Overview

This course provides an introduction to Physics. It is a calculus based course. The course is examined at two levels, with Physics 1A being the lower of the two levels.

Mechanics: particle kinematics in one dimension, motion in two and three dimensions, particle dynamics, work and energy, momentum and collisions, rotation

Thermal physics: temperature, kinetic theory and the ideal gas, heat and the first law of thermodynamics.

Waves: oscillations, wave motion, sound waves.

Assumed Knowledge: HSC Physics and Mathematics Extension 1 or equivalent. If you have not reached this level of physics and mathematics you may wish to take PHYS1111 Fundamentals of Physics before enrolling in this course.
Faculty
Faculty of Science

School
School of Physics

Study Level
Undergraduate

Offering Terms
Term 1, Term 2, Term 3

Campus
Kensington

Indicative contact hours
8

Timetable
Visit timetable website for details
Conditions for Enrolment

Corequisite: MATH1131 or DPST1013 or MATH1141 or MATH1151 or MATH1011
<table>
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<tr>
<th>Course Code</th>
<th>Units</th>
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<tr>
<td>PHYS9120</td>
<td>6 UOC</td>
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<tr>
<td>Mechanics for Teachers</td>
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<tr>
<td>DPST1023</td>
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<tr>
<td>Higher Physics 1A</td>
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<td>PHYS1131</td>
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<td>PHYS1141</td>
<td>6 UOC</td>
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<tr>
<td>Higher Physics 1A (Special)</td>
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Course Outline

To access course outline, please visit:

PHYS1121 Course Outline
Fees

Commonwealth Supported Students  $1191
Domestic Students  $5970
International Students  $5970

DISCLAIMER
Please note that the University reserves the right to vary student fees in line with relevant legislation. This fee information is provided as a guide and more specific information about fees, including fee policy, can be found on the fee website.

For advice about fees for courses with a fee displayed as "Not Applicable", including some Work Experience and UNSW Canberra at ADFA courses, please contact the relevant Faculty.

Where a Commonwealth Supported Students fee is displayed, it does not guarantee such places are available.
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179