

Bachelor of Advanced Science (Honours) 3962 – CHEMB1 Chemistry – T1 2026 START

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Program: Advanced Science (Honours) [3962]

Year 1 Term 1

| Course or Activity | Prerequisites | Credits |
|---|---------------|---------|
| CHEM1031 Higher Chemistry 1A: Atoms, Molecules and Energy | | 6 |
| SCIF0000 Introduction to University | | 0 |
| <i>PHYS1111 or PHYS1121 or PHYS1131</i> | | 6 |
| <i>MATH1031 or MATH1131 or MATH1141</i> | | 6 |

Year 1 Term 2

| Course or Activity | Prerequisites | Credits |
|--|---------------|---------|
| CHEM1041 Higher Chemistry 1B: Elements, Compounds and Life | CHEM1031 | 6 |
| <i>MATH1041 or MATH1231 or MATH1241</i> | | 6 |
| <i>Free Electives</i> | | 6 |

Year 1 Term 3

| Course or Activity | Prerequisites | Credits |
|----------------------------|---------------|---------|
| SCIF1001 Advancing Science | | 6 |
| <i>Free Electives</i> | | 6 |

Year 2 Term 1

| Course or Activity | Prerequisites | Credits |
|--|--------------------|---------|
| CHEM2041 Analytical Chemistry: Essential Methods | CHEM1041, CHEM1031 | 6 |
| <i>Free Electives</i> | | 6 |
| <i>Free Electives</i> | | 6 |

Year 2 Term 2

| Course or Activity | Prerequisites | Credits |
|---|---------------|---------|
| CHEM2011 Physical Chemistry: Molecules, Energy and Change | CHEM2041 | 6 |
| CHEM2021 Organic Chemistry: Mechanisms and Biomolecules | CHEM2041 | 6 |
| <i>General Education</i> | | 6 |

Year 2 Term 3

| Course or Activity | Prerequisites | Credits |
|--------------------|---------------|---------|
|--------------------|---------------|---------|

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|--|----------|---|
| CHEM2031 Inorganic Chemistry: The Elements | CHEM2041 | 6 |
| SCIF2001 Level 2 Research Skills | SCIF1001 | 6 |

Year 3 Term 1

| Course or Activity | Prerequisites | Credits |
|-------------------------------------|---------------|---------|
| <i>Free Electives</i> | | 6 |
| <i>Level 3 Prescribed Electives</i> | | 6 |
| <i>Level 3 Prescribed Electives</i> | | 6 |

Year 3 Term 2

| Course or Activity | Prerequisites | Credits |
|-------------------------------------|---------------|---------|
| <i>General Education</i> | | 6 |
| <i>Level 3 Prescribed Electives</i> | | 6 |
| <i>Free Electives</i> | | 6 |

Year 3 Term 3

| Course or Activity | Prerequisites | Credits |
|-------------------------------------|---------------|---------|
| SCIF3010 Graduation Portfolio | SCIF1001 | 0 |
| <i>CHEM3199 or CHEM3998</i> | | 6 |
| <i>Level 3 Prescribed Electives</i> | | 6 |

*Lock: Students are required to take these courses within the specified semester