



Bachelor of Advanced Science (Honours) 3962 – PHYSC1 Physics – T2 2026 START

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Program: Advanced Science (Honours) [3962]

Year 1 Term 2

Course or Activity	Prerequisites	Credits
MATH1141 Higher Mathematics 1A		6
SCIF0000 Introduction to University		0
<i>PHYS1131 or PHYS1141</i>		6
<i>Free Electives</i>		6

Year 1 Term 3

Course or Activity	Prerequisites	Credits
<i>MATH1241</i>		6
<i>PHYS1231 or PHYS1241</i>		6
<i>Free Electives</i>		6

Year 2 Term 1

Course or Activity	Prerequisites	Credits
MATH2089 Numerical Methods and Statistics		6
PHYS2111 Quantum Physics		6

Year 2 Term 2

Course or Activity	Prerequisites	Credits
PHYS2113 Classical Mechanics and Special Relativity		6
PHYS2114 Electromagnetism	MATH2069	6

Year 2 Term 3

Course or Activity	Prerequisites	Credits
MATH2069 Mathematics 2A		6
SCIF1001 Advancing Science		6

Year 3 Term 1

Course or Activity	Prerequisites	Credits
PHYS3113 Thermal Physics and Statistical Mechanics	PHYS2111	6
<i>Free Electives</i>		6

Year 3 Term 2

Course or Activity	Prerequisites	Credits
PHYS3111 Quantum Mechanics	PHYS2111, MATH2069	6
<i>Free Electives</i>		6

Year 3 Term 3

Course or Activity	Prerequisites	Credits
SCIF2001 Level 2 Research Skills	SCIF1001	6
<i>Electives</i>		6

Year 4 Term 1

Course or Activity	Prerequisites	Credits
<i>Electives</i>		6
<i>General Education</i>		6
<i>Free Electives</i>		6

Year 4 Term 2

Course or Activity	Prerequisites	Credits
PHYS3114 Electrodynamics	PHYS2113, PHYS2114	6
SCIF3010 Graduation Portfolio	SCIF1001	0
<i>General Education</i>		6
<i>Free Electives</i>		6

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