Science

Bachelor of Advanced Science (3962) - Handbook

Science Electives are courses taken from within the Faculty of Science or as defined here

Free Electives are courses from any Faculty at UNSW including Science, but cannot be GEN-branded courses

General Education must taken from courses that are not considered Science Electives

Science students cannot take GENS courses under any circumstance

Level 1 Rule: Students in Single Degree Mode cannot complete more than 72 UOC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

Level 3 Rule: Students must complete a minimum of 30 UOC of level 3 courses. You may be required to use your Science or Free

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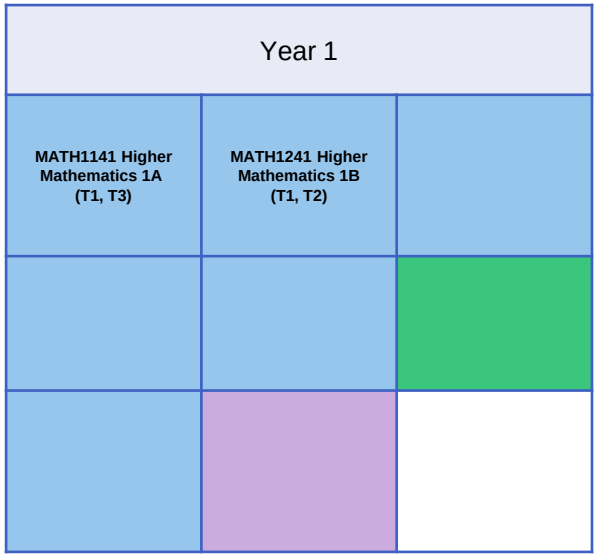
Bachelor of Advanced Science (3962)



Science

Bachelor of Advanced Science (3962)

2022 Commencing Students Double Degree Major in Anatomy (ANATA1)

Choose from available proposed courses in each year

Year 1		
BABS1201 Molecules, Cells and Genes (T1, T3)	BIOS1101 Evolutionary and Functional Biology (T2)	Other Degree Course
6 UOC Mathematics Level 1 (See notes 1)	Other Degree Course	Other Degree Course
CHEM1011 Chemistry 1A (T1, T2, T3) OR CHEM1031Higher Chemistry 1A (T1)	Other Degree Course	

Year 2		
ANAT2111 Introductory Anatomy (T1, T2)	ANAT2241 Histology: Basic and Systematic (T2)	Other Degree Course
6 UOC Level 2 Prescribed Electives (See notes 2)	Other Degree Course	Other Degree Course
SCIF1131 Introductory Skills for Science (T1, T3)	6 UOC Level 2 Prescribed Electives (See notes 2)	

Year 3		
6 UOC Level 3 Prescribed Electives (See notes 3)	6 UOC Level 3 Prescribed Electives (See notes 3)	6 UOC Level 3 Prescribed Electives (See notes 3)
6 UOC Level 3 Prescribed Electives (See notes 3)	Other Degree Course	Other Degree Course
*6 UOC Science Elective	Other Degree Course	

Year 4		
6 UOC Science Elective	Other Degree Course	Other Degree Course
6 UOC Science Elective	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: Mathematics Level 1: MATH1041 (T1, T2, T3) or MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) or MATH1151 (T1)
Note 2: Level 2 Prescribed Electives : ANAT2341 (T3), ANAT2521 (Summer, T2), PATH2201(T3), PHSL2101 (T1), PHSL2201 (T2)
Note 3: Level

Information is correct as of 30/03/2023 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 (3962)

2022 Commencing Students Single Degree Major in Biology (BIOSJ1)
Choose from available proposed courses in each year

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 2 Prescribed Electives: BIOS2011 (T1), BIOS2500 (T2), BIOS2061 (T2), BIOS2031 (T3), BIOS2051 (T3), BIOS2123 (T3),** **Note 2: Level 3 Prescribed Electives: GEOS3911 (T1),**

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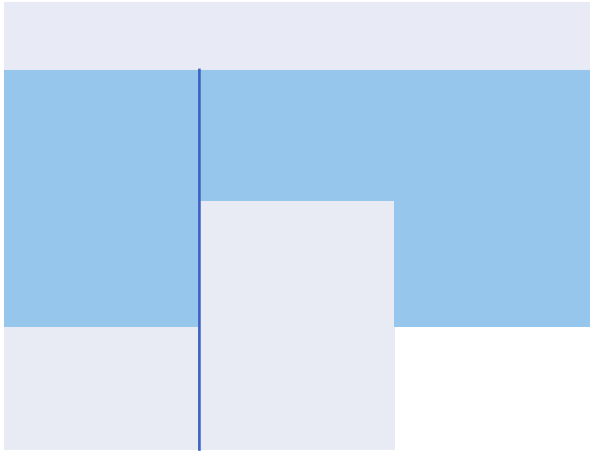
Bachelor of Advanced Science (3962)



Bachelor of Advanced Science (3962)

Year 1		
BABS1201 Molecules, Cells and Genes (T1, T3)	**BABS1202 Applied Biomolecular Sciences (T2)**	**SCIF1131 Introductory Skills for Science (T1, T3)**
CHEM1011 (T1, T2, T3) or CHEM1031 (T1)	**CHEM1021 (T1, T2, T3) or CHEM1041 (T2)**	**6 UOC General Education**
MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3)	**MATH1041 (T1, T2, T3) or MATH1231 (T1, T2, T3) or MATH1241 (T1, T2)**	

Information is correct as of 01/05/2024 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.

Bachelor of Advanced Science (3962)

Year 1		
BABS1201 Molecules, Cells and Genes (T1, T3)	**BABS1202 Applied Biomolecular Sciences (T2)**	**SCIF1131 Introductory Skills for Science (T1, T3)**
CHEM1011 (T1, T2, T3) or CHEM1031 (T1)	**CHEM1021 (T1, T2, T3) or CHEM1041 (T2)**	**Other Course Degree**
MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3)	**MATH1041 (T1, T2, T3) or MATH1231 (T1, T2, T3) or MATH1241 (T1, T2)**	**Other Course Degree**

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Bachelor of Advanced Science (3962)

Science

Bachelor of Advanced Science (3962)

2022 Commencing Students Double Degree Major in Chemistry (CHEMB1)

Choose from available proposed courses in each year

Year 1		
CHEM1031 Higher Chemistry 1A: Atoms, Molecules and Energy (T1)	CHEM1041 Higher Chemistry 1B: Elements, Compounds and Life (T2)	SCIF1131 Introductory Skills for Science (T1, T3)
MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3)	MATH1041 (T1, T2, T3) or MATH1231 (T1, T2, T3) or MATH1241 (T1, T2)	Other Degree Course
PHYS1111 (T1, T3) or PHYS1121 (T1, T2, T3) or PHYS1131 (T1, T2, T3)	Other Degree Course	Other Degree Course

Year 2		
CHEM2041 Analytical Chemistry: Essential Methods (T1,T3)	CHEM2011 Physical Chemistry: Molecules, Energy and Change (T2)	CHEM2031 Inorganic Chemistry: The Elements (T3)
6 UOC Science Elective	CHEM2021 Organic Chemistry: Mechanisms and Biomolecules (T2)	Other Degree Course
Other Degree Course	Other Degree Course	Other Degree Course

Year 3		
6 UOC Level 3 Prescribed Elective	6 UOC Level 3 Prescribed Elective	6 UOC Level 3 Prescribed Elective
6 UOC Level 3 Prescribed Elective	*6 UOC Science Elective	Other Degree Course
Other Degree Course	Other Degree Course	

Year 4		
6 UOC Science Elective	6 UOC Science Elective	Other Degree Course
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)

Level 1 Rule: Students in Single Degree Mode cannot complete more than 72 UOC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.
***Level 3 Rule: Students must complete a minimum of 30 UOC of level 3 courses. You may be required to use your Science or Free Electives to achieve this.**

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Bachelor of Advanced Science (3962)

Information is correct as of 30/03/2023 and is based on proposed prerequisites and course availability.

Bachelor of Advanced Science (3962)

Year 1		
MATH1131 (T1, T2, T3) OR MATH1141 (T1, T3)	GEOS1701 Environmental Systems, Processes and Issues (T2)	SCIF1131 Introductory Skills for Science (T1, T3)
PHYS1121 (T1, T2, T3) OR PHYS1131 (T1, T2, T3)	MATH1231 (T1, T2, T3) OR MATH1241 (T1, T2)	Other Degree Course
Other Degree Course	Other Degree Course	

Year 2		
CLIM2001 Fundamentals of Atmospheric Science (T1)	MATH2221 Higher Theory of Differential Equations (T2)	Other Degree Course
MATH2111 Higher Several Variable Calculus (T1)	MATH2601 Higher Linear Algebra (T2)	Other Degree Course
Other Degree Course	Other Degree Course	

Year 3		
MATH2241 Introduction to Atmosphere and Ocean Dynamics (T1)	MSCI3001 Physical Oceanography (T2)	MATH3261 Fluids, Oceans & Climate (T3)
Other Degree Course	CLIM3001	

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Science

Bachelor of Advanced Science (3962)

2022 Commencing Students Single Degree Major in Climate Systems Science (CLIMB1)
Choose from available proposed courses in each year

Year 1		
MATH1131 (T1, T2, T3) OR MATH1141 (T1, T3)	GEOS1701 Environmental Systems, Processes and Issues (T2)	SCIF1131 Introductory Skills for Science (T1, T3)
PHYS1121 (T1, T2, T3) OR PHYS1131 (T1, T2, T3)	MATH1231 (T1, T2, T3) OR MATH1241 (T1, T2)	6 UOC Free Elective
CHEM1011 (T1, T2, T3) OR CHEM1031 (T1)	6 UOC Free Elective	

Year 2		
CLIM2001 Fundamentals of Atmospheric Science (T1)	CVEN2701 Water and Atmospheric Chemistry (T2)	6 UOC Level 2 Prescribed Elective (See Note 1)
MATH2241 Introduction to Atmosphere and		

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 2 Prescribed Elective: MATH2301 (T1), GEOS2291 (T1), GEOS2711 (T2), GEOS2821 (T2), MATH2901 (T2), GEOS2241 (T3)
Note 2: Level 3 Prescribed Elective: CVEN3501 (T1), GEOS3821 (T1), GEOS3761 (T2), GEOS3921 (T3)

Level 1 Rule: Students in Single Degree Mode cannot complete more than 72 UOC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.
Level 3 Rule: Students must complete a minimum of 30 UOC of level 3 courses. You may be required to use your Science or Free Electives to achieve this.

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Bachelor of Advanced Science (3962)

Year 1		
GEOS1211 Earth and Environmental Science (T1)	**6 UOC Science Elective**	**GEOS1111 Investigating Earth and Its Evolution (T3)**
MATH1041 Statistics for Life and Social Sciences (T1, T2, T3)	**6 UOC Science Elective**	**BEES1041 Exploring the Natural World (T3)**
6 UOC Free Elective	**6 UOC Free Elective**	

Year 2		
BEES2041 Data Analysis for Life and Earth Sciences (T1)	**GEOS2181 Earth Materials (T2)**	**GEOS2131 Field Methods and Mapping (T3)**
6 UOC Level 2 Prescribed Elective		

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Bachelor of Advanced Science (3962)

Year 1		
GEOS1211 Earth and Environmental Science (T1)	Other Degree Course	GEOS1111 Investigating Earth and Its Evolution (T3)
MATH1041 Statistics for Life and Social Sciences (T1, T2, T3)	Other Degree Course	BEES1041 Exploring the Natural World (T3)
Other Degree Course	Other Degree Course	

Year 2		
BEES2041 Data Analysis for Life and Earth Sciences (T1)	GEOS2181 Earth Materials (T2)	GEOS2131 Field Methods and Mapping (T3)
6 UOC Science Elective	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	

Year 3		
6 UOC Level 2 Prescribed Elective (See Not Tf1 0 21 000116ot Tf61.34 300.42 Tm0 g0 G[GE)-4(OS)-4(1)-3(2)-3(1)-3(1)]TET		

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Bachelor of Advanced Science (3962)

Science

Bachelor of Advanced Science (3962)

2022 Commencing Students Double Degree Major in Ecology (BIOSG1)

Choose from available proposed courses in each year

Year 1		
BIOS1301 Ecology, Sustainability & Environmental Science (T1)	GEOS1701 Environmental Systems, Processes & Issues (T2)	BEES1041 Exploring the Natural World (T3)
Other Degree Course	BIOS1101 Evolutionary & Functional Biology (T2)	Other Degree Course
Other Degree Course	Other Degree Course	

Year 2		
BIOS2011 Evolutionary and Physiological Ecology (T1)	GEOS2711 Australian Climate and Vegetation (T2)	6 UOC Level 2 Prescribed Elective (See Notes 1)
MATH1041 Stats for Life & Social Sciences (T1, T2, T3)	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	

Year 3		
BEES2041 Data Analysis for Life and Earth Sciences (T1)	6 UOC Level 3 Prescribed Elective (See Notes 2)	BIOS6671 Biodiversity and Conservation of Natural Resources (T3)
6 UOC Science Elective	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	

Year 4		
BIOS3601 Advanced Field Biology (T1)	*6 UOC Science Elective	BIOS3061 Plant Ecology (T3)
6 UOC Science Elective	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	

NOTES	
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Bachelor of Advanced Science (3962)

Year 1		
BABS1201 Molecules, Cells and Genes (T1, T3)	BABS1202 Applied Biomolecular Sciences (T2)	SCIF1131 Introductory Skills for Science (T1, T3)
CHEM1011 (T1, T2, T3) OR CHEM1031 (T1)	CHEM1021 (T1, T2, T3) OR CHEM1041 (T2)	6 UOC Free Elective
MATH1131 (T1, T2, T3) OR MATH1141 (T1, T3) OR MATH1031 (T1, T3)	MATH1231 (T1, T2, T3) OR MATH1241 (T1, T2) OR MATH1041 (T1, T2, T3)	

Year 2		
MICR2011 Microbiology 1 (T1)	BABS2202 Molecular Cell Biology 1 (T2)	BIOC2201 Principles of Molecular Biology

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Bachelor of Advanced Science

Bachelor of Advanced Science (3962)

Year 1		
SCIF1131 Introductory Skills for Science (T1, T3)	**GEOS1701 Environmental Systems, Processes and Issues (T2)**	**Other Faculty Course**
BIOS1301 Ecology, Sustainability and Environmental Science (T1)	**MATH1041 Statistics for Life and Social Sciences (T1, T2, T3)**	**Other Faculty Course**
Other Faculty Course	**Other Faculty Course**	

Information is correct as of 30/03/2023

Bachelor of Advanced Science (3962)

Bachelor of Advanced Science (3962)

Year 1		
MATS1192 Design and Application of Materials in Science and Engineering (T1, T3)	MATH1231 (T1, T2, T3) or MATH1241 (T1, T2)	SCIF1131 Introductory Skills for Science (T1, T3)
CHEM1011 (T1, T2, T3) or CHEM1031 (T1)	PHYS1121 (T1, T2, T3) or PHYS1131 (T1, T2, T3)	6 UOC Free Elective
MATH1131 (T1, T2, T3) or MATH1141 (T1, T3)	6 UOC General Education	

Year 2		
MATS2001 Physicla Properties of Materials (T1)	MATS2004 Mechanical Behaviour of Materials (T2)	MATS2006 Diffusion and Kinetics (T3)
MATS2003 Materials Characterisation (T1)	MATS2008 Thermodynamics and Phase Equilibria (T2)	6 UOC Science Elective
6 UOC Free Elective	6 UOC Free Elective	

Year 3		
MATS3001 Micromechanisms of Mechanical Behaviour of Metals (T1)	MATS3004 Polymer Science and Engineering 1 (T2)	*6 UOC Science Elective
MATS3002 Fundamentals of Ceramic Processing (T1)	6 UOC General Education	

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Science

Bachelor of Advanced Science (3962)

2022 Commencing Students Double Degree Major in Materials Sciences (MATSB1)

Choose from available proposed courses in each year

Year 1		
MATS1192 Design and Application of Materials in Science and Engineering (T1, T3)	MATH1231 (T1, T2, T3) or MATH1241 (T1, T2)	SCIF1131 Introductory Skills for Science (T1, T3)
CHEM1011 (T1, T2, T3) or CHEM1031 (T1)	PHYS1121 (T1, T2, T3) or PHYS1131 (T1, T2, T3)	Other Degree Course
MATH1131 (T1, T2, T3) or MATH1141 (T1, T3)	Other Degree Course	

Year 2		
MATS2001 Physicla Properties of Materials (T1)	MATS2004 Mechanical Behaviour of Materials (T2)	MATS2006 Diffusion and Kinetics (T3)
MATS2003 Materials Characterisation (T1)	MATS2008 Thermodynamics and Phase Equilibria (T2)	Other Degree Course
Other Degree Course	Other Degree Course	Other Degree Course

Year 3		
MATS3001 Micromechanisms of Mechanical Behaviour of Metals (T1)	MATS3004 Polymer Science and Engineering 1 (T2)	Other Degree Course
MATS3002 Fundamentals of Ceramic Processing (T1)	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	

Year 4		
*6 UoC Science Elective	*6 UoC Science Elective	Other Degree Course
6 UoC Science Elective	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	

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Bachelor of Advanced Science

Bachelor of Advanced Science (3962)

Year 1		
SCIF1131 Introductory Skills for Science (T1, T3)	**MSCI1001 Introductory Marine Science (T2)**	**BEES1041 Exploring the Natural World**

Science

Bachelor of Advanced Science (3962)

2022 Commencing Students Double Degree Major in Marine and Coastal Services (MSCIM1)

Choose from available proposed courses in each year

Year 1		
BABS1201 Molecules, Cells and Genes (T1, T3)	MSCI1001 Introductory Marine Science (T2)	BEES1041 Exploring the Natural World (T3)
SCIF1131 Introductory Skills for Science (T1, T3)	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	

Year 2		
MATH1041 Stats for Life & Social Sciences (T1, T2, T3)	BIOS1101 Evolutionary and Functional Biology (T2)	BIOS2091 Marine and Aquatic Ecology (T3)
BIOS1301 (T1) OR GEOS1701 (T2)	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	

Year 3		
BEES2041 Data Analysis for Life and Earth Sciences (T1)	GEOS2821 Introduction to GIS and Remote Sensing (T2)	BIOS2031 Biology of Invertebrates (T3)
*6 UOC Science Elective	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	

Year 4		
BIOS3081 Ocean to Estuarine Ecosystems (T1)	MSCI3001 Physical Oceanography (T2)	Level 3 Prescribed Elective (See Note 1)
*6 UOC Science Elective	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 3 Prescribed Electives: GEOS3911 (T1), GEOS3731 (T3), GEOS3921 (T3)

Level 1 Rule: Students in Single Degree Mode cannot complete more than 72 UOC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.
*Level 3 Rule: Students must complete a minimum of 30 UOC of level 3 courses. You may be required to use your Science or Free Electives to achieve this.

Students in the Bachelor of Engineering or the Bachelor of Science/Advanced Science with a Physics and/or Maths Major must complete certain MATH requirements.

Information is correct as of 04/04/2024 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

Bachelor of Advanced Science (3962)

Year 1		
BABS1201 Molecules, Cells **(T1, T3)**	**BABS1202 Applied Biomolecular** **(T2)**	

Science

Bachelor of Advanced Science (3962)

2022 Commencing Students Double Degree Major in Molecular and Cell Biology (BIOCL1)

Year 1		
BABS1201 Molecules, Cells and Genes (T1, T3)	BABS1202 Applied Biomolecular Sciences (T2)	SCIF1131 Introductory Skills for Science (T1, T3)
MATH1131 (T1, T2, T3) OR MATH1141 (T1, T3) OR MATH1031 (T1, T3)	Other Degree Course	Other Degree Course
CHEM1011 (T1, T2, T3) OR CHEM1031 (T1)	Other Degree Course	

Year 2		
CHEM1021 (T1, T2, T3) OR CHEM1041 (T2)	BABS2202 Molecular Cell Biology 1 (T2)	MICR2011 (T1) OR BABS2264 (T3)
MATH1231 (T1, T2, T3) OR MATH1241 (T1, T2) OR MATH1041 (T1, T2, T3)	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	

Year 3		
*6 UOC Science Elective	BIOC2101 Principles of Biochemistry (Advanced) (T2)	BIOC2201 Principles of Molecular Biology (Advanced) (T3)
Other Degree Course	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	

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Bachelor of Advanced Science (3962)

Year 1		
BABS1201 Molecules, Cells and Genes (T1, T3)	**MATH1041 Stats for Life & Social Sciences (T1, T2, T3)**	**SCIF1131 Introductory Skills for Science (T1,T3)**
PSYC1001		

Science

Bachelor of Advanced Science (3962)

2022 Commencing Students Single Degree Major in Pathology (PATHB1)

Choose from available proposed courses in each year

Year 1		
SCIF1131 Introductory Skills for Science (T1,T3)	BIOS1101 Evolutionary and Functional Biology (T2)	6 UOC Free Elective
BABS1201 Molecules, Cells and Genes (T1, T3)	CHEM1021 Chemistry 1B (T1, T2, T3) or Higher Chemistry 1B (T2)	6 UOC Free Elective
CHEM1011 Chemistry 1A (T1, T2, T3) or CHEM1031 Higher Chemistry 1A: (T1)	6 UOC Science Elective	

Year 2		
6 UOC Science Elective	ANAT2241 Histology: Basic and Systematic (T2)	PATH2201 Processes in Disease (T3)
6 UOC Science Elective	BIOC2101 Principles of Biochemistry Adv) (T2)	6 UOC Science Elective
6 UOC Free Elective	6 UOC Level 2 Prescribed Elective (See Note 1)	

Year 3		
PATH3205 Molecular Basis of Disease (T1)	PATH3206 Cancer Pathology (T2)	6 UOC Level 3 Prescribed Elective (See Note 2)
*6 UOC Science Elective	*6 UOC Science Elective	6 UOC General Education
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: ANAT2111 (T1,T2), BABS2202 (T2), MICR2011 (T1)
Note 2: BABS3041 (T1), PATH3207 (T3), PATH3209 (T3), PATH3210 (T1), SOMS3232 (T2)

Level 1 Rule: Students in Single Degree Mode cannot complete more than 72 UOC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.
***Level 3 Rule: Students must complete a minimum of 30 UOC of level 3 courses. You may be required to use your Science or Free Electives to achieve this.**

Information is correct as of 30/03/2023 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

Bachelor of Advanced Science (3962)

Year 1		
SCIF1131 Introductory Skills for Science (T1,T3)	**BIOS1101 Evolutionary and Functional Biology (T2)**	**Other Degree Course**
BABS1201 Molecules, Cells and Genes (T1, T3Biology		

Bachelor of Advanced Science (3962)

Year 1		
SCIF1131 Introductory Skills for Science (T1, T3)	MATH1031 (T1,T3), or MATH1041 (T1, T2, T3) or MATH1131 (T1,T2,T3), MATH1141 (T1, T3), MATH1151 (T1)	6 UOC Science Elective
BABS1201 Molecules, Cells and Genes (T1, T3)	CHEM1021 Chemistry 1B (T1, T2, T3) or Higher Chemistry 1B (T2)	6 UOC Science Elective
CHEM1011 Chemistry 1A (T1, T2, T3) or CHEM1031 Higher Chemistry 1A: (T1)	6 UOC Science Elective	

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Science

Bachelor of Advanced Science (3962)

2022 Commencing Students Double Degree Major in Pharmacology (PHARB1)

Choose from available proposed courses in each year

Year 4		
*6 UOC Science Elective	Other Degree Course	Other Degree Course
6 UOC Science Elective	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: BABS2202 (T2), BIOC2101 (T2), BIOC2201 (T3), CHEM2021 (T2), CHEM2041 (T1, T3), PHSL2201 (T2)
Note 2: PHAR3101 (T3), PHAR3102 (T1), PHAR3202 (T2), PHAR3251 (T1)

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***Level 3 Rule: Students must complete a minimum of 30 UOC of level 3 courses. You may be required to use your Science or Free Electives to achieve this.**

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Bachelor of Advanced Science (3962)

Year 1		
BABS1201 Molecules, Cells and Genes (T1, T3)	**6 UOC Level 1 Prescribed Elective**	**SCIF1131 Introductory Skills for Science (T1, T3)**
CHEM1011 (T1, T2, T3) or CHEM1031 (T1)	**6 UOC Science Elective**	**6 UOC Science Elective**
MATH1031 (T1, T3) or MATH1041 (T1, T2, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) or MATH1151 (T1)	**6 UOC General Education**	

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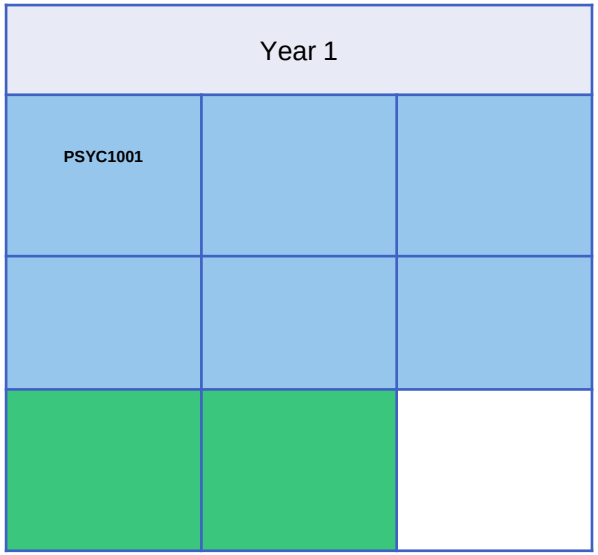
Bachelor of Advanced Science (3962)



Science

Bachelor of Advanced Science (3962)

2022 Commencing Students Double Degree Major in Psychology (PSYCA1)

Choose from available proposed courses in each year

Year 1		
PSYC1001 Psychology 1A (T1, T2)	PSYC1011 Psychology 1B (T2, T3)	PSYC1111 (T3)
6 UOC Science Elective	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	

Year 2		
PSYC2001 Research Methods 2 (T1)	PSYC2081 Learning and Physiological Psychology (T2)	PSYC2101 Assessment, Personality and Psychopathology (T3)
Other Degree Course	Other Degree Course	PSYC2071 Perception and Cognition (T3)
Other Degree Course	Other Degree Course	

Year 3		
PSYC3001 Research Methods 3 (T1)	6 UOC Level 3 Prescribed Elective (See Note 1)	PSYC3011 Research and Applications of Psychology (T3)
PSYC2061 Social and Developmental Psychology (T1)	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	

Year 4		
6 UOC Level 3 Prescribed Elective (See Note 1)	6 UOC Level 3 Prescribed Elective (See Note 1)	6 UOC Science Elective
6 UOC Science Elective	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 - Students must take 18 UOC of the following courses with at least 6 UOC from List A and 6 UOC from List B.

List A: PSYC3211 (T1), PSYC3221 (T1), PSYC3241 (T1), PSYC3051 (T2), PSYC3311 (T2), PSYC3371 (T3)
List B: PSYC3341 (T2), PSYC3361 (T2), PSYC3301 (T2), PSYC3121 (T3), PSYC3202 (T3), PSYC3331 (T3)

Level 1 Rule: Students in Single Degree Mode cannot complete more than 72 UOC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.
Level 3 Rule: Students must complete a minimum of 30 UOC of level 3 courses. You may be required to use your Science or Free Electives to achieve this.

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Bachelor of Advanced Science (3962)

Year 1		
SCIF1131 Introductory Skills for Science (T1, T3)	MATH1241 Higher Maths 1B (T1, T2)	6 UOC Science Elective
MATH1141 Higher Maths 1A (T1,T3)	6 UOC Science Elective	6 UOC Free Elective
6 UOC Science Elective	6 UOC Free Elective	

Year 2		
MATH2111 Higher Several Variable Calculus (T1)	MATH2601 Higher Linear Algebra (T2)	MATH2931 Higher Linear Models (T3)
6 UOC Science Elective	MATH2901 Higher Theory of Statistics (T2)	6 UOC Free Elective
6 UOC Science Elective	6 UOC Free Elective	

Year 3		
MATH3901 Higher Probability and Stochastic Processes (T1)	MATH3821	

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Bachelor of Advanced Science (3962)

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Bachelor of Advanced Science (3962)

Year 1		
VISN1101 Seeing the World: Perspectives from Vision Science (T1)	VISN1111 Geometrical and Physical Optics (T2)	VISN1221 Visual Optics (T3)
BABS1201 Molecules, Cells and Genes (T1, T3)	6 UOC Science Elective	MATH1031 Maths for Life Science (T1,T3) or MATH1131 Maths 1A (T1,T2,T3) or MATH1141 Higher Maths 1A (T1,T3)
CHEM1011 Chemistry 1A (T1,T2,T3) or CHEM1031 Higher Chemistry 1A (T1)	6 UOC Science Elective	

Year 2		
AN1W* nBT43 1Tmis3( )8(V)-23( )]TETQq0.000011623 0 780 540 reW* nBT/F2 6 Tf1 0 0 1 119.2 2729684 r2740 g0 G[(C)4(R)4(Introdmisu3( )2t T41(5ETQq0.000011623 0 780 5		

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Science

Bachelor of Advanced Science (3962)

2022 Commencing Students Double Degree Major in Vision Science (VISNA1)

Choose from available proposed courses in each year

Year 4		
***6 UOC Science Elective**	**Other Degree Course**	**Other Degree Course**
***6 UOC Science Elective**	**Other Degree Course**	**Other Degree Course**
Other Degree		

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