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

**Science Core Courses** are courses required as part of the program. They include an introductory course, a graduation portfolio and work integrated learning/research.

**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 L(i)-5nde-5

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Science

# Bachelor of Advanced Science (Honours) (3962)

T3C 2024 Commencing Students  Single Degree  Major in Anatomy (ANATF1)

Choose from available proposed courses in each year

| 2025 | | |
|---|---|---|
| **Term 1** | **Term 2** | **Term 3** |
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| NOTES | |
|---|---|
| | **This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.**<br><br>**See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.**<br><br>**Note 1: Level 2 Prescribed Elective: ANAT2341, ANAT2521, PATH2201, PHSL2101, PHSL2201**<br>**Note 2: Level 3 Prescribed Elective: ANAT3121, ANAT3131, ANAT3141, ANAT3411, SOMS3232, SCIF3041 OR SOMS3001**<br>**Note 3: Level 2/3 Research Elective: SCIF2041, SCIF3041, SOMS2002, SOMS3001** |

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# Bachelor of Advanced Science (Honours) (3962)

T3C 2024 Commencing Students  Single Degree  Major in Biology and Biodiversity (BIOSP1)

Choose from available proposed courses in each year

| NOTES | |
|---|---|
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# Bachelor of Advanced Science (Honours) (3962)

T3C 2024 Commencing Students  Single Degree  Major in Bioinformatics (BINFD1)
Choose from available proposed courses in each year

| NOTES | |
|---|---|
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# Bachelor of Advanced Science (Honours) (3962)

T3C 2024 Commencing Students  Single Degree  Major in Chemistry (CHEMB1)

Choose from available proposed courses in each year

| 2025 | | |
|---|---|---|
| Term 1 | Term 2 | Term 3 |
| CHEM1031 (T1) | CHEM1041 (T2) | SCIF1001 (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) | 6 UOC Free Elective |
| PHYS1111 (T1, T3) OR PHYS1121 (T1, T2, T3) OR PHYS1131 (T1, T2, T3) | 6 UOC Free Elective | |

| 2026 | | |
|---|---|---|
| Term 1 | Term 2 | Term 3 |
| CHEM2041 (T1, T3) | CHEM2011 (T2) | SCIF2001 (TBC) |
| 6 UOC Free Elective | CHEM2021 (T2) | CHEM2031 (T3) |
| 6 UOC Free Elective | 6 UOC General Education | |

| 2027 | | | |
|---|---|---|---|
| Term 1 | Term 2 | | |
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**Note 1: Prescribed Level 3 Elective: CHEM3011 OR CHEM3021 OR CHEM3031 OR CHEM3061 OR CHEM3071 OR CHEM3041**
**Note 2: CHEM3199 OR CHEM3998**

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# Bachelor of Advanced Science (Honours) (3962)

T3C 2024 Commencing Students  Single Degree  Major in Earth Science (GEOLN1)

Choose from available proposed courses in each year

| 2025 | | | 2026 | | |
|---|---|---|---|---|---|
| Term 1 | Term 2 | Term 3 | Term 1 | Term 2 | Term 3 |
| GEOS1211 (T1) | GEOS1701 (T2) | SCIF1001 (T3) | BEES2041 (T1) | GEOS2181 (T2) | SCIF2001 (TBC) |
| MATH1041 (T1, T2, T3) | 6 UOC Free Elective | BEES1041 (T3) | GEOS2291 (T1) | 6 UOC Level 2 Prescribed Elective (See Note 1) | GEOS3141 (T3) |
| 6 UOC Free Elective | | GEOS1111 (T3) | 6 UOC Free Elective | | 6 UOC Free Elective |

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**Note 1: Level 2 Prescribed Elective: BEES2741, GEOS2721, GEOS2821, MERE2001, MERE2002**
**Note 2: Level 3 Prescribed Elective: BEES3199, BEES6741, GEOS3761**

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# Bachelor of Advanced Science (Honours) (3962)

T3C 2024 Commencing Students  Single Degree  Major in Ecology and Conservation (BIOSN1)

Choose from available proposed courses in each year

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Science

# Bachelor of Advanced Science (Honours) (3962)

T3C 2024 Commencing Students  Single Degree  Major in Marine and Coastal Science (MSCIK1)

Choose from available proposed courses in each year

| NOTES | |
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# Bachelor of Advanced Science (Honours) (3962)

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# Bachelor of Advanced Science (Honours) (3962)

T3C 2024 Commencing Students  Single Degree  Major in Molecular and Cell Biology (BIOCL1)

Choose from available proposed courses in each year

| NOTES | |
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# Bachelor of Advanced Science (Honours) (3962)

T3C 2024 Commencing Students  Single Degree  Major in Neuroscience (NEURA1)

Choose from available proposed courses in each year

| 2024 | | | |
|---|---|---|---|
| Term 3 | Term 3C | Summer | |
| | 6 UOC General Education | 6 UOC Free Elective | SCIF0000 Introduction to University (0 UOC) (T1, T2, T3) |
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| 2025 | | |
|---|---|---|
| Term 1 | Term 2 | Term 3 |
| BABS1201 (T1, T3) | PSYC1011 (T2, T3) | SCIF1001 (T3) |
| PSYC1001 (T1, T3) | 6 UOC Free Elective | MATH1041 (T1, T2, T3) OR PHYS1111 (T3) |
| CHEM1011 (T1, T2, T3) OR CHEM1031 (T1) | 6 UOC Free Elective | |

| 2026 | | |
|---|---|---|
| Term 1 | Term 2 | Term 3 |
| 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 |
| 6 UOC Free Elective | 6 UOC Free Elective | |

| 2027 | | | |
|---|---|---|---|
| Term 1 | Term 2 | Term 3 | |
| 6 UOC Neuroscience Level 2 or 3 Elective | 6 UOC Neuroscience Level 2 or 3 Elective | | SCIF3010 Graduation Portfolio (0 UOC) (T1, T2, T3) |
| 6 UOC Free Elective | SCIF2041 OR SCIF3041 OR SOMS2002 OR SOMS3001 | | |
| 6 UOC General Education | 6 UOC Neuroscience Level 2 or 3 Elective | | |

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# Bachelor of Advanced Science (Honours) (3962)

T3C 2024 Commencing Students  Single Degree  Major in Pharmacology (PHARB1)

Choose from available proposed courses in each year

| 2025 | | | | | |
|---|---|---|---|---|---|
| Term 1 | Term 2 | Term 3 | | | |
| BABS1201 (T1, T3) | CHEM1021 (T1, T2, T3) or CHEM1041 (T2) | SCIF1001 (T3) | | | |
| CHEM1011 (T1, T2, T3) OR CHEM1031 (T1) | 6 UOC Free Elective | 6 UOC Free Elective | | | |
| MATH1031 OR MATH1041 OR MATH1131 OR MATH1141 OR MATH1151 | 6 UOC Free Elective | | | | |

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**Note 1: Prescribed Level 2 Elective: BABS2202, BIOC2201, CHEM2021, CHEM2031, CHEM2041, PHSL2201**
**Note 2: Prescribed Level 3 Elective: BIOC3111, BIOC3271, CHEM3021, CHEM3071, CHEM3041, NEUR3121, NEUR3221, PHAR3101, PHAR3102, PHAR3202, PHAR3251, PHSL3211, PHSL3221**

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# Bachelor of Advanced Science (Honours) (3962)

T3C 2024 Commencing Students  Single Degree  Major in Physics (PHYSC1)

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Science

# Bachelor of Advanced Science (Honours) (3962)

T3C 2024 Commencing Students  Single Degree  Major in Physiology (PHSLB1)

Choose from available proposed courses in each year

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# Bachelor of Advanced Science (Honours) (3962)

T3C 2024 Commencing Students  Single Degree  Major in Psychology (PSYCA1)

Choose from available proposed courses in each year

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