

Thinking about studying physics or astronomy?

Here's just **one way** you might do a **Physics Major** in a Bachelor of Science.

<b>Level 1 Semester 1</b>	<b>PHS1011</b> or <b>PHS1001</b>	<b>MTH1020</b> Analysis of change	<b>Any Level 1 Science unit</b>	<b>Free elective</b>
<b>Level 1 Semester 2</b>	<b>PHS1022</b> or <b>PHS1002</b>	<b>MTH1030</b> Techniques for modelling	<b>Any Level 1 Science unit</b>	<b>Free elective</b>
<b>Level 2 Semester 1</b>	<b>PHS2061</b> Quantum and thermal physics	<b>MTH2010</b> Multivariable calculus	<b>Any Level 2 or 3 Science unit</b>	<b>Free elective</b>
<b>Level 2 Semester 2</b>	<b>PHS2062</b> Electromagnetism and optics	<b>MTH2032</b> Differential equations with modelling	<b>SCI2010</b> Scientific practice and communication	<b>Free elective</b>
<b>Level 3 Semester 1</b>	<b>PHS3101</b> Quantum mechanics	<b>PHS3000</b> Experimental physics	<b>Free elective</b>	<b>Free elective</b>
<b>Level 3 Semester 2</b>	<b>PHS3102</b> Statistical and condensed matter physics	<b>PHS3302</b> Relativity and particle physics	<b>Free elective</b>	<b>Free elective</b>

**Major in  
Physics**

**Minor in  
Mathematics**

**Core Science  
units**

**Free electives in any area  
of study, enough for  
another Major!**

This sample course map is one example of how to follow the course structure for the Bachelor of Science degree enrolled from 2021.

Students studying an advanced or double degree should seek additional enrolment advice from their degree's managing faculty.

Level 2 & 3 Physics & Astronomy units have certain Mathematics units as prerequisites, so it is common to also Minor in Mathematics when doing a Major in Physics or Astrophysics.