public Health Experience II	

Study Plan Health Promotion (second) Major

Level 1	Semester 1	PUB HLTH 1001 Public Health 1A <i>(3 units)</i>	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	HEALTH 2000 Experimental Research in Health Sciences (Adv) II (3 units)	PUB HLTH 2005 Essentials of Epidemiology II (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 2	Semester 2	PATHOL 2200 Biology of Disease (3 units)	PUB HLTH 2200 Social Foundations of Health (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 1	HEALTH 3000 Research Placement for Health Sciences (6 units)	PUB HLTH 3124 Health Promotion (3 units)	And 3 units of Level III Public Health electives	Closed/Open Electives (3 units)
Level 3	Semester 2		PUB HLT Public Health (6 ur <u>O</u> PUB HLT Pub Health Theory	Internship III nits) <u>r</u> 'H 3506	Closed/Open Electives (3 units)

Core	Major	Flectives
Core	iviajoi	Electives

Human Reproductive Health (second) Major

Bachelor of Health Sciences (Advanced) students may wish to select Human Reproductive Health as a second major, if their Advanced Major is either in Epidemiology or in Nutrition:

Program Rules for Human Reproductive Health (second) Major

ANAT SC 1103 Human Biology 1B	3
Level II	
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	
OB&GYNAE 3100 Research Project in Reproductive Health III	3
OB&GYNAE 3000 Human Reproductive Health III	6

Page 46 The University of Adelaide

Study Plan Human Reproductive Health (second) 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)
Level 1	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	HEALTH 2000 Experimental Research in Health Sciences (Adv) II (3 units)	ANAT SC 2109 (Semester 1) Biology and Development of Human Tissue II (3 units) Or	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
ECVC12	Semester 2	PATHOL 2200 Biology of Disease (3 units)	PHYSIOL 2520 (Semester 2) Human Physiology IIB: Systems & Homeostasis (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 3	Semester 1	HEALTH 3000 Research Placement for Health Sciences (6 units)	ANAT SC 3102 Comparative Reproduction Biology of Mammals III (3 units)	O&G 3100 Research Project in Reproductive Health (3 units)	Closed/Open Electives (3 units)
	Semester 2		O&G 3000 Human Reproductive Health III (6 units)		Closed/Open Electives (3 units)

Core	Major	Electives

Indigenous Health (second) Major



The Indigenous Health major aims to support students to build their competency, particularly in crosscultural 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 including excellent literacy, 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 communicable disease control 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 (second) Major

Le	vel	′/

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	
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	
PUB HLTH 3123 Evaluation for Public Health III	3
PUB HLTH 3124 Health Promotion III	3
PUB HLTH 3500 Rural Public Health III	
PUB HLTH 3501 Epidemiology in Action III	
PUB HLTH 3006Ex International Public Health Experience II	

Study Plan Indigenous Health (second) Major

		PUB HLTH 1001	ANAT SC 1102	Closed/Open Electives	Closed/Open Electives
Level 1	Semester 1	Public Health 1A (3 units)	Human Biology 1A (3 units)	(3 units)	(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	HEALTH 2000 Experimental Research in Health Sciences (Adv) II (3 units)	PUB HLTH 2005 Essentials of Epidemiology II (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 2	Semester 2	PATHOL 2200 Biology of Disease (3 units)	PUB HLTH 2200 Social Foundations of Health (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 1	HEALTH 3000 Research Placement for Health Sciences (6 units)	PUB HLTH 3125 Indigenous Health (3 units)	And 3 units of Level III Public Health electives	Closed/Open Electives (3 units)
Level 3	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)

Core	Major	Electives

Microbiology (second) Major



Microbiology 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 including excellent literacy, 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 the sell food and drink or health and beauty care may also be looking for genetic graduates in the future, to work as researchers and consults.

→ 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 (second) Major

1	۵	.,	_	1	1

BIOL 1101 Molecules, Genes & Cells	3
<u>Or</u>	
BIOL 1401 Concepts in Biology	3
Level II	
MICRO 2500 Microbiology II	
MICRO 2501 Immunology & Virology II	3
Level III	
MICRO 3000 Infection and Immunity IIIA	
MICRO 3001 Infection and Immunity IIIB	6

Study Plan Microbiology (second) Major

		PUB HLTH 1001	ANAT SC 1102	BIOLOGY 1101	Closed/Open
		Public Health 1A	Human Biology 1A	Molecules, Genes & Cells	Electives
		(3 units)	(3 units)	(3 units)	(3 units)
	Semester 1			OR	
				BIOLOGY 1401	
Level 1				Concepts in Biology	
2010.2				(3 units)	
		Health Sciences Closed	ANAT SC 1103	Closed/Open Electives	Closed/Open
	C	Elective	Human Biology 1B	(3 units)	Electives
	Semester 2	(3 units)	(3 units)		(3 units)
		HEALTH 2000	MICRO 2500	Closed/Open Electives	Closed/Open
		Experimental Research in	Microbiology II	(3 units)	Electives
	Semester 1	Health Sciences (Adv) II	(3 units)	, ,	(3 units)
		(3 units)			
Level 2					
Level 2		PATHOL 2200	MICRO 2501	Closed/Open Electives	Closed/Open
		Biology of Disease	Immunology &	(3 units)	Electives
	Semester 2	(3 units)	Virology II		(3 units)
			(3 units)		
		HEALTH 3000	M	ICRO 3000	Closed/Open
1 1 2	C	Research Placement for		and Immunity IIIA	Electives
Level 3	Semester 1	Health Sciences		(6 units)	(3 units)
		(6 units)			
		, ,		ICRO 3001	Closed/Open
				and Immunity IIIB	Electives
	Semester 2			(6 units)	(3 units)

Core	Major	Electives

Neuroscience (second) Major



The Neuroscience major equips students with an understanding of the fundamental organisation and functional principles

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 (second) Major

Level I	
ANAT SC 1102 Human Biology 1A	3
ANAT SC 1103 Human Biology 1B	<u> 3</u>
Level II	
ANAT SC 2109 Biology and Development of Human Tissue II	3
PHYSIOL 2510 Human Physiology IIA: Heart, Lung & Neuromuscular Physiology	<u>3</u>
Level III	
PHYSIOL 3001 Cellular & Systems Neurobiology III	<u>6</u>
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 (second) Major

	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)
Level 1	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	HEALTH 2000 Experimental Research in Health Sciences (Adv) II (3 units)	ANAT SC 2109 Biology and Development of Human Tissue II (3 units)	PHYSIOL 2510 Physiology IIA: Heart, Lung & Neuromuscular Systems (3 units)	Closed/Open Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 3	Semester 1	HEALTH 3000 Research Placement for Health Sciences (6 units)	PHYSIOL 3001 (Semester 1) Cellular & Systems Neurobiology III (6 units) And Courses to the value of at least 6 units selected from: ANAT SC 3103 (Semester 1) Integrative & Comparative Neuroanatomy III		Closed/Open Electives (3 units)
Semester 2			(3 un PSYCHIA' (Semes: Fundamentals of Biol (3 un PATHOL (Semes: Neurological (3 un	T 3210 ter 2) ogical Psychiatry III its) . 3200 ter 2) Diseases III	Closed/Open Electives (3 units)

Core	Major	Electives

Nutrition (second) Major

Bachelor of Health Sciences (Advanced) students may wish to select Nutrition as a second major, if their Advanced Major is either in Epidemiology or in Human Reproductive Health:

Program Rules for Nutrition (second) Major

Level	1
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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 (second) Major

	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)
Level 1	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	HEALTH 2000 Experimental Research in Health Sciences (Adv) II (3 units)	HLTH SC 2100 Fundamentals of Human Nutrition II (3 units))	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	PATHOL 2200 Biology of Disease (3 units)	PHYSIOL 2520 Physiology IIB: Systems & Homeostasis (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 3	Semester 1	HEALTH 3000 Research Placement for Health Sciences (6 units)	HLTH SC 3100 Exercise, Nutrition & Metabolism (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 2	(o units)	HLTH SC 3200 Life Span Nutrition III (3 units)	ANAT SC 3104 Investigative Cell Biology (3 units)	FOOD SC 3502WT Nutrition III (3 units)

Core	Major	Electives	

Pathology (second) Major



The pathology major aims to equip students 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, diagnostic as 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 (second) Major

Level I	
ANAT SC 1102 Human Biology 1A	<u>3</u>
ANAT SC 1103 Human Biology 1B	<u>3</u>
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	
PATHOL 3100 Topics in Forensic Sciences	3
PATHOL 3200 Neurological Diseases	3

Study Plans Pathology (second) 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	HEALTH 2000 Experimental Research in Health Sciences (Adv) II (3 units)	A course to the value of 3 units chosen from Level II Health Sciences electives in ANAT SC, PHYSIOL or PHARM, HLTH SC (Semester 1 OR 2)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
ECVCI 2	Semester 2	PATHOL 2200 Biology of Disease (3 units)	AND Health Sciences Elective (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
	Semester 1	HEALTH 3000 Research Placement for Health Sciences (6 units)	Essentials	IOL 3003 of Pathology units)	Closed/Open Electives (3 units)
Level 3	Semester 2		PATHOL 3100 Topics in Forensic Science (3 units)	PATHOL 3200 Neurological Diseases (3 units)	Closed/Open Electives (3 units)

Core	Major	Electives	

Pharmacology (second) 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 (second) Major

Level I	
ANAT SC 1102 Human Biology 1A	3
ANAT SC 1103 Human Biology 1B	3
Level II	
PHARM 2200 Pharmacology IIB: Drugs & Society	3
Or Control of the Con	
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
	6

Study Plan Pharmacology (second) Major

otaaj 1	Turri Triuriniae	ology (second) M			
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)
LEVELI	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)
	Semester 1	HEALTH 2000 Experimental Research in Health Sciences (Adv) II (3 units)	A course to the value of 3 units chosen from Level II Health Sciences electives in PATHOL, PHYSIOL, PHARM or HLTH SC (Semester 1)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 2	Semester 2	PATHOL 2200 Biology of Disease (3 units)	Or PHARM 2200 (Semester 2) Pharmacology IIB: Drugs & Society (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 3	Semester 1	HEALTH 3000 Research Placement for Health Sciences (6 units)	PHARM 3 Pharmacology: Drug Ar (6 unit.	ction & Discovery	Closed/Open Electives (3 units)
LEVEI 3	Semester 2		PHARM 3 Pharmacology: Drug Develo (6 units	pment & Therapeutics	Closed/Open Electives (3 units)

Core	Major	Electives

Physiology (second) 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 Research literacy, particularly in 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 including cardiovascular, body, the 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, resources, or teaching at secondary or tertiary

→ 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 (second) Major

Level I	
ANAT SC 1102 Human Biology 1A	3
ANAT SC 1102 Human Biology 1A	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	<u>6</u>
PHYSIOL 3001 Cellular & Systems Neurobiology PHYSIOL 3200 Advanced Exercise Science	3
PHYSIOL 3120 Neuromotor Control of Human Movement	3

Study Plan Physiology (second) 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	HEALTH 2000 Experimental Research in Health Sciences (Adv) II (3 units)	PHYSIOL 2510 Physiology IIA: Heart, Lung & Neuromuscular Systems (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 2	Semester 2	PATHOL 2200 Biology of Disease (3 units)	PHYSIOL 2520 Physiology IIB: Systems & Homeostasis (3 units)	Closed/Open Electives (3 units)	Closed/Open Electives (3 units)
Level 3	Semester 1	HEALTH 3000 Research Placement for Health Sciences (6 units)	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 3)		Closed/Open Electives (3 units)
	Semester 2		(Semester 2) Integrative & Applied Systems Physiology (6 units) PHYSIOL 3200 (Semester 2) Advanced Exercise Science (3 units)		Closed/Open Electives (3 units)

Core	Major	Electives

Your guide to choosing courses

Faculty of Health Sciences

Level I Health Sciences Courses

At level I, students must complete at least 12 units of Health Sciences courses including the 9 units of core courses as listed below and 6 units of other Health Sciences courses (called closed electives). The other 12 units of courses at level I can be chosen from Health Sciences courses or from courses offered by other Faculties.

Subject Area	Course Code	Course Title	Units	Semester			
LEVEL I CORE (COMPU	LSORY) COURSES						
Anatomical Sciences	ANAT SC 1102	Human Biology IA	3	1			
Public Health	PUB HLTH 1001	Public Health IA	3	1			
LEVEL I HEALTH SCIEN	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 6 units more of Health Sciences courses (closed electives). The other 12 units of courses at level II can be chosen from Health Sciences courses or from courses offered by other Faculties When selecting Level II electives you should consider the prerequisites that you will need to complete your preferred major/s in the BHlthSc (Adv) at Level III. Use the study pathway majors maps to help determine which courses will be required.

Subject Area	Course Code	Course Title	Units	Semester			
LEVEL II CORE (COMPL	LEVEL II CORE (COMPULSORY) COURSES						
Health	HEALTH 2000	Experimental Research in Health Sciences (Adv) II	3	1			
Pathology	PATHOL 2200	Biology of Disease II	3	2			
LEVEL II HEALTH SCIEN	CE CLOSED ELECTIVE	S					
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			

LEVEL II HEALTH SCIENCES CLOSED ELECTIVES cont.					
Health Sciences	HLTH SC 2102	Principles of Exercise Science	3	1	
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

There is one core (compulsory) course. Your other courses need to be chosen to meet the requirements of the major(s) that you wish to complete, as described in the study plans above. Please note when enrolling that some courses at Level III have a 6-unit value.

Subject Area	Course Code	Course Title	Units	Semester		
LEVEL III CORE (COMPULSORY) COURSE						
Health	HEALTH 3000	Research Placement for Health Sciences	6	1 & 2		
LEVEL III HEALTH SCIEN	LEVEL III HEALTH SCIENCES CLOSED ELECTIVES					
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		

LEVEL III HEALTH SCIENCES CLOSED ELECTIVES cont.					
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	
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 (Advanced) 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

Page 70 The University of Adelaide

LEVEL I SCIENCES ELECTIVES cont.					
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

Page 71 The University of Adelaide

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	<u>Life in the Golden Age of Rome</u>	3	1
Classics	CLAS 2033	Art & Archaeology of Rome: 8 th c.BC – 1 st 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 COURS		Communities West 1919 16	2	_
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	<u>Urban Futures</u>	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	Summe
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

Page 74 The University of Adelaide

Level III Faculty of Arts Courses

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 IIIB 3 1 Chinese CHIN 3008 Chinese IIIB 3 2 Classics CLAS 3026 Afterrife & Underworld in Antiquity 3 1 Classics CLAS 3028 Cities Silk & Spice Routes in Roman Archaeology 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 3004 Vietnam Study Tour 3 Winter English ENGL 3043 Self-Writing 3 1 English ENGL 3046 Body Culture Text 3 </th <th>Subject Area</th> <th>Course Code</th> <th>Course Title</th> <th>Units</th> <th>Semester</th>	Subject Area	Course Code	Course Title	Units	Semester
Antiropology ANI al 3002 Practices Asian Studies ASIA 3002 Australia and the Asia-Pacific 3 2 Chinese CHIN 3007 Chinese IIIB 3 2 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 3005 Asia Pacific Conversations 3 1 Creative Writing CRWR 3005 Asia Pacific Conversations 3 1 Development Studies DEVT 3003 Rights and Development 3 Winter English ENGL 3043 Sef - Writing 3 1 English ENGL 3044 Bedy Culture Text 3 1 English ENGL 3045 Press Made New: Literary Imitation & Allusion 3 1 English ENGL	Anthropology	ANTH 3027	Ethnography: Engaged Social Research	3	2
Chinese CHIN 3007 Chinese IIIIA 3 1 Chinese CHIN 3008 Chinese IIIB 3 2 Classics CLAS 3026 Afferiffe & Underworld in Antiquity 3 1 Classics CLAS 3027 Pagans, Saints & Magic in Antiquity 3 2 Classics CLAS 3028 Cittes 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 8ody Culture Text 3 2 English ENGL 3046 Old Texts Made New: Literature & Film 3 1 English ENGL 3047 Rhabsody & Revolution: Romanticism & Its Legacies 3 1	Anthropology	ANTH 3036		6	2
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 3044 Body Culture Text 3 2 English ENGL 3044 Body Culture Text 3 2 English ENGL 3044 Body Culture Text 3 1 English ENGL 3048 Australian Classics: Literature & Film 3 2 Gender Studies & Social GSSA 3002 Encountering Human Rights; Global Citizenship	Asian Studies	ASIA 3002	Australia and the Asia-Pacific	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 Seff - Writing 3 1 English ENGL 3044 Body Culture Text 3 2 English ENGL 3044 Roby Culture Text 3 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 3047 Rhapsody & Revolution: Romanticism & Its Legacies 3 1 English ENGL 3048 Australian Classics: Literature & Film 3 2 Gender Studies & Social Analysis Gender Studies & Social Analysis Cender Studies & Social Analysis External Study Consumption, Work and the Self 3 1 Gender Studies & Social GSSA 3003 Consumption, Work and the Self 3 1 Georgraphy GEOG 3019 Biogeography and Biodiversity Conversation 3 2 Geography GEOG 3023 Cities in Developing Worlds In Introduction to Environmental Impact Assessment 3 1 History HIST 3035 Reel History. World War II in Film 3 2 Linguistics Ling 3016 Morphology and Syntax 3 1 Linguistics Ling 3017 Revivalistics, Cross-fertilization & Wellbeing 3 Summer Linguistics Ling 3017 Revivalistics, Cross-fertilization & Wellbeing 3 Summer	Chinese	CHIN 3007	Chinese IIIA	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 3044 Body Culture Text 3 1 English ENGL 3047 Rhapsody & Revolution: Romanticism & Its Legacies 3 1 English ENGL 3047 Rhapsody & Revolution: Romanticism & Its Legacies 3 1 English ENGL 3045 Australian Classics: Literature & Film 3 2 Gender Studies & Social Analysis GSSA 3002 Encountering Human Rights; Global Citizenship 3 2 Gender St	Chinese	CHIN 3008	Chinese IIIB	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 3048 Australian Classics: Literature & Film 3 2 Gender Studies & Social GSSA 3001 Gender Bodies and Health 3 2 Gender Studies & Social GSSA 3002 Encountering Human Rights; Global Citizenship 3 1 Gender Studies & Social GSSA 3003 Consumption, Work and the Self 3 1	Classics	CLAS 3026	Afterlife & Underworld in Antiquity	3	1
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 3044 Body Culture Text 3 2 English ENGL 3044 Body Culture Text 3 2 English ENGL 3047 Rhapsody & Revolution: Romanticism & Its Legacies 3 1 English ENGL 3048 Australian Classics: Literature & Film 3 2 Gender Studies & Social GSSA 3001 Gender Bodies and Health 3 2 Analysis External Study Encountering Human Rights; Global Citizenship 3 2 Gender Studies & Social GSSA 3003 Consumption, Work and the Self 3 1 Gender Studies & Social Studies & Social Analysis	Classics	CLAS 3027	Pagans, Saints & Magic in Antiquity	3	2
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 GSSA 3001 Gender, Bodies and Health 3 2 Gender Studies & Social GSSA 3002 Encountering Human Rights; Global Citizenship 3 2 Gender Studies & Social GSSA 3003 Consumption, Work and the Self 3 1 Gender Studies & Social GSSA 3003 Consumption, Work and the Self 3 1 Geography GEOG 3019 Biogeography and Biodiversity Conversation 3 2	Classics	CLAS 3028	Cities Silk & Spice Routes in Roman Archaeology	3	2
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 GSSA 3001 Gender, Bodies and Health 3 2 Gender Studies & Social GSSA 3002 Encountering Human Rights; Global Citizenship 3 2 Gender Studies & Social GSSA 3002Ex External Study Sexternal Study Sexter	Creative Writing	CRWR 3004	Writing China in Country	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 GSSA 3001 Gender, Bodies and Health 3 2 Gender Studies & Social GSSA 3002 Encountering Human Rights; Global Citizenship 3 2 Gender Studies & Social GSSA 3002EX Encountering Human Rights; Global Citizenship 3 1 Gender Studies & Social GSSA 3003 Consumption, Work and the Self 3 1 Gender Studies & Social GSSA 3003 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 Histor	Creative Writing	CRWR 3005	Asia Pacific Conversations	3	1
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 GSSA 3001 Gender, Bodies and Health 3 2 Gender Studies & Social GSSA 3002 Encountering Human Rights; Global Citizenship 3 2 Gender Studies & Social GSSA 3002 External Study Encountering Human Rights; Global Citizenship 3 2 Gender Studies & Social GSSA 3003 Consumption, Work and the Self 3 1 Gender Studies & Social GSSA 3003 Consumption, Work and the Self 3 1 Analysis External Study External Study Selection of the Self 3 1 Geography GEOG 3019 Biogeography and Biodiversity Conversation 3 2 Geography GEOG 3023 Cities in Developing Wo	Development Studies	DEVT 3003	Rights and Development	3	Winter
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 Gender Studies & Social Analysis External Study Sexternal Study External Study External Study Sexternal Study Sexternal Study Sexternal Study External Study Sexternal Sex	Development Studies	DEVT 3004	<u>Vietnam Study Tour</u>	3	Winter
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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 20 th 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			Consumption, Work and the Self	3	1
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HistoryHIST 3054Protest and Revolution in Modern Europe31LinguisticsLING 3013Australian Indigenous Language3SummerLinguisticsLING 3016Morphology and Syntax32LinguisticsLING 3017Revivalistics, Cross-fertilization & Wellbeing31	History	HIST 3052	Aboriginal Peoples and the Colonial World	3	1
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Linguistics LING 3017 Revivalistics, Cross-fertilization & Wellbeing 3 1				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	<u>Differential Equations II</u>	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

Page 78 The University of Adelaide

LEVEL II FACULTY OF PROFESSIONS COURSES cont.				
Economics	ECON 2508	<u>Financial Economics II</u>	3	2
Economics	ECON 2511	Thinking Strategically II	3	1
Management	COMMGMT 2500	Organisational Behaviour II	3	2
Management	COMMGMT 2502	Organisational Dynamics II	3	2
Management	COMMGMT 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	COMMGMT 3500	International Management III	3	1
Management	COMMGMT 3501	Strategic Management III	3	2
Management	COMMGMT 3502	Human Resource Management III	3	1
Management	COMMGMT 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

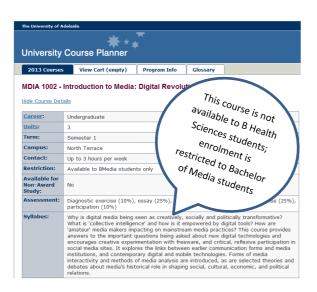
You can also choose as an elective any other University of Adelaide course which is not restricted to a particular **Program** and for which you have the required prerequisites.

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

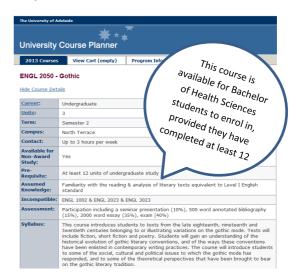
Medicine	Dentistry	Oral Health	Nursing
Music	Animal Science	Building and Design	Other Science and Engineering Courses
Law	Any Courses with a code 4XXX and above	Veterinary Science	

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

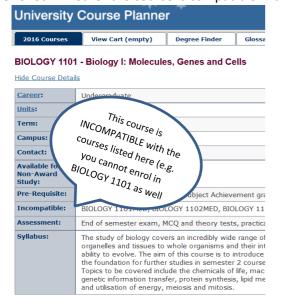
1. Check whether the course has any Restrictions



2. Check whether you have completed the relevant **Prerequisites**



3. Check whether the course is compatible with your other courses



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	POLL

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 ECON Economics COMMGMT** Management 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 AND ADVANCED TEAM ON 8313 2128 OR EMAIL b.healthsc@adelaide.edu.au FOR SIMPLE QUERIES ABOUT ENROLMENT AND STUDY OPTIONS, YOU CAN BOOK AN APPOINTMENT USING THE ONLINE BOOKING SYSTEM http://www.gobookings.com.au/BhlthSc

YOU ARE ALSO INVITED TO BOOK A LONGER STUDY ADVICE SESSION TO DISCUSS THE PROGRAM, YOUR ELECTIVE OPTIONS AND STUDY PLANS WITH THE BHLTHSC (ADV) PROGRAM COORDINATOR BY EMAILING b.healthsc@adelaide.edu.au