Science

Bachelor of Life Science (3966)

2015 Commencing Students Click on the page number below to navigate to the approved Major sequence

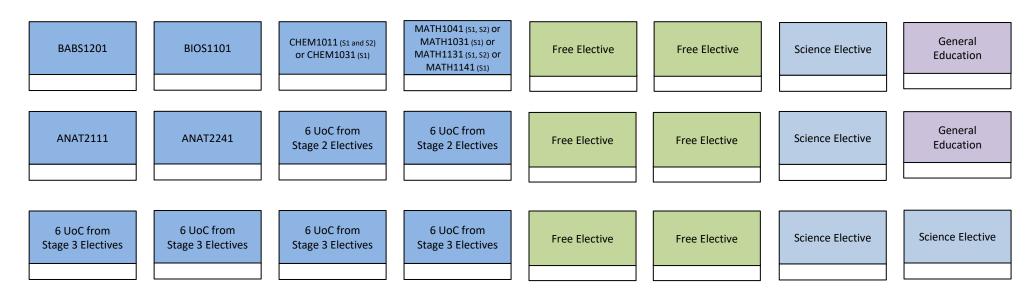
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Information is correct as of 29.08.2022 and is based on proposed prerequisites and course availability. This is to be used as a guide only and does not replace individual advice. Refer to the
Handbook and Class Timetable for the relevant term to check availability for these courses. Contact The Nucleus: Student Hub for further assistance. CRICOS Provider Code 00098G



Anatomy (ANATA13966)



Program Structure			
Major	72 UoC (12 courses)	96 UoC	
Science Electives	24 UoC (4 courses)		14411-0
Free Electives	36 UoC (6 courses)	48 UoC	144 UoC
General Education	12 UoC (2 courses)	48 UUC	

In addition to the courses required for your major, students must also take *Science Electives, Free Electives*, and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major.

Stage 2 Electives:

ANAT2341, ANAT2521, PATH2201, PHSL2101, PHSL2201

Stage 3 Electives:

ANAT3121, ANAT3131, ANAT3141, ANAT3212, ANAT3231, ANAT3411, NEUR3211

Recommended Electives:

NEUR3101, NEUR3221, PATH3205, PATH3207, PHSL3211, PHSL3221

Science Electives are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

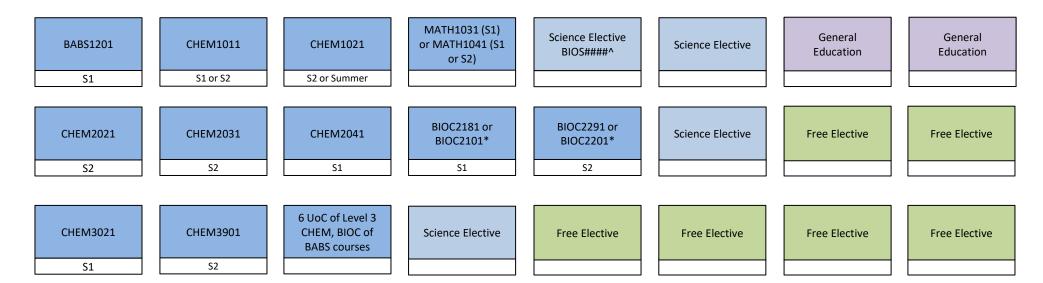
Free Electives may be from Science or from any other Faculty at UNSW.

General Education courses <u>cannot</u> be Science courses, and Science students cannot take GEN<u>S</u> courses for their General Education.

Recommended Electives are not required, but are recommended as complementary courses for this major when choosing electives.



Biological Chemistry (CHEMJ13966)



Program Structure			
Major	72 UoC (12 courses)	96 UoC	
Science Electives	24 UoC (4 course)		
Free Electives	36 UoC (6 courses)	49.1160	144 UoC
General Education	12 UoC (2 courses)	48 UoC	

In addition to the courses required for your major, students must also take *Science Electives, Free Electives*, and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major.

Recommended Electives:

BABS3121*, BIOC3111*, BIOC3261*, BIOC3271*, CHEM3031, CHEM6041

Note:

*Students intending on taking level 3 BIOC or BABS courses should take the advanced level 2 BIOC courses in place of BIOC2181 and BIOC2291.

^ Students must complete at least 6 UOC of courses with the course code BABS####, and at least 6 UOC of courses with the course code BIOS####.

Science Electives are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

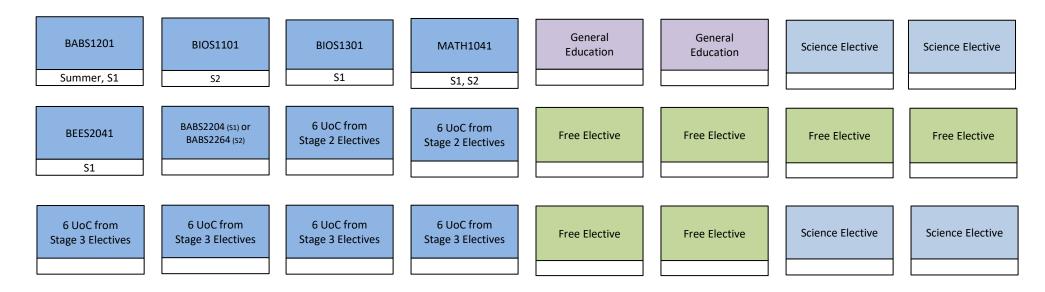
Free Electives may be from Science or from any other Faculty at UNSW.

General Education courses <u>cannot</u> be Science courses, and Science students cannot take GEN<u>S</u> courses for their General Education.

Recommended Electives are not required, but are recommended as complementary courses for this major when choosing electives.



Biology (BIOSJ13966)



Program Structure			
Major	72 UoC (12 courses)	96 UoC	
Science Electives	14 UoC (4 courses)		14411-0
Free Electives	36 UoC (6 courses)	49.1160	144 UoC
General Education	12 UoC (2 courses)	48 UoC	

In addition to the courses required for your major, students must also take *Science Electives, Free Electives*, and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major.

Stage 2 Electives:

BIOS2011, BIOS2031, BIOS2051, BIOS2061

Stage 3 Electives:

BIOS3011, BIOS3061, BIOS3161, BIOS3171, BIOS3221, BIOS3601, BIOS3711, BIOS6671 (or BIOS3671)

Recommended Electives: CHEM1011 (or CHEM1031), GEOS2071, BIOS3081, BIOS3091, GEOS3911, BEES3041 Science Electives are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

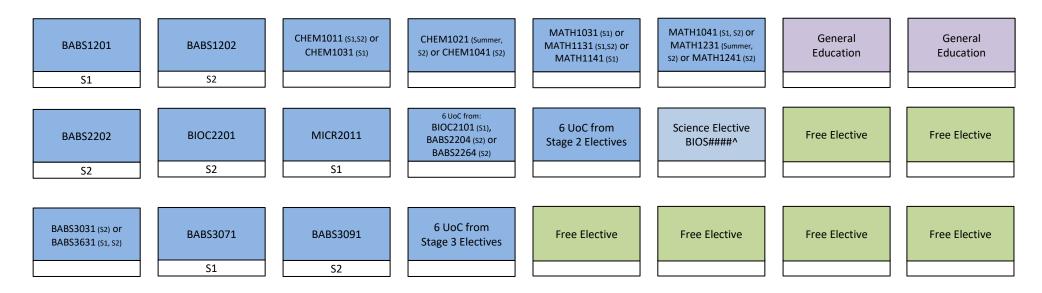
Free Electives may be from Science or from any other Faculty at UNSW.

General Education courses <u>cannot</u> be Science courses, and Science students cannot take GEN<u>S</u> courses for their General Education.

Recommended Electives are not required, but are recommended as complementary courses for this major when choosing electives.



Biotechnology (BIOTA13966)



Program Structure			
Major	90 UoC (15 courses)	96 UoC	
Science Elective	6 UoC (1 course)		144.0-0
Free Electives	36 UoC (6 courses)	40.11-0	144 UoC
General Education	12 UoC (2 courses)	48 UoC	

In addition to the courses required for your major, students must also take *Science Electives, Free Electives,* and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major.

Stage 2 Electives:

BABS2011, BIOS2011, CHEM2021, CHEM2041, PHSL2101

Stage 3 Electives:

BABS3061, BABS3121 (or BABS3621), BABS3021 (or MICR3621), BABS3041, BABS3081, BABS3151, BABS3281, BABS3291, BABS6741, BIOT3081, BIOC3111, BIOC3261, BIOC3271 (or BIOC3671), CHEM3901, FOOD3010, MICR3061, MICR3071

Note:

A student can specialise in a particular area of Biotechnology by selecting certain electives. Refer to the handbook to find recommended elective choices.

^ Students must complete at least 6 UOC of courses with the course code BABS####, and at least 6 UOC of courses with the course code BIOS####.

Science Electives are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

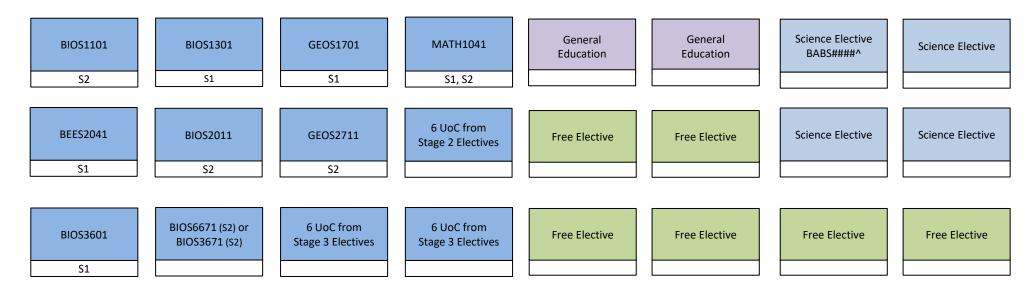
Free Electives may be from Science or from any other Faculty at UNSW.

General Education courses <u>cannot</u> be Science courses, and Science students cannot take GENS courses for their General Education.

Recommended Electives are not required, but are recommended as complementary courses for this major when choosing electives.



Ecology (BIOSG13966)



Program Structure			
Major	72 UoC (12 courses)	96 UoC	
Science Electives	24 UoC (4 courses)		14411-0
Free Electives	36 UoC (6 courses)	48 UoC	144 UoC
General Education	12 UoC (2 courses)	48 UUC	

In addition to the courses required for your major, students must also take *Science Electives, Free Electives*, and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major.

Stage 2 Electives: BIOS2031, BIOS2051, BIOS2061

Stage 3 Electives: BIOS3061, BIOS3091, BIOS3161, BIOS3081 (or BIOS3681)

Recommended Electives: GEOS2811, MSCI2001, GEOS3911, BEES3041

Note:

^ Students must complete at least 6 UOC of courses with the course code BABS####, and at least 6 UOC of courses with the course code BIOS####.

Science Electives are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

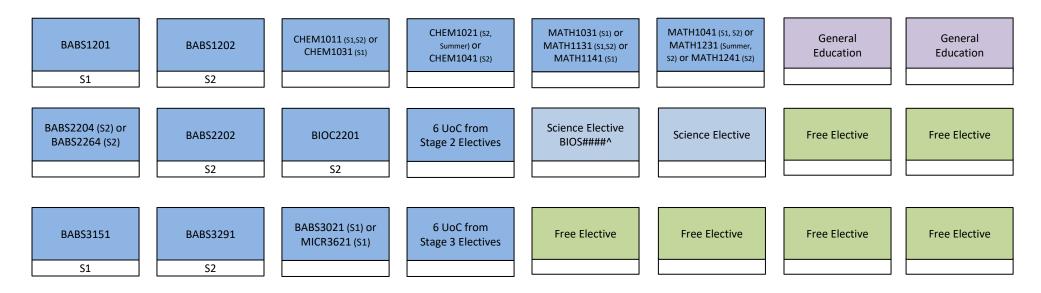
Free Electives may be from Science or from any other Faculty at UNSW.

General Education courses <u>cannot</u> be Science courses, and Science students cannot take GEN<u>S</u> courses for their General Education.

Recommended Electives are not required, but are recommended as complementary courses for this major when choosing electives.



Genetics (BIOCC13966)



Program Structure			
Major	84 UoC (14 courses)	96 UoC	
Science Electives	12 UoC (2 courses)		4444-0
Free Electives	36 UoC (6 courses)	49.1160	144 UoC
General Education	12 UoC (2 courses)	48 UoC	

In addition to the courses required for your major, students must also take *Science Electives, Free Electives*, and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major.

Stage 2 Electives: BIOC2101, MICR2011

Stage 3 Electives: BABS3281, BINF3010

Note:

^Students must complete at least 6 UOC of courses with the course code BABS####, and at least 6 UOC of courses with the course code BIOS####.

Science Electives are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

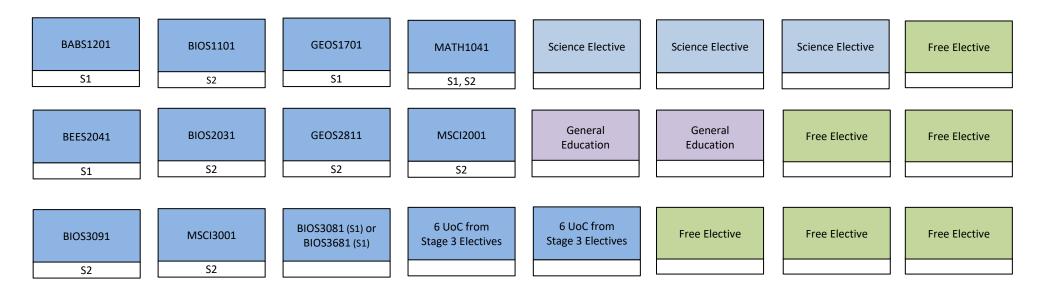
Free Electives may be from Science or from any other Faculty at UNSW.

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Recommended Electives are not required, but are recommended as complementary courses for this major when choosing electives.



Marine Science (MSCIM13966)



Program Structure			
Major	78 UoC (13 courses)	96 UoC	
Science Electives	18 UoC (3 courses)		144.0-0
Free Electives	36 UoC (6 courses)	49.1160	144 UoC
General Education	12 UoC (2 courses)	48 UoC	

In addition to the courses required for your major, students must also take *Science Electives, Free Electives,* and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major.

Stage 3 Electives:

GEOS3731, GEOS3911, GEOS3921, MSCI3201, BIOS6671 (or BIOS3671)

Recommended Electives:

BIOS1301, GEOS1211, CHEM1011 (or CHEM1031), CHEM1021 (or CHEM1041), GEOS2721, BEES3041

Science Electives are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

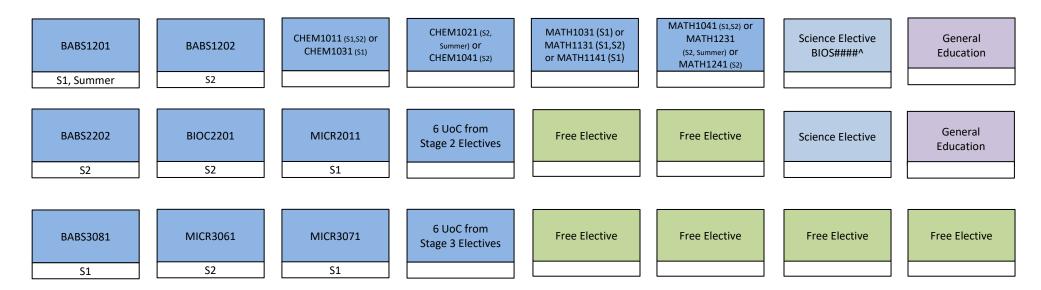
Free Electives may be from Science or from any other Faculty at UNSW.

General Education courses <u>cannot</u> be Science courses, and Science students cannot take GEN<u>S</u> courses for their General Education.

Recommended Electives are not required, but are recommended as complementary courses for this major when choosing electives.



Microbiology (MICRB13966)



Program Structure			
Major	84 UoC (14 courses)	96 UoC	
Science Electives	12 UoC (2 courses)		
Free Electives	36 UoC (6 courses)	48 1100	144 UoC
General Education	12 UoC (2 courses)	48 UoC	

In addition to the courses required for your major, students must also take *Science Electives, Free Electives*, and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major.

Stage 2 Electives: BIOC2101, BABS2204 (or BABS2264)

Stage 3 Electives: BABS3041, BABS3021 (or MICR3621)

Note:

^ Students must complete at least 6 UOC of courses with the course code BABS####, and at least 6 UOC of courses with the course code BIOS####.

Science Electives are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

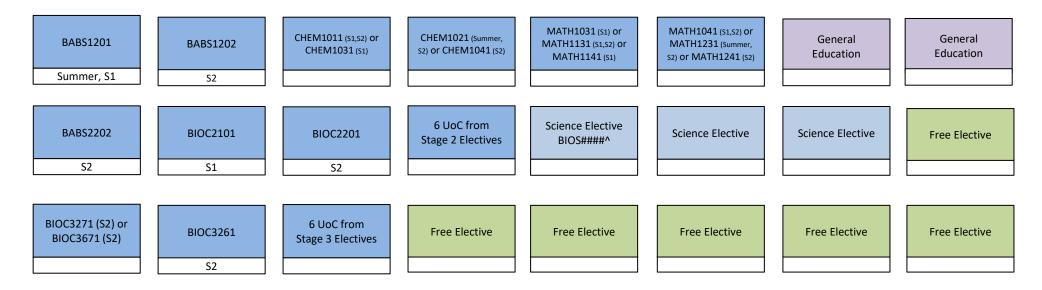
Free Electives may be from Science or from any other Faculty at UNSW.

General Education courses <u>cannot</u> be Science courses, and Science students cannot take GEN<u>S</u> courses for their General Education.

Recommended Electives are not required, but are recommended as complementary courses for this major when choosing electives.



Molecular and Cell Biology (BIOCM13966)



Program Structure			
Major	78 UoC (13 courses)	96 UoC	
Science Electives	18 UoC (3 courses)		14411-0
Free Electives	36 UoC (6 courses)	48 UoC	144 UoC
General Education	12 UoC (2 courses)	48 UUC	

In addition to the courses required for your major, students must also take *Science Electives, Free Electives,* and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major.

Stage 2 Electives: MICR2011, BABS2204 (or BABS2264)

Stage 3 Electives: BABS3281, BIOC3111, BABS3121

Recommended Electives for students interested in Biochemistry: CHEM2021, CHEM2041, BABS3021 (or MICR3621), CHEM3021, CHEM6041

Recommended Electives for students interested in Genetics: BABS3021 (or MICR3621), BINF3010

Note:

^ Students must complete at least 6 UOC of courses with the course code BABS####, and at least 6 UOC of courses with the course code BIOS####.

Science Electives are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

Free Electives may be from Science or from any other Faculty at UNSW.

General Education courses <u>cannot</u> be Science courses, and Science students cannot take GENS courses for their General Education.

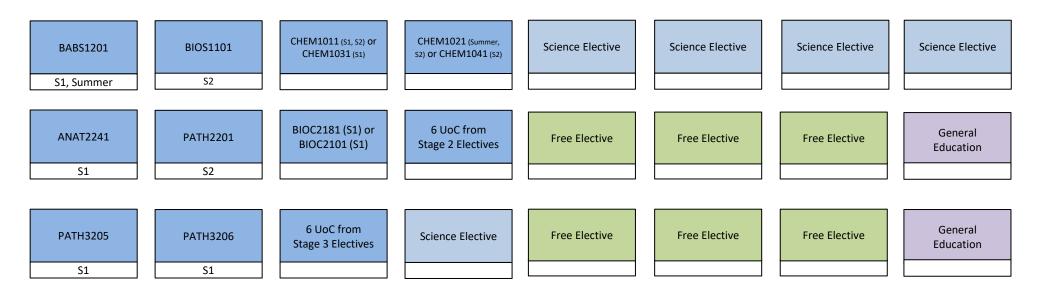
Recommended Electives are not required, but are recommended as complementary courses for this major when choosing electives.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

Information correct for students commencing the Bachelor of Life Sciences in 2015



Pathology (PATHA13966)



Program Structure			
Major	66 UoC (11 courses)	96 UoC	
Science Electives	30 UoC (5 courses)		14411-0
Free Electives	36 UoC (6 courses)	49.11-0	144 UoC
General Education	12 UoC (2 courses)	48 UoC	

In addition to the courses required for your major, students must also take *Science Electives, Free Electives*, and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major.

Stage 2 Electives: ANAT2111, BABS2202, MICR2011

Stage 3 Electives: ANAT3212, BABS3041, PATH3207, PATH3208

Recommended Electives: MATH1041 **Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

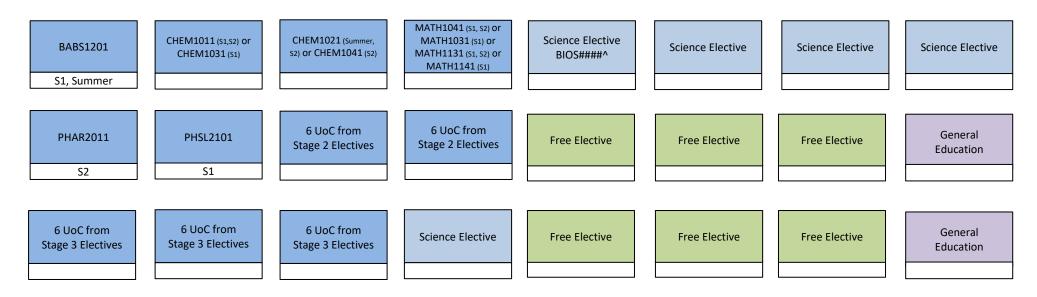
Free Electives may be from Science or from any other Faculty at UNSW.

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Recommended Electives are not required, but are recommended as complementary courses for this major when choosing electives.



Pharmacology (PHARA13966)



Program Structure				
Major	66 UoC (11 courses)	96 UoC	144 UoC	
Science Electives	30 UoC (5 courses)			
Free Electives	36 UoC (6 courses)	48 UoC		
General Education	12 UoC (2 courses)			

In addition to the courses required for your major, students must also take *Science Electives, Free Electives*, and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major.

Stage 2 Electives:

BABS2202, CHEM2021, CHEM2041, PHSL2201, BIOC2181 (or BIOC2101), BIOC2291 (or BIOC2201)

Stage 3 Electives: PHAR3101, PHAR3102, PHAR3202, PHAR3251

Recommended Electives: BIOC3111, BIOC3271, CHEM6041, NEUR3221, PHSL3211, PHSL3221

Note:

^ Students must complete at least 6 UOC of courses with the course code BABS####, and at least 6 UOC of courses with the course code BIOS####.

Science Electives are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

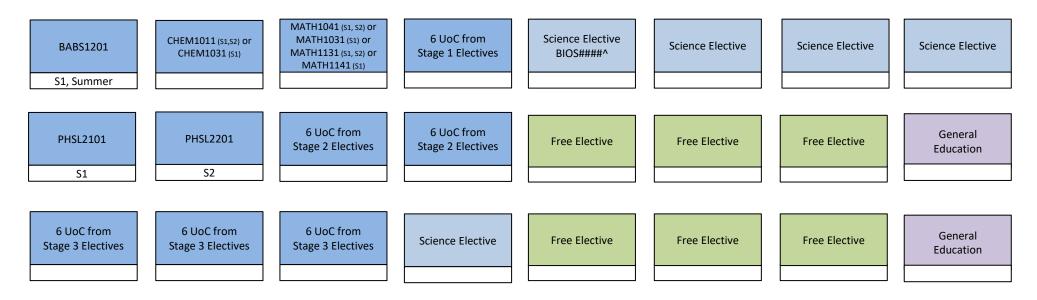
Free Electives may be from Science or from any other Faculty at UNSW.

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Recommended Electives are not required, but are recommended as complementary courses for this major when choosing electives.



Physiology (PHSLA13966)



Program Structure					
Major	66 UoC (11 courses)	96 UoC	144 UoC		
Science Electives	30 UoC (5 courses)				
Free Electives	36 UoC (6 courses)	48 UoC			
General Education	12 UoC (2 courses)				

In addition to the courses required for your major, students must also take *Science Electives, Free Electives*, and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major.

Stage 1 Electives:

BIOS1101, CHEM1021 (or CHEM1041), PHYS1111 (or PHYS1121 or PHYS1131)

Stage 2 Electives:

NEUR2201, PHAR2011, BIOC2181 (or BIOC2101), BIOC2291 (or BIOC2201)

Stage 3 Electives:

NEUR3101, NEUR3121, NEUR3221, PHSL3211, PHSL3221

Recommended Electives: BIOC3261

Note:

^ Students must complete at least 6 UOC of courses with the course code BABS####, and at least 6 UOC of courses with the course code BIOS####.

Science Electives are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

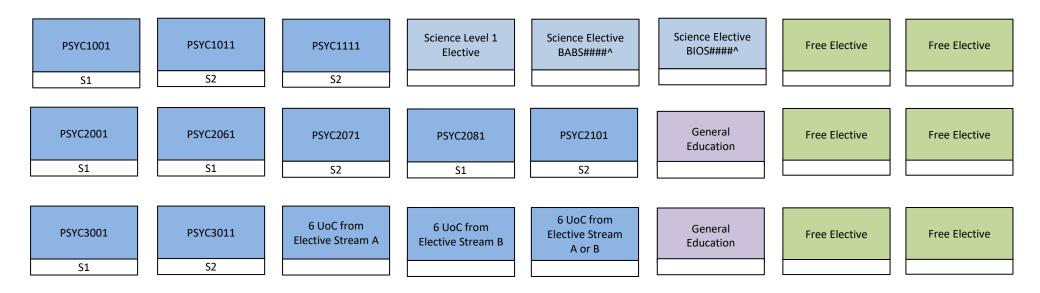
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Recommended Electives are not required, but are recommended as complementary courses for this major when choosing electives.



Psychology (PSYCA13966)



Program Structure				
Major	78 UoC (13 courses)	96 UoC	144 UoC	
Science Electives	18 UoC (3 courses)			
Free Electives	36 UoC (6 courses)	48 UoC		
General Education	12 UoC (2 courses)			

In addition to the courses required for your major, students must also take *Science Electives, Free Electives*, and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major.

Elective Stream A:

PSYC3051, PSYC3211, PSYC3221, PSYC3241, PSYC3311, PSYC3371

Elective Stream B:

PSYC3121, PSYC3141, PSYC3301, PSYC3331, PSYC3341, PSYC3361

Recommended Elective: PSYC1031

Note:

^ Students must complete at least 6 UOC of courses with the course code BABS####, and at least 6 UOC of courses with the course code BIOS####.

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Free Electives may be from Science or from any other Faculty at UNSW.

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Recommended Electives are not required, but are recommended as complementary courses for this major when choosing electives.