Program Code
BSSBH

Program Minimum Units
96

Standard Duration
4 Years

Program Faculty
Faculty of Arts

AQF Level
07

Academic Year
2016

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

Overview
This degree is designed to provide students with the opportunity to qualify for both the degree of Bachelor of Health Sciences and the degree of Bachelor of Social Sciences. This will provide graduates with a broad education in health as well as developing skill and knowledge in applied social research and policy analysis.
The Bachelor of Health Sciences / Bachelor of Social Sciences is an AQF Level 7 qualification with a standard full-time duration of 4 years.

Academic Program Rules for Bachelor of Health Sciences / Bachelor of Social Sciences (BHlthSc BSocSc)
There shall be a Bachelor of Health Sciences / Bachelor of Social Sciences (BHlthSc BSocSc).

Qualification Requirements
Academic Program
To qualify for the degree of Bachelor of Health Sciences and Bachelor of Social Sciences, the student must complete satisfactorily a program of study consisting of the following courses with a combined total of not less than 96 units. A student must concurrently qualify for both awards.

Health Sciences component
To qualify for the degree of Bachelor of Health Sciences, the student must complete courses from the degree of Bachelor of Health Sciences to a minimum value of 48 units, from the following:

1. Level I Health Sciences courses to the value of at least 12 units
2. Level II Health Sciences courses to the value of at least 12 units
3. Level III Health Sciences courses to the value of at least 24 units
4. Core courses to the value of 18 units.
5. A major from the following:
   - Anatomical Sciences (18 units)
   - Biochemistry (27 units)
   - Epidemiology (18 units)
   - Exercise Science (27 units)
   - Genetics (21 units)
   - Health Promotion (18 units)
   - Human Reproductive Health (18 units)
   - Indigenous Health (18 units)
   - Microbiology (21 units)
   - Neuroscience (21 units)
   - Nutrition (21 units)
   - Pathology (18 units)
   - Pharmacology (18 units)
   - Physiology (21 units)

6. Elective courses up to the value of 12 units which may include Closed and Open electives.

7. Broadening Electives to the value of 9 units.

Social Sciences component
To qualify for the degree of Bachelor of Social Sciences, the student must complete courses to the minimum value of 48 units, comprising:

1. Core courses to the value of 30 units, including ARTS 1007 The Enquiring Mind: Arts of Engagement
2. Level III courses to the value of 24 units

Core Courses

Level I

All of the following courses must be completed:
ANAT SC 1102 Human Biology IA (3 units)
PUB HLTH 1001 Public Health IA (3 units)

and

Courses to the value of 3 units from the following:
ANAT SC 1103 Human Biology IB (3 units)
PUB HLTH 1002 Public Health IB (3 units)

and

Courses to the value of 3 units from the following:

Level I
ANAT SC 1103 Human Biology IB (3 units)
PUB HLTH 1002 Public Health IB (3 units)
PUB HLTH 1003 Communication for Health Sciences (3 units)

and

All of the following courses must be completed:
GEOG 1101 Globalisation, Justice and a Crowded Planet (3 units)
GSSA 1003EX Gender, Work and Society (3 units)
POLIS 1101 Introduction to Australian Politics (3 units)
ARTS 1007 The Enquiring Mind: Freedom and Media (3 units)

Level II
All of the following courses must be completed:
PATHOL 2200  *Biology of Disease II* (3 units)
PHARM 2100  *Pharmacology IIA - Drugs and Health* (3 units)
GEOG 2132  *Social Science Techniques* (3 units)
GSSA 2103  *Politics, Policy & Citizenship* (3 units)
GSSA 2110  *Social Research: Working Skills for Social Sci* (3 units)

**Level III**

All of the following courses must be completed:

- or

Courses to the value of 6 units from the following:

Level III courses to the value of 6 units from the Social Sciences Closed electives.

**Anatomical Sciences Major**

**Level I**

All of the following courses must be completed:
ANAT SC 1103  *Human Biology IB* (3 units)

**Level II**

Courses to the value of up to 3 units may be taken from the following:
ANAT SC 2109  *Biology and Development of Human Tissues* (3 units)
ANAT SC 2200  *Functional Human Anatomy II* (3 units)

- or

Courses to the value of up to 3 units may be taken from the following:

Level II Health Sciences Closed electives in PHYSIOL, PHARM, HLTH SC.

**Level III**

Courses to the value of at least 12 units from the following:
ANAT SC 3101  *Anthropological and Forensic Anatomy III* (3 units)
ANAT SC 3102  *Comparative Reproductive Biology of Mammals III* (3 units)
ANAT SC 3103  *Functional Human Neuroanatomy* (3 units)
ANAT SC 3104  *Investigative Cell Biology* (3 units)
ANAT SC 3500  *Ethics, Science and Society* (3 units)

**Biochemistry Major**

Note: Course pre-requisites apply

**Level I**

Courses to the value of 3 units from the following:
BIOLOGY 1101  *Biology I: Molecules, Genes and Cells* (3 units)
BIOLOGY 1401  *Concepts in Biology* (3 units)

and

Courses to the value of 6 units from the following:
Note: Course pre-requisites apply.
CHEM 1100 Chemistry IA (3 units)
CHEM 1200 Chemistry IB (3 units)
CHEM 1101 Foundations of Chemistry IA (3 units)
CHEM 1201 Foundations of Chemistry IB (3 units)

Level II

All of the following courses must be completed:
BIOCHEM 2500 Biochemistry II: Molecular and Cell Biology (3 units)
BIOCHEM 2501 Biochemistry II: Metabolism (3 units)

Level III

All of the following courses must be completed:
BIOCHEM 3000 Molecular and Structural Biology III (6 units)
BIOCHEM 3001 Cancer, Stem Cells & Development III (6 units)

Epidemiology Major

Level I

All of the following courses must be completed:
PUB HLTH 1002 Public Health IB (3 units)

Level II

PUB HLTH 2005 Essentials of Epidemiology II (3 units)
PUB HLTH 2100 Investigating Health and Disease in Populations II (3 units)

Level III

All of the following courses must be completed:
PUB HLTH 3501 Epidemiology in Action III (3 units)

Courses to the value of 6 units from the following:
PUB HLTH 3506 Public Health Theory and Practice III (6 units)
PUB HLTH 3119 Public Health Internship III (6 units)

and

PUB HLTH 3122 International Health III (3 units)
PUB HLTH 3123 Evaluation in Public Health III (3 units)
PUB HLTH 3124 Health Promotion III (3 units)
PUB HLTH 3125 Indigenous Health III (3 units)
PUB HLTH 3500EX Rural Public Health III (3 units)

Exercise Science Major

Level I

All of the following courses must be completed:
ANAT SC 1103 Human Biology IB (3 units)

Level II

All of the following courses must be completed:
ANAT SC 2200 Functional Human Anatomy II (3 units)
HLTH SC 2101 Fundamentals of Biomechanics and Human Movement (3 units)
HLTH SC 2102 Principles of Exercise Science (3 units)
PHYSIOL 2510 *Physiology IIA: Heart, Lung & Neuromuscular Systems* (3 units)

**Level III**

All of the following courses must be completed:
- HLTH SC 3100 *Exercise, Nutrition & Metabolism* (3 units)
- HLTH SC 3201 *Exercise, Movement & Cognition* (3 units)
- PHYSIOL 3120 *Neuromotor Control of Human Movement* (3 units)
- PHYSIOL 3200 *Advanced Exercise Science* (3 units)

**Genetics Major**

**Level I**

Courses to the value of 3 units from the following:
- BIOLOGY 1101 *Biology I: Molecules, Genes and Cells* (3 units)
- BIOLOGY 1401 *Concepts in Biology* (3 units)

**Level II**
- GENETICS 2510 *Genetics IIA: Foundation of Genetics* (3 units)
- GENETICS 2520 *Genetics IIB: Function and Diversity of Genomes* (3 units)

**Level III**
- GENETICS 3111 *Genes, Genomes and Molecular Evolution III* (6 units)
- GENETICS 3211 *Gene Expression & Human Developmental Genetics III* (6 units)

**Health Promotion Major**

**Level I**

All of the following courses must be completed:
- PUB HLTH 1002 *Public Health IB* (3 units)

**Level II**
- PUB HLTH 2005 *Essentials of Epidemiology II* (3 units)
- PUB HLTH 2200 *Social Foundations of Health II* (3 units)

**Level III**

All of the following courses must be completed:
- PUB HLTH 3124 *Health Promotion III* (3 units)

Courses to the value of 6 units from the following:
- PUB HLTH 3119 *Public Health Internship III* (6 units)
- PUB HLTH 3506 *Public Health Theory and Practice III* (6 units)

**Human Reproductive Health Major**

**Level I**

All of the following courses must be completed:
- ANAT SC 1103 *Human Biology IB* (3 units)
Level II

Courses to the value of 3 units from the following:
ANAT SC 2109 Biology and Development of Human Tissues (3 units)
PHYSIOL 2520 Physiology IIB: Systems & Homeostasis (3 units)

Level III
ANAT SC 3102 Comparative Reproductive Biology of Mammals III (3 units)
OB&GYNAE 3000 Human Reproductive Health III (6 units)
OB&GYNAE 3100 Research Project in Reproductive Health (3 units)

Indigenous Health Major

Level I
All of the following courses must be completed:
PUB HLTH 1002 Public Health IB (3 units)

Level II
PUB HLTH 2005 Essentials of Epidemiology II (3 units)
PUB HLTH 2200 Social Foundations of Health II (3 units)

Level III
PUB HLTH 3125 Indigenous Health III (3 units)
PUB HLTH 3506 Public Health Theory and Practice III (6 units)

or

Courses to the value of 6 units from the following:
PUB HLTH 3119 Public Health Internship III (6 units)
PUB HLTH 3506 Public Health Theory and Practice III (6 units)

and
PUB HLTH 3122 International Health III (3 units)
PUB HLTH 3123 Evaluation in Public Health III (3 units)
PUB HLTH 3124 Health Promotion III (3 units)
PUB HLTH 3500EX Rural Public Health III (3 units)
PUB HLTH 3501 Epidemiology in Action III (3 units)

Microbiology Major

Level I
Courses to the value of 3 units from the following:
BIOLOGY 1101 Biology I: Molecules, Genes and Cells (3 units)
BIOLOGY 1401 Concepts in Biology (3 units)

Level II
MICRO 2500 Microbiology II (3 units)
MICRO 2501 Immunology & Virology II (3 units)

Level III
MICRO 3000 Infection and Immunity IIIA (6 units)
MICRO 3001 Infection and Immunity IIIB (6 units)

Neuroscience Major

Level I
All of the following courses must be completed:
ANAT SC 1103 **Human Biology IB** (3 units)

**Level II**

All of the following courses must be completed:
ANAT SC 2109 **Biology and Development of Human Tissues** (3 units)
PHYSIOL 2510 **Physiology IIA: Heart, Lung & Neuromuscular Systems** (3 units)

**Level III**

All of the following courses must be completed:
PHYSIOL 3001 **Cellular & Systems Neurobiology** (6 units)

Courses to the value of at least 6 units from the following:
ANAT SC 3103 **Functional Human Neuroanatomy** (3 units)
PATHOL 3200 **Neurological Diseases** (3 units)
PSYCHIAT 3200 **Fundamentals of Biological Psychiatry** (3 units)

**Nutrition Major**

**Level I**

All of the following courses must be completed:
ANAT SC 1103 **Human Biology IB** (3 units)

**Level II**

All of the following courses must be completed:
HLTH SC 2100 **Fundamentals in Human Nutrition** (3 units)
PHYSIOL 2520 **Physiology IIB: Systems & Homeostasis** (3 units)

**Level III**

All of the following courses must be completed:
ANAT SC 3104 **Investigative Cell Biology** (3 units)
FOOD SC 3502WT **Nutrition III** (3 units)
HLTH SC 3100 **Exercise, Nutrition & Metabolism** (3 units)
HLTH SC 3200 **Life Span Nutrition** (3 units)

**Pathology Major**

**Level I**

All of the following courses must be completed:
ANAT SC 1103 **Human Biology IB** (3 units)

**Level II**

Courses to the value of 3 units from the following:

Level II Health Sciences Closed electives in ANAT SC, PHYSIOL, PHARM, HLTH SC.

**Level III**

All of the following courses must be completed:
PATHOL 3003 **Essentials of Pathology** (6 units)
PATHOL 3100 **Topics in Forensic Sciences** (3 units)
PATHOL 3200 Neurological Diseases (3 units)

Pharmacology Major

Level I

All of the following courses must be completed:
ANAT SC 1103 Human Biology IB (3 units)

Level II

All of the following courses must be completed:
PHARM 2200 Pharmacology IIB Drugs and Society (3 units)

or

Courses to the value of up to 3 units may be taken from the following:

Level II Health Sciences Closed electives in ANAT SC, PHYSIOL, HLTH SC.

Level III

All of the following courses must be completed:
PHARM 3010 Pharmacology: Drug Action and Discovery (6 units)
PHARM 3011 Pharmacology: Drug Development & Therapeutics (6 units)

Physiology Major

Level I

All of the following courses must be completed:
ANAT SC 1103 Human Biology IB (3 units)

Level II

All of the following courses must be completed:
PHYSIOL 2510 Physiology IIA: Heart, Lung & Neuromuscular Systems (3 units)
PHYSIOL 2520 Physiology IIB: Systems & Homeostasis (3 units)

Level III

Courses to the value of at least 12 units from the following:
PHYSIOL 3000 Integrative and Applied Systems Physiology (6 units)
PHYSIOL 3001 Cellular & Systems Neurobiology (6 units)
PHYSIOL 3120 Neuromotor Control of Human Movement (3 units)
PHYSIOL 3200 Advanced Exercise Science (3 units)

Health Sciences Closed Electives

Level I
ANAT SC 1103 Human Biology IB (3 units)
PUB HLTH 1002 Public Health IB (3 units)
PUB HLTH 1003 Communication for Health Sciences (3 units)

Level II
ANAT SC 2109 Biology and Development of Human Tissues (3 units)
ANAT SC 2200 Functional Human Anatomy II (3 units)
HLTH SC 2100 Fundamentals in Human Nutrition (3 units)
HLTH SC 2101 Fundamentals of Biomechanics and Human Movement (3 units)
HLTH SC 2102 Principles of Exercise Science (3 units)
PHARM 2200 Pharmacology IIB Drugs and Society (3 units)
PHYSIOL 2510 Physiology IIA: Heart, Lung & Neuromuscular Systems (3 units)
PHYSIOL 2520 Physiology IIB: Systems & Homeostasis (3 units)
PSYCHOL 2004 Doing Research in Psychology (3 units)
PSYCHOL 2005 Foundations Health & Lifespan Development (3 units)
PSYCHOL 2006 Foundations of Perception & Cognition (3 units)
PSYCHOL 2007 Psychology in Society (3 units)
PUB HLTH 2100 Investigating Health and Disease in Populations II (3 units)
PUB HLTH 2200 Social Foundations of Health II (3 units)
PUB HLTH 2005 Essentials of Epidemiology II (3 units)

Level III
ANAT SC 3101 Anthropological and Forensic Anatomy III (3 units)
ANAT SC 3102 Comparative Reproductive Biology of Mammals III (3 units)
ANAT SC 3103 Functional Human Neuroanatomy (3 units)
ANAT SC 3104 Investigative Cell Biology (3 units)
ANAT SC 3500 Ethics, Science and Society (3 units)
HLTH SC 3100 Exercise, Nutrition & Metabolism (3 units)
HLTH SC 3200 Life Span Nutrition (3 units)
HLTH SC 3201 Exercise, Movement & Cognition (3 units)
OB&GYNAE 3000 Human Reproductive Health III (6 units)
OB&GYNAE 3100 Research Project in Reproductive Health (3 units)
PATHOL 3003 Essentials of Pathology (6 units)
PATHOL 3100 Topics in Forensic Sciences (3 units)
PATHOL 3200 Neurological Diseases (3 units)
PHARM 3010 Pharmacology: Drug Action and Discovery (6 units)
PHARM 3011 Pharmacology: Drug Development & Therapeutics (6 units)
PHYSIOL 3000 Integrative and Applied Systems Physiology (6 units)
PHYSIOL 3001 Cellular & Systems Neurobiology (6 units)
PHYSIOL 3120 Neuromotor Control of Human Movement (3 units)
PHYSIOL 3200 Advanced Exercise Science (3 units)
PSYCHIAT 3200 Fundamentals of Biological Psychiatry (3 units)
PUB HLTH 3122 International Health III (3 units)
PUB HLTH 3123 Evaluation in Public Health III (3 units)
PUB HLTH 3124 Health Promotion III (3 units)
PUB HLTH 3125 Indigenous Health III (3 units)
PUB HLTH 3500EX Rural Public Health III (3 units)
PUB HLTH 3501 Epidemiology in Action III (3 units)

Social Sciences Closed Electives

Level II
DEVT 2101 Community, Gender and Critical Development (3 units)
GEOG 2129 Introductory Geographic Information Systems (3 units)
GSSA 2019 Encountering Human Rights: Global Citizenship (3 units)
GSSA 2019EX Encountering Human Rights: Global Citizenship (3 units)
GSSA 2100 Consumption, Work and the Self (3 units)
GSSA 2100EX Consumption, Work and the Self (3 units)
GSSA 2102 Gender, Bodies and Health (3 units)
GSSA 2105 Gender and Race in a Postcolonial World (3 units)
GSSA 2105EX Gender and Race in a Postcolonial World (3 units)
GSSA 2108 Life on Screen: Social Issues through Film (3 units)
GSSA 2108EX Life on Screen: Social Issues through Film (3 units)
GSSA 2109 Public Scandals & Moral Panics (3 units)
GSSA 2109EX Public Scandals & Moral Panics (3 units)

Level III
Note: ARTS 3100 Community Engagement Learning Project and ARTS 3200 Arts Internship - These courses may be studied if, upon negotiation with the Course Coordinator, a relevant placement can be arranged.

or

Courses to the value of up to 6 units may be taken from the following: GSSA 3018 Social Research Advanced: Real World Practice (6 units)

Open Electives

For each award at Level III students may also take courses to the value of no more than 12 units from other undergraduate courses offered by the University that are available to the student.

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