

Bachelor of Science 3970 – MATHN1 Physical Oceanography – T3

2026 START

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Program: Science [3970]

Year 1 Term 3

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

Year 2 Term 1

Course or Activity	Prerequisites	Credits
<i>MATH1231 or MATH1241</i>		6
<i>Free Electives</i>		6
<i>General Education</i>		6

Year 2 Term 2

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

Year 2 Term 3

Course or Activity	Prerequisites	Credits
SCIF1000 Skills in Science		6
<i>PHYS1221 or PHYS1231</i>		6

Year 3 Term 1

Course or Activity	Prerequisites	Credits
MATH2241 Introduction to Atmosphere and Ocean Dynamics		6
MATH2301 Mathematical Computing		6
<i>MATH2011 or MATH2111</i>		6

Year 3 Term 2

Course or Activity	Prerequisites	Credits
<i>MATH2121 or MATH2221</i>		6

<i>Free Electives</i>		6
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Year 3 Term 3

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

Year 4 Term 1

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

Year 4 Term 2

Course or Activity	Prerequisites	Credits
CLIM3001 Climate Systems Science	MATH2241	6
MATH3261 Fluids, Oceans and Climate		6
MSCI3001 Physical Oceanography		6

Year 4 Term 3

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

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