Bachelor of Advanced Science (3962) - Handbook

Science

Bachelor of Advanced Science (Honours) (3962)

2024 Commencing Students Double Degree Major in Anatomy (ANATF1)

Choose from available proposed courses in each year

Year 1			
SCIF0000 Introduction to University (0 UOC) (T1, T2, T3)	BABS1201 (T1, T3)	BIOS1101 (T2)	SCIF1001 (T3)
	CHEM1011 (T1, T2, T3) OR CHEM1031 (T1)	Other Degree Course	Other Degree Course
	MATH1031 OR MATH1041 OR MATH1131 OR MATH1141 OR MATH1151	Other Degree Course	

Year 2		
ANAT2111 (T1, T2)	ANAT2241 (T2)	SCIF2001 (TBC)
6 UOC Level 2 Prescribed Elective (See Note 1)	Other Degree Course	6 UOC Level 2 Prescribed Elective (See Note 1)
Other Degree Course	Other Degree Course	

Year 3		
6 UOC Level 3 Prescribed Elective (See Note 2)	6 UOC Level 3 Prescribed Elective (See Note 2)	SCIF3041 or SOMS3001
6 UOC Level 3 Prescribed Elective (See Note 2)	6 UOC Science Elective	6 UOC Level 3 Prescribed Elective (See Note 2)
Other Degree Course	Other Degree Course	

Year 4			
Other Degree Course	Other Degree Course	Other Degree Course	SCIF3010 Graduation Portfolio (0 UOC) (T1, T2, T3)
Other Degree Course	Other Degree Course	Other Degree Course	
Other Degree Course	Other Degree Course		

NOTES

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.

See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

In double degrees with Law or Engineering, a further 48uoc of other faculty course must be studied in addition to what is pictured here (Year 5)

Note 1: Level 2 Prescribed Elective: ANAT2341, ANAT2521, PATH2201, PHSL2101, PHSL2201
Note 2: Level 3 Prescribed Elective: ANAT3121, ANAT3131, ANAT3141, ANAT3411, SOMS3232

Honours	Honours	Honours	Honours
Honours	Honours	Honours	Honours

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Science

Bachelor of Advanced Science (Honours) (3962)

2024 Commencing Students Single Degree Major in Biology and Biodiversity (BIOSP1)

Choose from available proposed courses in each year

Year 1			
SCIF0000 Introduction to University (0 UOC) (T1, T2, T3)	BIOS1301 (T1)	BIOS11n / MCID 50/Lang (en-US)>BDC q0.00	

Year 2		
BEES2041 (T1)	BIOS2011 OR BIOS2031 OR BIOS2051 OR BIOS2061 OR BIOS2500	SCIF2001 (TBC)
BIOS2011 OR BIOS2031 OR BIOS2051 OR BIOS2061 OR BIOS2500	6 UOC Free Elective	BIOS2011 OR BIOS2031 OR BIOS2051 OR BIOS2061 OR BIOS2500
6 UOC Free Elective	6 UOC General Education	

Year 3			
BIOS3171 (T3)	6 UOC Prescribed Level 3 Elective (See Notes 1)	6 UOC Prescribed Level 3 Elective (See Notes 1)	SCIF3010 Graduation Portfolio (0 UOC) (T1, T2, T3)
6 UOC Prescribed Level 3 Elective (See Notes 1)	6 UOC Free Elective	6 UOC Prescribed Level 3 Elective (See Notes 1)	
6 UOC Free Elective	6 UOC General Education		

NOTES

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See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

Note 1: Prescribed Level 3 Elective: BEES3041 OR BIOS3111 OR BIOS3061 OR BIOS3601 OR BIOS3161 OR BIOS3221 OR BEES3199

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Science

Bachelor of Advanced Science (Honours) (3962)

2024 Commencing Students Double Degree Major in Biotechnology (BIOTB1)

Choose from available proposed courses in each year

NOTES	

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Bachelor of Advanced Science (Honours) (3962)

Information is correct as of 08/05/2024 and is based on proposed prerequisites and course availability.

Bachelor of Advanced Science (Honours) (3962)

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Science

Bachelor of Advanced Science (Honours) (3962)

2024 Commencing Students Double Degree Major in Climate Systems Science (CLIMB1)

Choose from available proposed courses in each year

Year 1			
SCIF0000 Introduction to University (0 UOC) (T1, T2, T3)	PHYS1121 (T1, T2, T3) OR PHYS1131 (T1, T2, T3)	GEOS1701 (T2)	SCIF1001 (T3)
	CHEM1011 IT1, T2, T3) OR CHEM1031 (T1)	MATH1231 (T1, T2, T3) OR MATH1241 (T1, T2)	Other Degree Course
	MATH1131 (T1, T2, T3) OR MATH1141 (T1, T3)	Other Degree Course	

Year 2		
CLIM2001 (T1)	6 UOC Level 2 Prescribed Elective (See Note 1)	SCIF2001 (TBC)
6 UOC Level 2 Prescribed Elective (See Note 1)	Other Degree Course	CLIM2002 (T1, T3)
Other Degree Course	Other Degree Course	

Year 3		
6 UOC Level 3 Prescribed Elective (See Note 2)	CLIM3001 (T2)	SCIF3041 (T1, T2, T3, Summer)
Other Degree Course	MSCI3001 (T2)	6 UOC Level 3 Prescribed Elective (See Note 2)
Other Degree Course	Other Degree Course	

Year 4			
Other Degree Course	Other Degree Course	Other Degree Course	SCIF3010 Graduation Portfolio (0 UOC) (T1, T2, T3)
Other Degree Course	Other Degree Course	Other Degree Course	
Other Degree Course	Other Degree Course		

NOTES

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See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

In double degrees with Law or Engineering, a further 48uoc of other faculty course must be studied in addition to what is pictured here (Year 5)

Note 1: Level 2 Prescribed Elective: CVEN2701, GEOS2241, GEOS2291, GESO2711, GEOS2821, MATH2301, MATH2901, MATH2241, MATH2011, MATH2121
Note 2: Level 3 Prescribed Elective: CVEN3501, GEOS3761, GEOS3821. GEOS3921, MATH3261, SCIF3000, BEES3199

Honours	Honours	Honours	Honours
Honours	Honours	Honours	Honours

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Bachelor of Advanced Science (Honours) (3962)

Information is correct as of 08/05/2024 and is based on proposed prerequisites and course availability.

Science

Bachelor of Advanced Science (Honours) (3962)

2024 Commencing Students Double Degree Major in Earth Science (GEOLN1)

Choose from available proposed courses in each year

Year 1			
SCIF0000 Introduction to University (0 UOC) (T1, T2, T3)	GEOS1211 (T1)	GEOS1701 (T2)	SCIF1001 (T3)
	MATH1041 (T1, T2, T3)	Other Degree Course	

NOTES

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See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

In double degrees with Law or Engineering, a further 48uoc of other faculty course must be studied in addition to what is pictured here (Year 5)

Note 1: Level 2 Prescribed Elective: BEES2741, GEOS2291, GEOS2721, GEOS2821, MERE2001, MERE2002
Note 2: Level 3 Prescribed Elective: BEES3199, GEOS3761, GEOS3911

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Science

Bachelor of Advanced Science (Honours) (3962)

2024 Commencing Students Single Degree Major in Ecology and Conservation (BIOSN1)

Choose from available proposed courses in each year

Year 2		
BEES2041 (T1)	BIOS2051 OR BIOS2123 OR GEOS2711 OR GEOS2821	SCIF2001 (TBC)
BIOS2011 (T1)	6 UOC Free Elective	BIOS2051 OR BIOS2123 OR GEOS2711 OR GEOS2821
6 UOC Free Elective	6 UOC General Education	

Year 3			
BIOS3601 (T1)	6 UOC Level 3 Prescribed Elective (See Notes 1)	BIOS3601 OR BIOS3161	SCIF3010 Graduation Portfolio (0 UOC) (T1, T2, T3)
6 UOC Level 3 Prescribed Elective (See Notes 1)	C /Span <MCID 27/Lang (en-US)>BDC q0.000 0 1623 0 780		

NOTES

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See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

Note 1: Level 3 Prescribed Elective: BEES3041, BIOS3081, BIOS3123, BIOS3171, BIOS6723, GEOS3911, BEES3199

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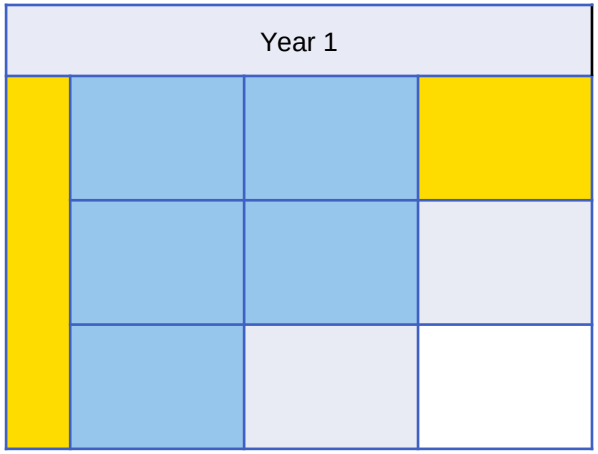
Bachelor of Advanced Science (Honours) (3962)

Science

Bachelor of Advanced Science (Honours) (3962)

2024 Commencing Students Double Degree Major in Materials Science (MATSP1)

Choose from available proposed courses in each year



NOTES

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See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

In double degrees with Law or Engineering, a further 48uoc of other faculty course must be studied in addition to what is pictured here (Year 5)

Note 1: Prescribed Level 2 or 3 Elective: MATS2005, MATS2007, MATS3003, MATS3005, MATS3006, MATS3007, MATS3007, MATS3199, SCIF3041

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Bachelor of Advanced Science (Honours) (3962)

Bachelor of Advanced Science (Honours) (3962)

Science

Bachelor of Advanced Science (Honours) (3962)

2024 Commencing Students Double Degree Major in Marine and Coastal Science (MSCIK1)

Choose from available proposed courses in each year

	Year 1		
SCIF0000 Introduction to University (0 UOC)	MATH1041 (T1, T2, T3)		

NOTES

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See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

In double degrees with Law or Engineering, a further 48uoc of other faculty course must be studied in addition to what is pictured here (Year 5)

Information is correct as of 08/05/2024 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

Science

Bachelor of Advanced Science (Honours) (3962)

2024 Commencing Students Single Degree Major in Microbiology (MICRE1)

Choose from available proposed courses in each year

NOTES	

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Science

Bachelor of Advanced Science (Honours) (3962)

2024 Commencing Students Double Degree Major in Microbiology (MICRE1)

Choose from available proposed courses in each year

Year 1			
SCIF0000 Introduction to University (0 UOC) (T1, T2, T3)	BABS1201 (T1, T3)	BABS1202 (T2)	SCIF1001 (T3)
	CHEM1011 (T1, T2, T3) OR CHEM1031 (T1)	MATH1041 (T1, T2, T3)	CHEM1021 (T1, T3) OR CHEM1041 (T2)
	Other Degree Course	Other Degree Course	

Year 2		
MICR2011 (T1)	BABS2202 (T2)	SCIF2001 (TBC)
BABS2240 OR BABS2101	Other Degree Course	BIOC2201 (T3)
Other Degree Course	Other Degree Course	

Year 3		
6 UOC from Level 3 Prescribed Electives (See Notes 1)	6 UOC from Level 3 Prescribed Electives (See Notes 1)	6 UOC Microbiology Elective (See Notes 2)
6 UOC from Level 3 Prescribed Electives (See Notes 1)	Other Degree Course	6 UOC from Level 3 Prescribed Electives (See Notes 1)
Other Degree Course	Other Degree Course	

Year 4			
Other Degree Course	Other Degree Course	Other Degree Course	SCIF3010 Graduation Portfolio (0 UOC) (T1, T2, T3)
Other Degree Course	Other Degree Course	Other Degree Course	
Other Degree Course	Other Degree Course		

NOTES

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.

See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

In double degrees with Law or Engineering, a further 48uoc of other faculty course must be studied in addition to what is pictured here (Year 5)

Note 1: Level 3 Prescribed Electives: BABS3041, BABS3061, BABS3081, BABS3200, MICR3061, MICR3071, MICR3621
Note 2: Microbiology Elective: BABS3071, BABS3199, BABS3281, BABS3301, BIOC3111

Honours	Honours	Honours	Honours
Honours	Honours	Honours	Honours

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Science

Bachelor of Advanced Science (Honours) (3962)

2024 Commencing Students Double Degree Major in Molecular and Cell Biology (BIOCL1)

Choose from available proposed courses in each year

Year 1			
SCIF0000 Introduction to University (0 UOC) (T1, T2, T3)	BABS1201 (T1, T3)	BABS1202 (T2)	SCIF1001 (T3)
	CHEM1011 (T1, T2, T3) OR CHEM1031 (T1)	CHEM1021 (T1, T2, T3) OR CHEM1041 (T2)	Other Degree Course
	MATH1041 (T1, T2, T3)	Other Degree Course	

Year 2		
BABS2101	BABS2204 OR BABS2264 OR MICR2011	SCIF2001 (TBC)
Other Degree Course	BABS2202 (T2)	BIOC2201 (T3)
Other Degree Course	Other Degree Course	

Year 3		
BABS3121 (T1)	BIOC3271 (T2) OR BIOC3671 (T2)	BABS3041 OR BABS3281 OR BABS3199 OR BAB3301
Other Degree Course	BIOC3111 u39 Tm0 g0/Lang (en-US)>BDC q0.000011623 0	

NOTES

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See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

In double degrees with Law or Engineering, a further 48uoc of other faculty course must be studied in addition to what is pictured here (Year 5)

Information is correct as of 08/05/2024 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

Science

Bachelor of Advanced Science (Honours) (3962)

2024 Commencing Students Double Degree Major in Neuroscience (NEURA1)

Choose from available proposed courses in each year

Year 1			
SCIF0000 Introduction to University (0 UOC)	BABS1201 (T1, T3)	PSYC1011 (T2, T3)	SCIF1001 (T3)
	PSYC1001 (T1, T3)	Other Degree Course	MATH1041 (T1, T2, T3) OR PHYS1111 (T3)
	CHEM1011 (T1, T2, T3) OR CHEM1031 (T1)	Other Degree Course	

Year 2		
PHSL2101 (T1)	NEUR2201 (T2)	SCIF2001 (TBC)
6 UOC Neuroscience Level 2 or 3 Elective	6 UOC Neuroscience Level 2 or 3 Elective	6 UOC Neuroscience Level 2 or 3 Elective
Other Degree Course	Other Degree Course	

Year 3		
6 UOC Neuroscience Level 2 or 3 Elective	6 UOC Neuroscience Level 2 or 3 Elective	SCIF2001 OR SCIF2041 OR SCIF3041 OR SOMS3001
Other Degree Course	Other Degree Course	6 UOC Neuroscience Level 2 or 3 Elective
Other Degree Course	Other Degree Course	

Year 4			
Other Degree Course	Other Degree Course	Other Degree Course	SCIF3010 Graduation Portfolio (0 UOC) (T1, T2, T3)
Other Degree Course	Other Degree Course	Other Degree Course	
Other Degree Course	Other Degree Course		

NOTES

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See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

In double degrees with Law or Engineering, a further 48uoc of other faculty course must be studied in addition to what is pictured here (Year 5)

Honours	Honours	Honours	Honours
Honours	Honours	Honours	Honours

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Science

Bachelor of Advanced Science (Honours) (3962)

2024 Commencing Students Single Degree Major in Pathology (PATHB1)

Choose from available proposed courses in each year

NOTES	

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Bachelor of Advanced Science (Honours) (3962)

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Science

Bachelor of Advanced Science (Honours) (3962)

2024 Commencing Students Single Degree Major in Physiology (PHSLB1)
Choose from available proposed courses in each year

Year 2		
PHSL2101 (T1)	PHSL2201 (T2)	

NOTES	
	This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. **See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.** **Note 1: Prescribed Level 1 Elective: BIOS1101, CHEM1021, CHEM1041, PHYS1111, PHYS1121, PHYS1131** **Note 2: Prescribed Level 2 Elective: ANAT2111, ANAT2241, BIOC2101, BIOC2201, NEUR2201, PHAR2011** **Note 3: Prescribed Level 3 Elective: NEUR3101, NEUR3121, NEUR3221, PHSL3211, PHSL3221** **Note 4: Prescribed Level Elective: BIOC3261, NEUR3101, NEUR3121, NEUR3221, PHSL3211, PHSL3221, SOMS3232**

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Science

Bachelor of Advanced Science (Honours) (3962)

2024 Commencing Students Double Degree Major in Psychology (PSYCA1)

Choose from available proposed courses in each year

Year 1			
SCIF0000 Introduction to University			

NOTES

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In double degrees with Law or Engineering, a further 48uoc of other faculty course must be studied in addition to what is pictured here (Year 5)

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Science

Bachelor of Advanced Science (Honours) (3962)

2024 Commencing Students Single Degree Major in Statistics (MATHK1)

Choose from available proposed courses in each year

Year 1			
SCIF0000 Introduction to University			

Year 2		
MATH2111 (T1)	MATH2901 (T2)	SCIF2001 (TBC)
6 UOC Science Elective	MATH2601 (T2)	MATH2931 (T3)
6 UOC Free Elective	6 UOC General Education	

Year 3			
MATH3911 (T1)	6 UOC any MATH Level 3 (See Note 1)	6 UOC any MATH Level 3 (See Note 1)	SCIF3010 Graduation Portfolio (0 UOC (T1, T2, T3))
MATH3901 (T1)	MATH3821 (T2)	6 UOC General Education	
6 UOC Free Elective	6 UOC Free Elective		

NOTES

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.

See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

Note 1: Level 3 Mathematics: MATH3831 OR MATH3841 OR MATH3851 OR MATH3871 OR Level 3 (see Handbook)

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Bachelor of Advanced Science (Honours) (3962)

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