

Optional Second Majors

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.

<u>Anatomical Sciences Second Major</u>	2
<u>Biochemistry Second Major</u>	3
<u>Epidemiology Second Major</u>	4
<u>Exercise Science Second Major</u>	5
<u>Genetics Second Major</u>	6
<u>Health Promotion Second Major</u>	7
<u>Human Reproductive Health Second Major</u>	8
<u>Microbiology Second Major</u>	10
<u>Neuroscience Second Major</u>	11
<u>Nutrition Second Major</u>	12
<u>Pathology Second Major</u>	13
<u>Pharmacology Second Major</u>	14
<u>Physiology Second Major</u>	15

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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S2	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 3003	Applied Clinical Anatomy	3 units
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S1	PATHOL 3101	Essentials of Pathology	3 units
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S2	OB&GYNAE 3001	Reproductive Biology <i>(replaces ANAT SC 3102 Comparative Reproductive Biology of Mammals III)</i>	3 units
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S2	PATHOL 3104	Investigative Cell Biology <i>(replaces ANAT SC 3104 Investigative Cell Biology)</i>	3 units
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[Return to list of majors](#)

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

[Return to list of majors](#)

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
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and

Courses to the value of 3 units from the following:

S1	PUB HLTH 2200 Social Foundations of Health II	3 units
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S2	PUB HLTH 2008 Rural Australia: Health beyond the 'burbs	3 units
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Level III

All of the following courses must be completed:

S1	PUB HLTH 3010 Practical Epidemiology in Health Sciences	3 units
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S2	PUB HLTH 3011 Big Challenges in Public Health	3 units
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and

Courses to the value of 6 units from the following:

Level III Health & Medical Sciences Closed electives in PUB HLTH

[Return to list of majors](#)

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	PHYSIOL 2510	Physiology IIA: Heart, Lung & Neuromuscular System	3 units
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S2	ANAT SC 2009	Musculoskeletal Anatomy	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	Human Motor Behaviour and Learning <i>(replaces HLTH SC 3201 Exercise, Movement & Cognition 3 units)</i>	3 units
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S2	PHYSIOL 3200	Advanced Exercise Science	3 units
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[Return to list of majors](#)

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

In order to meet Level II pre-requisites students should also complete:

S2	BIOLOGY 1202	Biology I: Organisms	3units
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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

[Return to list of majors](#)

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
S2	PUB HLTH 3011 Big Challenges in Public Health	3 units

and

Courses to the value of 6 units from the following:

Level III Health & Medical Sciences Closed electives in PUB HLTH

[Return to list of majors](#)

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	HLTH SC 3103	Infant, Child and Adolescent Health	3 units
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S1	PAEDIAT 3000	Biology of Childhood Growth, Development & Health	3 units
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S2	OB&GYNAE 3001	Reproductive Biology <i>(Replaces ANAT SC 3102 Comparative Reproductive Biology of Mammals III)</i>	3 units
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S2	HLTH SC 3006	Reproductive Health Matters <i>(Replaces OB&GYNAE 3000 Human Reproductive Health III)</i>	3 units
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[Return to list of majors](#)

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

[Return to list of majors](#)

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 2006	Foundations of Human Neuroanatomy	3 units
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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

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

S1	PHYSIOL 3104	Cellular & Systems Neurobiology	3 units
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(Replaces PHYSIOL 3000 Cellular & Systems Neurobiology, 6 units)

S1	PHYSIOL 3120	Neuromotor Control of Human Movement	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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S2	HLTH SC 3201	Human Motor Behaviour & Learning	3 units
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(Replaces HLTH SC 3201 Exercise, Movement & Cognition)

[Return to list of majors](#)

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	PATHOL 3104	Investigative Cell Biology <i>(Replaces ANAT SC 3104 Investigative Cell Biology)</i>	3 units
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S2	FOOD SC 3502WT	Nutrition III	3 units
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[Return to list of majors](#)

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	3 units
		<i>(Replaces PATHOL 3003 Essentials of Pathology, 6 units)</i>	
S2	PATHOL 3100	Topics in Forensic Sciences	3 units
S2	PATHOL 3200	Neurological Diseases	3 units
S2	PATHOL 3104	Investigative Cell Biology	3 units
		<i>(Replaces ANAT SC 3104 Investigative Cell Biology)</i>	

[Return to list of majors](#)

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 3104	Cellular & Systems Neurobiology	3 units
		<i>(Replaces PHYSIOL 3001 Cellular & Systems Neurobiology, 6 units)</i>	

S1	PHYSIOL 3120	Neuromotor Control of Human Movement	3 units
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S2	PHYSIOL 3103	Integrative and Applied Systems Physiology	3 units
		<i>(Replaces PHYSIOL 3000 Integrative and Applied Systems Physiology, 6 units)</i>	

S2	PHYSIOL 3200	Advanced Exercise Science	3 units
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[Return to list of majors](#)