



Bachelor of Health Science (Advanced) Optional Second Majors Pre-2017

Bachelor of Health Sciences (Advanced) students may choose to complete a second major from the majors listed below, but cannot undertake two of the Advanced degree majors.

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Anatomical Sciences Second Major

Students may complete a second major by taking the following courses:

Level I

All of the following courses must be completed:

S1	ANAT SC 1103	Human Biology IB	3 units
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Level II

Courses to the value of 3 units from the following:

S1	ANAT SC 2109	Biology and Development of Human Tissues	3 units
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S1	ANAT SC 2009	Musculoskeletal Anatomy	3 units
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Or

Courses to the value of 3 units from the following:

Level II Health & Medical Sciences Closed electives in HLTH SC or PHYSIOL

Level III

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

S1	ANAT SC 3102	Comparative Reproductive Biology of Mammals III	3 units
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S1	ANAT SC 3103	Functional Human Neuroanatomy	3 units
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S2	ANAT SC 3500	Ethics, Science and Society	3 units
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S2	ANAT SC 3101	Anthropological & Forensic Anatomy III	3 units
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S2	ANAT SC 3104	Investigative Cell Biology	3 units
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Biochemistry Second Major

Students may complete a second major by taking the following courses:

Note: Course pre-requisites apply.

Level I

Courses to the value of 3 units from the following:

S1	BIOLOGY 1101	Biology I: Molecules, Genes and Cells	3 units
S1	BIOLOGY 1401	Concepts in Biology	3 units

and

Courses to the value of up to 6 units may be taken from the following:

S1	CHEM 1100	Chemistry IA	3 units
S2	CHEM 1200	Chemistry IB	3 units

or

S1	CHEM 1101	Foundations of Chemistry IA	3 units
S2	CHEM 1201	Foundations of Chemistry IB	3 units

Level II

All of the following courses must be completed:

S1	BIOCHEM 2500	Biochemistry II: Molecular and Cell Biology	3 units
S2	BIOCHEM 2501	Biochemistry II: Metabolism	3 units

Level III

All of the following courses must be completed:

S1	BIOCHEM 3000	Molecular and Structural Biology III	6 units
S2	BIOCHEM 3001	Cancer, Stem Cells & Development III	6 units

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Epidemiology Second Major

Students may complete a second major by taking the following courses:

Level I

Courses to the value of 3 units from the following:

Level I Health & Medical Sciences Closed electives in PUB HLTH

Level II

All of the following courses must be completed:

S2 PUB HLTH 2007 Epidemiology for Health and Medical Sciences 3 units

and

Courses to the value of 3 units from the following:

S1 PUB HLTH 2200 Social Foundations of Health II 3 units

S2 PUB HLTH 2008 Rural Australia: Health beyond the 'burbs 3 units

Level III

All of the following courses must be completed:

S1 PUB HLTH 3501 Epidemiology in Action III 3 units

Courses to the value of 6 units from the following:

S2 PUB HLTH 3119 Public Health Internship III 6 units

S2 PUB HLTH 3506 Public Health Theory & Practice 6 units

and

Courses to the value of 3 units from the following:

Level III Health & Medical Sciences Closed electives in PUB HLTH

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Exercise Science Second Major

Students may complete a second major by taking the following courses:

Level I

All of the following courses must be completed:

S2	ANAT SC 1103	Human Biology IB	3 units
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Level II

All of the following courses must be completed:

S1	ANAT SC 2009	Musculoskeletal Anatomy	3 units
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S1	HLTH SC 2102	Principles of Exercise Science	3 units
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S1	PHYSIOL 2510	Physiology IIA: Heart, Lung & Neuromuscular System	3 units
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S2	HLTH SC 2101	Fundamentals of Biomechanics and Human Movement	3 units
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Level III

All of the following courses must be completed:

S1	HLTH SC 3100	Exercise, Nutrition & Metabolism	3 units
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S1	PHYSIOL 3120	Neuromotor Control of Human Movement	3 units
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S2	HLTH SC 3201	Exercise, Movement & Cognition	3 units
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S2	PHYSIOL 3200	Advanced Exercise Science	3 units
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Genetics Second Major

Students may complete a second major by taking the following courses:

Note: Course pre-requisites apply.

Level I

Courses to the value of 3 units from the following:

S1	BIOLOGY 1101	Biology I: Molecules, Genes and Cells	3 units
S1	BIOLOGY 1401	Concepts in Biology	3 units

Level II

All of the following courses must be completed:

S1	GENETICS 2510	Genetics IIA: Foundation of Genetics	3 units
S2	GENETICS 2520	Genetics IIB: Function and Diversity of Genomes	3 units

Level III

All of the following courses must be completed:

S1	GENETICS 3111	Genes, Genomes and Molecular Evolution III	6 units
S2	GENETICS 3211	Gene Expression & Human Development Genetics III	6 units

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Health Promotion Second Major

Students may complete a second major by taking the following courses:

Level I

Courses to the value of 3 units from the following:

Level I Health & Medical Sciences Closed electives in PUB HLTH

Level II

All of the following courses must be completed:

S1	PUB HLTH 2200 Social Foundations of Health II	3 units
S2	PUB HLTH 2007 Epidemiology for Health and Medical Sciences	3 units

Level III

All of the following courses must be completed:

S1	PUB HLTH 3124 Health Promotion III	3 units
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Courses to the value of 6 units from the following:

S2	PUB HLTH 3119 Public Health Internship III	6 units
S2	PUB HLTH 3506 Public Health Theory & Practice	6 units

and

Courses to the value of 3 units from the following:

Level III Health & Medical Sciences Closed electives in PUB HLTH

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Human Reproductive Health Second Major

Students may complete a second major by taking the following courses:

Level I

All of the following courses must be completed:

S2	ANAT SC 1103	Human Biology IB	3 units
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Level II

Courses to the value of 3 units from the following:

S1	ANAT SC 2109	Biology and Development of Human Tissues	3 units
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S2	PHYSIOL 2520	Physiology IIB: Systems & Homeostasis	3 units
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Level III

All of the following courses must be completed:

S1	ANAT SC 3102	Comparative Reproductive Biology of Mammals	3 units
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S1/S2	OB&GYNAE 3100	Research Project in Reproductive Health	3 units
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S2	OB&GYNAE 3000	Human Reproductive Health III	6 units
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Indigenous Health Second Major

Students may complete a second major by taking the following courses:

Level I

Courses to the value of 3 units from the following:

Level I Health & Medical Sciences Closed electives in PUB HLTH

Level II

All of the following courses must be completed:

S1	PUB HLTH 2200 Social Foundations of Health II	3 units
S2	PUB HLTH 2200 Social Foundations of Health II	3 units

Level III

All of the following courses must be completed:

S1	PUB HLTH 3125 Indigenous Health III	3 units
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NOTE: PUB HLTH 3125 Indigenous Health III will not be available in 2018; **students are advised to enrol in this course in 2017** if they wish to complete this major.

Courses to the value of 6 units from the following:

S2	PUB HLTH 3119 Public Health Internship III	6 units
S2	PUB HLTH 3506 Public Health Theory & Practice	6 units

and

Courses to the value of 3 units from the following:

Level III Health & Medical Sciences Closed electives in PUB HLTH

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Microbiology Second Major

Students may complete a second major by taking the following courses:

Note: Course pre-requisites apply.

Level I

Courses to the value of 3 units from the following:

S1	BIOLOGY 1101	Biology I: Molecules, Genes and Cells	3 units
S1	BIOLOGY 1401	Concepts in Biology	3 units

Level II

All of the following courses must be completed:

S1	MICRO 2500	Microbiology II	3 units
S2	MICRO 2501	Immunology & Virology II	3 units

Level III

All of the following courses must be completed:

S1	MICRO 3000	Infection and Immunity IIIA	6 units
S2	MICRO 3001	Infection and Immunity IIIB	6 units

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Neuroscience Second Major

Students may complete a second major by taking the following courses:

Level I

All of the following courses must be completed:

S2	ANAT SC 1103	Human Biology IB	3 units
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Level II

All of the following courses must be completed:

S1	ANAT SC 2109	Biology and Development of Human Tissues	3 units
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S1	PHYSIOL 2510	Physiology IIA: Heart, Lung & Neuromuscular Systems	3 units
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Level III

All of the following courses must be completed:

S1	PHYSIOL 3001	Cellular & Systems Neurobiology	6 units
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Courses to the value of at least 6 units from the following:

S1	ANAT SC 3103	Functional Human Neuroanatomy	3 units
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S2	PATHOL 3200	Neurological Diseases	3 units
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S2	PSYCHIAT 3200	Fundamentals of Biological Psychiatry	3 units
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Nutrition Second Major

Students may complete a second major by taking the following courses:

Level I

All of the following courses must be completed:

S2	ANAT SC 1103	Human Biology IB	3 units
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Level II

All of the following courses must be completed:

S1	HLTH SC 2100	Fundamentals in Human Nutrition	3 units
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S2	PHYSIOL 2520	Physiology IIB: Systems & Homeostasis	3 units
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Level III

All of the following courses must be completed:

S1	HLTH SC 3100	Exercise, Nutrition & Metabolism	3 units
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S2	HLTH SC 3200	Life Span Nutrition	3 units
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S2	ANAT SC 3104	Investigative Cell Biology	3 units
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S2	FOOD SC 3502WT	Nutrition III	3 units
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Pathology Second Major

Students may complete a second major by taking the following courses:

Level I

All of the following courses must be completed:

S2	ANAT SC 1103	Human Biology IB	3 units
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Level II

Courses to the value of 3 units from the following:

Level II Health & Medical Sciences Closed electives in ANAT SC, PHYSIOL or HLTH SC

Level III

All of the following courses must be completed:

S1	PATHOL 3003	Essentials of Pathology	6 units
S2	PATHOL 3100	Topics in Forensic Sciences	3 units
S2	PATHOL 3200	Neurological Diseases	3 units

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Pharmacology Second Major

Students may complete a second major by taking the following courses:

Level I

All of the following courses must be completed:

S2	ANAT SC 1103	Human Biology IB	3 units
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Level II

Level II Health & Medical Sciences Closed electives in ANAT SC, PHYSIOL or HLTH SC

Level III

All of the following courses must be completed:

S1	PHARM 3010	Pharmacology: Drug Action and Discovery	6 units
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S2	PHARM 3011	Pharmacology: Drug Development & Therapeutics	3 units
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S2	PATHOL 3200	Neurological Diseases	3 units
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Physiology Second Major

Students may complete a second major by taking the following courses:

Level I

All of the following courses must be completed:

S2	ANAT SC 1103	Human Biology IB	3 units
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Level II

All of the following courses must be completed:

S1	PHYSIOL 2510	Physiology IIA: Heart, Lung & Neuromuscular Systems	3 units
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S2	PHYSIOL 2520	Physiology IIB: Systems & Homeostasis	3 units
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Level III

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

S1	PHYSIOL 3001	Cellular & Systems Neurobiology	6 units*
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S1	PHYSIOL 3104	Cellular & Systems Neurobiology	3 units*
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S1	PHYSIOL 3120	Neuromotor Control of Human Movement	3 units
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S2	PHYSIOL 3000	Integrative and Applied Systems Physiology	6 units#
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S2	PHYSIOL 3103	Integrative and Applied Systems Physiology	3 units#
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S2	PHYSIOL 3200	Advanced Exercise Science	3 units
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*Students are permitted to choose only one of PHYSIOL 3001 or PHYSIOL 3104

#Students are permitted to choose only one of PHYSIOL 3000 or PHYSIOL 3103

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