Overview

This is an introductory level course in physics for students from all disciplines. The course will cover the methods of Physics, including the following topics: the description of motion; forces and momentum; the dynamics of particles; kinetic and potential energy; the conservation of energy; temperature and thermal equilibrium; specific and latent heat; thermal energy; fluids and fluid flow; oscillations and simple harmonic motion; waves, wave reflection, refraction and interference; the wave nature of light; electric fields and charge; electric potential and energy; electric currents; magnetism; electromagnetic induction and Faraday’s law; early quantum theory and models of the atom; nuclear physics and radioactivity; nuclear energy.

Note: There is no Assumed Knowledge for this course. It also serves as a suitable introduction to Physics for students whose Program requires them to take PHYS1121 or PHYS1131 but who do not have the recommended level of Assumed Knowledge for these courses.
Faculty
Faculty of Science

School
School of Physics

Study Level
Undergraduate

Offering Terms
Term 1, Term 3

Campus
Kensington

Indicative contact hours
9

Timetable
Visit timetable website for details
Conditions for Enrolment

Exclusion: PHYS0001, PHYS1121, PHYS1131 or DPST1023, PHYS1141, PHYS1149
Equivalent Courses

PHYS1199 6 UOC
Physics 1 (Optometry)

PHYS1149 6 UOC
Physics 1A (Aviation)

PHYS1189 6 UOC
Physics 1 (Geomatic Engineering)
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<td>Everyday Physics for Teachers</td>
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<td>PHYS1149</td>
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<td>Physics 1A (Aviation)</td>
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Course Outline

To access course outline, please visit:

PHYS1111 Course Outline
### Fees

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<tr>
<td>Domestic Students</td>
<td>$5970</td>
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<td>International Students</td>
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**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