

Bachelor of Health Sciences

These Program Rules should be read in conjunction with the University's policies (<http://www.adelaide.edu.au/policies>).

1 General

There shall be a degree and an Honours degree of Bachelor of Health Sciences. A candidate may obtain either degree or both.

2 Duration of program

The program of study for the Bachelor degree shall extend over three years of full-time study or its part-time equivalent, and that for the Honours degree over one additional year of full-time study, or, subject to approval by the School or Discipline, over two years of part-time study.

Note: Students may commence study in February (Semester 1) or July (Semester 2). However, some elective courses offered in Semester 2 require prerequisite courses offered in Semester 1.

3 Admission

3.1 Status, exemption and credit transfer

3.1.1 Candidates are permitted to count towards the degree courses which have been passed in another degree program, up to a maximum value of 48 units, but will be required to present Level III courses to the value of 24 units which have not been presented for another degree, and in addition satisfy the requirements under Rule 5.1.3.

3.1.2 A student who has withdrawn his or her candidature for the degrees of BDS or MBBS after successfully completing at least three program years may be granted status in this degree for up to 72 units and be deemed to have satisfied the requirements of Rule 5.

3.1.3 A student who has withdrawn his or her candidature for the degrees of BDS or MBBS after completing less than three program years may be granted credit of not more than 36 units towards the program.

3.2 Candidates wishing to interrupt their studies must obtain beforehand the approval of the Bachelor of Health Sciences Program Manager on behalf of the Faculty for leave of absence for a defined period.

4 Assessment and examinations

4.1 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned. A candidate who is not eligible to attend for examination shall be deemed to have failed the examination.

4.2 In determining the final result in a course (or part of a course) the examiners may take into account a candidate's oral, written, practical and examination work, provided that the candidate has been given adequate notice at the commencement of the teaching of the course of the way in which work will be taken into account and of its relative importance in the final result.

4.3 a There shall be four classifications of pass in each course for the Bachelor degree, as follows: Pass with High Distinction, Pass with Distinction, Pass with Credit, Pass.

b A candidate who fails a course and who desires to take that course again shall, unless exempted wholly or partially there from by the Head of the Discipline concerned, again complete the required work in that course to the satisfaction of the teaching staff concerned.

c A candidate who has twice failed to obtain a pass or higher in the examination in any course for the Bachelor degree may not enrol for that course again or for any other course which in the opinion of the Faculty contains a substantial amount of the same material, except by permission of the Faculty and under such conditions as Faculty may prescribe.

4.4 There shall be three classifications of Pass in the final assessment of any course for the Honours degree as follows: First Class, Second Class, Third Class. The Second Class classification shall be divided into two divisions as follows: Division A and Division B.

5 Qualification requirements

5.1 Academic program for the Bachelor degree

To qualify for the Bachelor degree a candidate shall present passes in courses to the value of 72 units, which satisfy the following:

5.1.1 Level I

a ANAT SC 1102 Human Biology IA	3
ANAT SC 1103 Human Biology IB	3
PUB HLTH 1001 Public Health IA	3

PUB HLTH 1002 Public Health IB	3
b Level I courses to the value of 12 units chosen from the Health Sciences courses listed below, or from Level I courses offered by the Faculty of Humanities and Social Sciences, School of Economics, Business School, School of Mathematical and Computer Sciences or Faculty of Sciences that are available to them.	
PSYCHOL 1000 Psychology IA	3
PSYCHOL 1001 Psychology IB	3
5.1.2 Level II	
a PHARM 2100 Drugs, Chemicals & Health	3
PATHOL 2200 Biology of Disease II	3
b Level II Health Sciences courses to the value of at least 6 units chosen from the following:	
ANAT SC 2109 Cells, Tissues & Development II	3
ANAT SC 2200 Functional Human Anatomy II	3
GEN PRAC 2000HO Indigenous Health II	3
HLTH SC 2000 Foundations of Nutrition	3
PHARM 2200 Drugs, Chemicals & the Environment	3
PSYCHIAT 2200 Emotion, Culture & Medicine II	3
PHYSIOL 2510 Human Physiology IIA: Heart, Lungs & Neuromuscular	3
PHYSIOL 2520 Human Physiology IIB: Systems & Homeostasis	3
PSYCHOL 2004 Doing Research in Psychology	3
PSYCHOL 2005 Foundations Health & Lifespan Development	3
PSYCHOL 2006 Foundations of Perception & Cognition	3
PSYCHOL 2007 Psychology in Society	3
PUB HLTH 2200 Public Health Inquiry II	3
PUB HLTH 2100 Public Health Sciences II	3
c Level II courses to the value of 12 units from Health Sciences courses listed in 5.1.2(b) above, or from Level II courses offered by the Faculty of Humanities and Sciences, Business School, School of Economics, School of Mathematical and Computer Sciences or Faculty of Sciences available to them+	
+A listing of acceptable courses is available from: http://health.adelaide.edu.au/school_medsci/bhs/plans/	
5.1.3 Level III	
a Level III courses to the value of not less than 24 units, of which at least 12 units must include Health Sciences courses listed following:	
Health Sciences	
Anatomical Sciences	
ANAT SC 3101 Anthropological and Forensic Anatomy	3
ANAT SC 3102 Comparative Reproductive Biology of Mammals	3
ANAT SC 3103 Integrative and Comparative Neuroanatomy	3
ANAT SC 3104 Structural Cell Biology	3
ANAT SC 3500 Ethics, Science & Society	3
Nutrition	
HLTH SC 3100 Exercise, Sports Nutrition and Metabolism	3
HLTH SC 3200 Life Span Nutrition.....	3
Pathology	
PATHOL 3003 General Pathology	6
PATHOL 3100 Topics in Forensic Science	3
PATHOL 3200 Neurological Diseases	3
Pharmacology	
PHARM 3010 Pharmacology A III	6
PHARM 3011 Pharmacology B III	6
Physiology	
PHYSIOL 3000 Advanced Systems Physiology III	6

PHYSIOL 3001 Neurobiology III	6
Psychology	
PSYCHOL 3020 Doing Research in Psychology: Advanced	3
PSYCHOL 3021 Health & Lifespan Development Psychology	3
PSYCHOL 3022 Individual Differences, Personality & Assessment	3
PSYCHOL 3023 Perception & Cognition	3
PSYCHOL 3024 Psychology in Society: Advanced	3
PSYCHOL 3025 Psychology, Ideas & Action	3
Public Health	
PUB HLTH 3119HO Public Health Internship III	6
PUB HLTH 3122 International Health III	3
PUB HLTH 3500EX Rural Public Health III	3
PUB HLTH 3501 Epidemiology in Action III	3
PUB HLTH 3503 Public Health Theory & Practice III	3
PUB HLTH 3504 Protecting and Promoting Health III	3
Other Health Sciences	
OB&GYNAE 3000 Human Reproductive Health III	6
b The completion of a major in an area of study offered by either the Faculty of Health Sciences or the School of Molecular and Biomedical Sciences.	
A major is defined as the completion, at Pass level or above, of at least 9 units at Level III of courses from within a single Discipline or from a recognised interdisciplinary stream.	
c An interdisciplinary stream is an area of study concentration across more than one Discipline that is recognised by the Faculty of Health Sciences as sharing a common theme.	
The following are examples of approved interdisciplinary streams:	
Neuroscience	
ANAT SC 3103 Integrative & Comparative Neuroanatomy	3
PATHOL 3200 Neurological Diseases	3
PHYSIOL 3001 Neurobiology III	6
Nutrition	
HLTH SC 3100 Exercise, Sports Nutrition and Metabolism	3
HLTH SC 3200 Life Span Nutrition.....	3
FOOD SC 3502WT Nutrition III.....	3
Reproductive Health	
ANAT SC 3102 Comparative Reproductive Biology of Mammals	3
OB&GYNAE 3000 Human Reproductive Health III	6
d Candidates are able to present no more than 12 units of courses at Level III offered outside of the Faculty of Health Sciences by the Business School, School of Economics, School of Law*, School of Mathematical a	
* Candidates for the Bachelor of Health Sciences may only undertake Law courses if they are also candidates for the Bachelor of Laws.	
+A listing or acceptable courses is available from: http://health.adelaide.edu.au/school_medsci/bhs/plans/	
5.1.4 a A candidate may substitute appropriate courses chosen from Level II to fulfil the non-core (i.e. elective) course requirements at Level I, or from Level III to fulfil the non-core course requirements at Level I or II.	
b No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.	
5.2 Cross-institutional study	
With prior approval of the Faculty, students may study courses offered at Bachelor degree level or higher by other universities as cross-institutional students, subject to the following provisions:	
5.2.1 Students must complete all core courses as specified in 5.1 at the University of Adelaide.	
5.2.2 The following limits shall apply:	
Level I: 12 units of cross-institutional studies in any Discipline.	
Level II or III: 12 units of cross-institutional studies in any Discipline.	

- 5.2.3 Students undertaking cross-institutional studies must abide by any rules and regulations the host institution shall prescribe.
- 5.2.4 On completion of any cross-institutional course, the student shall be responsible for ensuring that an official transcript or result notice is forwarded to the Faculty.

5.3 The Honours degree of Bachelor of Health Sciences

To be eligible to be admitted to an Honours degree program, a candidate shall complete the requirements for a Bachelor degree or equivalent to a standard that is acceptable to the Faculty for the purpose of admission to the Honours degree.

A candidate who satisfies the requirements for Honours shall be awarded the Honours degree, but the Faculty shall decide within which of the following classes and divisions the degree shall be awarded:

- 1 First Class
- 2A Second Class div A
- 2B Second Class div B
- 3 Third Class
- NAH Not awarded

- 5.3.1 A candidate may, subject to approval by the Head of the Discipline concerned, proceed to the Honours degree in one of the following courses:

ANAES&IC 4000AHO/BHO Honours Anaesthesia & Intensive Care

ANAT SC 4000A/B Honours Anatomical Sciences

BIOCHEM 4000A/B Honours Biochemistry

DENT 4100AHO/BHO Honours Dentistry

GENETICS 4005A/B Honours Genetics

MEDICINE 4000AHO/BHO Honours Medicine

MICRO 4000A/B Honours Microbiology & Immunology

NEUROSC 4000A/B Honours Neurosciences

OB&GYNAE 4000AHO/BHO Honours Obstetrics & Gynaecology

ORT&TRAU 4000AHO/BHO Honours Orthopaedics & Trauma

PAEDIAT 4000AHO/BHO Honours Paediatrics

PATHOL 4000A/B Honours Pathology

PHARM 4000A/B Honours Pharmacology

PHYSIOL 4000A/B Honours Physiology

PSYCHIAT 4000AHO/BHO Honours Psychiatry

PSYCHOL 4000A/B Honours Psychology

PUB HLTH 4000AHO/BHO Honours Public Health

SURGERY 4000AHO/BHO Honours Surgery

- 5.3.1.1 The program comprises three equally important aspects undertaken concurrently:

- a Program of reading in selected fields, and the submission of a series of essays associated therewith
- b Experimental or scholarly work covering a wide range of techniques
- c The undertaking of a research project which will be assigned early in the program and on which a thesis or research manuscript must be submitted.

- 5.3.1.2 The examination for the degree will consist of a written paper or papers, the essays submitted during the year, the thesis on the research project, an oral examination, and a practical examination if required by the examiners.

- 5.3.1.3 A candidate may, subject to the approval of the Faculty in each case, proceed to the Honours degree in a Discipline in another faculty.

Candidates must consult the Head of the Discipline concerned and apply, in writing, to the Faculty before 30 November in the preceding year for admission to the Honours program.

6 Double degree programs

- 6.1 Status granted in double degree programs

- 6.1.1 Bachelor of Health Sciences/Bachelor of Laws

A candidate who gained entry to Law studies at the University of Adelaide prior to 2003 and who undertakes Law Studies concurrently with Health Sciences may present 8 units at Level II and 12 units at Level III of Law courses in lieu of electives for the Bachelor of Health Sciences. A candidate who gains entry to Law between 2003 and 2008 may present 3 units of Law courses at Level I, 8 units at Level II and 12 units at Level III in lieu of electives for the Bachelor of Health Sciences.

A candidate who gains entry to Law from 2009 onwards may present 12 units of Law courses at Level I, and 12 units of Law courses at Level II in lieu of electives for the Bachelor of Health Sciences.

6.1.2 Bachelor of Health Sciences/Bachelor of Social Sciences

The Bachelor of Health Sciences may be undertaken with the Bachelor of Social Sciences in a double degree program that is designed to be completed in four years of full-time study (96 units).

Students are required to complete core courses in Social Sciences and a major in Health Sciences.

Students who complete the requirements for both degrees are awarded two degrees and two parchments.

6.1.2.1 Academic program

To qualify for the double degree of Bachelor of Social Sciences/Health Sciences, a student shall present passes in courses to the value of 96 units, which satisfy the following requirements:

Level I

- | | | |
|---|---|---|
| a | ANAT SC 1102 Human Biology IA | 3 |
| | ANAT SC 1103 Human Biology IB | 3 |
| | GEOG 1101 Globalisation, Justice and a Crowded Planet | 3 |
| | GWSI 1001 Social Sciences in Australia | 3 |
| | POLI 1101 Introduction to Australian Politics | 3 |
| | PUB HLTH 1001 Public Health IA | 3 |
| | PUB HLTH 1002 Public Health IB | 3 |
| b | Level I Social Science courses to the value of 3 units chosen from those listed in 5.12.1 of the Academic Program Rules for the Bachelor of Arts. | |

Level II

- | | | |
|---|---|---|
| c | GEOG 2132 Social Science Techniques | 3 |
| | GWSI 2020 Social Theory in Action | 3 |
| | GWSI 2103 Social Policy and Citizenship | 3 |
| | GWSI 2110 Social Research | 3 |
| | PATHOL 2200 Biology of Disease II | 3 |
| | PHARM 2100 Drugs, Chemicals & Health | 3 |
| d | Level II courses to the value of 6 units chosen from those listed in 5.1.2 (b) for the Bachelor of Health Sciences. | |

Level III

24 units for each award separately as follows:

Bachelor of Social Sciences

- | | | |
|---|--|----|
| e | Core courses to the value of 12 units: | |
| | GWSI 3017 Social Research Advanced | 3 |
| | Social Science Techniques Advanced | 3 |
| | Social Sciences Internship | 6 |
| | <i>or</i> | |
| | Professional Applications of Applied Methods | 6 |
| f | Advanced Level or Level III courses to the value of 12 units chosen from those listed in 5.12.3 or 5.12.4 for the Bachelor of Arts or other courses offered by the University at Advanced Level or Level III that are available to the candidate | 12 |

Bachelor of Health Sciences

- | | | |
|---|--|--|
| g | Level III courses to the value of at least 12 units chosen from those listed in 5.1.3(a) for the Bachelor of Health Sciences. | |
| h | Level III courses to the value of no more than 12 units from those listed in 5.1.3(a), or from Level III courses offered by the Business School, the School of Economics, the Faculty of Sciences, or Advanced Level courses offered by the Faculty of Humanities and Social Sciences. | |

- j The completion of a major in an area of study offered by either the Faculty of Health Sciences or School of Molecular and Biomedical Sciences, which is defined as the completion, at Pass level or above of at least 9 units of courses from within a single Discipline or from a recognised interdisciplinary stream.

6.1.3 Bachelor of Health Sciences/Bachelor of Mathematical & Computer Sciences

The Bachelor of Health Sciences may be taken concurrently with the Bachelor of Mathematical and Computer Sciences in a double degree program designed to be completed in four years of study (96 units).

Students who complete the requirements for both degrees are awarded two degrees and two parchments.

This double program has two pathways dependent on the student's level of achievement in SACE Stage 2 Mathematical Studies and Specialist Mathematics.

Students who have successfully completed SACE Stage 2 Mathematical Studies and Specialist Mathematics or equivalent will follow the Maths IA pathway. Students without SACE Stage 2 Specialist Mathematics or equivalent are required to follow the Maths IM pathway.

In both pathways, the Health Sciences courses remain the same.

6.1.3.1 Academic program

To qualify for the double degree of Bachelor of Health Sciences/Bachelor of Mathematical and Computer Sciences following the Maths IA pathway, a student shall present passes in courses to the equivalent of 96 units that satisfy the following requirements:

Level I

a	ANAT SC 1102 Human Biology IA	3
	ANAT SC 1103 Human Biology IB	3
	COMP SCI 1012 Scientific Computing	3
	MATHS 1011 Mathematics IA	3
	MATHS 1012 Mathematics IB	3
	STATS 1005 Statistical Analysis and Modelling I.....	3
	PUB HLTH 1001 Public Health IA	3
	PUB HLTH 1002 Public Health IB	3

Level II

b	APP MATHS 2105 Optimisation & Operations Research	3
	MATHS 2101 Multivariable & Complex Calculus	3
	MATHS 2103 Probability & Statistics	3
	PATHOL 2200 Biology of Disease II	3
	PHARM 2100 Drugs, Chemicals & Health	3
	STATS 2107 Statistical Modelling & Inference	3
c	Level II courses to the total value of 6 units from Health Sciences courses listed in 5.1.2.(b) above.	

Level III

24 units for each award separately as follows, to be completed over two years:

Bachelor of Mathematical and Computer Sciences

d	APP MATHS 3001 Applied Probability III	3
	MATHS 2102 Differential Equations	3
	MATHS 3105 Communication Skills III	3
	STATS 3001 Statistical Modelling III	3
	STATS 3006 Mathematical Statistics III	3
	STATS 3008 Biostatistics III	3
e	Level II or III courses to the total value of 6 units from Mathematical Sciences and Computer Sciences.	

Bachelor of Health Sciences

- f Level III courses to the value of at least 12 units chosen from those listed in 5.1.3(a) for the Bachelor of Health Sciences.

- g Level III courses to the value of no more than 12 units from those listed in 5.1.3(a), or from Level III courses offered by the Business School, the School of Economics, the Faculty of Sciences, or Advanced Level courses offered by the Faculty of Humanities and Social Sciences.
- h The completion of a major in an area of study offered by either the Faculty of Health Sciences or School of Molecular and Biomedical Sciences, which is defined as the completion, at Pass level or above of at least 9 units of courses from within a single Discipline or from a recognised interdisciplinary stream.

Maths IM Pathway

To qualify for the Double Degree of Bachelor of Health Sciences/Bachelor of Mathematical and Computer Sciences following the Maths IM pathway, a student shall present passes in courses to the equivalent of 96 units that satisfy the following requirements:

Level I

a	ANAT SC 1102 Human Biology IA	3
	ANAT SC 1103 Human Biology IB	3
	PUB HLTH 1001 Public Health IA	3
	PUB HLTH 1002 Public Health IB	3
	COMP SCI 1012 Scientific Computing	3
	STATS 1005 Statistical Analysis & Modelling I.....	3
	MATHS 1011 Mathematics IA*	3
	MATHS 1012 Mathematics IB*	3
	MATHS 1013 Mathematics IM*	3

* Students who have undertaken SACE Stage 2 Specialist Mathematics will be required to enrol into Maths IA followed by Maths IB. Students who have not taken SACE Stage 2 Specialist Mathematics will be required to enrol in Maths IM followed by Maths IA and Maths IB in summer semester to complete the requirements at Level 1

Level II

b	APP MATHS 2105 Optimisation & Operations Research	3
	MATHS 2101 Multivariable & Complex Calculus	3
	MATHS 2103 Probability & Statistics	3
	PATHOL 2200 Biology of Disease II	3
	PHARM 2100 Drugs, Chemicals & Health	3
	STATS 2107 Statistical Modelling & Inference	3

- c Level II courses to the total value of 6 units from the Health Sciences courses listed in 5.1.2(a) above.

Level III

24 units for each award separately as follows, to be completed over two years:

Bachelor of Mathematical and Computer Sciences

e	APP MATHS 3001 Applied Probability III	3
	MATHS 2102 Differential Equations	3
	MATHS 3105 Communication Skills III	3
	STATS 3001 Statistical Modelling III	3
	STATS 3006 Mathematical Statistics III	3
	STATS 3008 Biostatistics III	3

- f Level II and III courses to the value of 3 units from Mathematical Sciences and Computer Sciences

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- g Level III Health Sciences courses to the value of at least 12 units chosen from those listed in 5.1.3(a) for the Bachelor of Health Sciences.
- h Level III courses to the value of no more than 12 units of courses from those listed in 5.1.3(a), or from Level III courses offered by the Business School, School of Economics, Faculty of Sciences, or Advanced Level courses offered by the Faculty of Humanities and Social Sciences.
- i The completion of a major in an area of study offered by either the Faculty of Health Sciences or School of Molecular and Biomedical Sciences, which is defined as the completion, at Pass level or above of at least 9 units of courses from within a single Discipline or from a recognised interdisciplinary stream.

6.2 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculties concerned, contains a substantial amount of the same material, and no course or portion of a course may be counted twice towards an award.

6.3 Cross-institutional study

With prior approval of the Faculty, students may study courses offered at Bachelor degree level by other universities as cross-institutional students, subject to the following provisions:

6.3.1 Students must complete all core courses as specified above at the University of Adelaide.

6.3.2 The following limits apply:

Level I: no cross-institutional study

Levels II and III: up to a maximum of 12 units
in lieu of elective courses in Health Sciences.

6.3.3 Students undertaking cross-institutional studies must abide by any rules and regulations the host institution shall prescribe.

6.3.4 On completion of any cross-institutional course, the student shall be responsible for ensuring that an official transcript or result notice is forwarded to the Faculty of Health Sciences.

6.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award.

7 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.