

Bachelor of Science 3970 – PHYSL1 Physics – T1 2026 START

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Program: Science [3970]

Year 1 Term 1

Course or Activity	Prerequisites	Credits
SCIF0000 Introduction to University		0
<i>MATH1131 or MATH1141</i>		6
<i>PHYS1121 or PHYS1131 or PHYS1141</i>		6
<i>Free Electives</i>		6

Year 1 Term 2

Course or Activity	Prerequisites	Credits
<i>PHYS1221 or PHYS1231 or PHYS1241</i>		6
<i>MATH1231 or MATH1241</i>		6
<i>Free Electives</i>		6

Year 1 Term 3

Course or Activity	Prerequisites	Credits
MATH2069 Mathematics 2A		6
SCIF1000 Skills in Science		6

Year 2 Term 1

Course or Activity	Prerequisites	Credits
MATH2089 Numerical Methods and Statistics		6
PHYS2111 Quantum Physics		6
<i>Free Electives</i>		6

Year 2 Term 2

Course or Activity	Prerequisites	Credits
PHYS2114 Electromagnetism	MATH2069	6
<i>Free Electives</i>		6
<i>Electives</i>		6

Year 2 Term 3

Course or Activity	Prerequisites	Credits
<i>Employability Experiences</i>		6

<i>General Education</i>		6
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Year 3 Term 1

Course or Activity	Prerequisites	Credits
PHYS3112 Experimental and Computational Physics	PHYS2111, MATH2089, PHYS2114	6
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>Electives</i>		6
<i>Free Electives</i>		6

Year 3 Term 3

Course or Activity	Prerequisites	Credits
SCIF3010 Graduation Portfolio	SCIF1000	0
<i>Employability Experiences</i>		6
<i>General Education</i>		6

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