

.What is it?

Physics is the study of matter and motion through space and time.

Physics - ATAR is the study of the fundamental principals of science. It answers questions as wide ranging as; why did the apple fall? to why does the apple even exist?

You will discover uses for radioactivity, how we use electric and magnetic fields in machines and how our understanding of light and sound helps us communicate. As well as how energy transformations alter not just our world but galaxies too.

From the really small to the really big. Physics covers it all.

for more information

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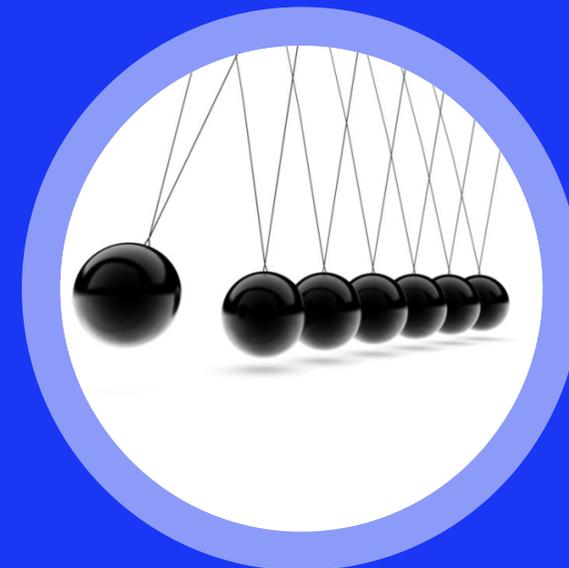
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Visit

Physics.org
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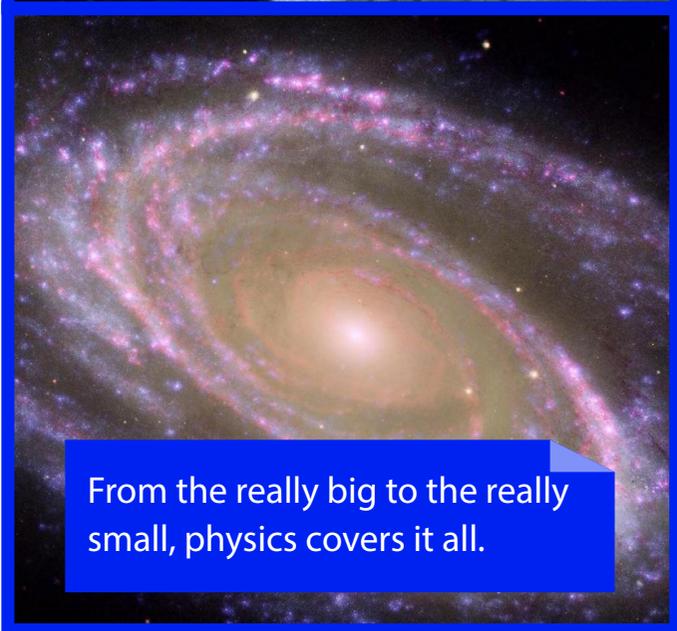
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<http://engineering.curtin.edu.au/>



Physics





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.Why study it?

Time travel, lightsabres, teleportation. These need to happen and only physics will help!

Physics is currently undergoing some big transformations in thinking. The particle collider in Europe has discovered new fundamental particles. While dark matter and dark energy are big mysteries that are still waiting to be solved.

Plus if you are planning on enrolling in Engineering at University then Physics is a prerequisite.

.What do I need?

Physics is focused on scientific analysis and calculations as well as practical lab work.

Students develop a range of practical skills through investigations and hands on experiments. The content requires abstract thinking and strong mathematical capabilities.

Assessment items include:

- Scientific reports
- Tests
- Investigations
- Group projects
- Research
- Exams

.Where will it take me?

Back in time perhaps? Or maybe into space?



An understanding of physics helps to explain how and why everything happens. While Engineering is a common pathway, there are numerous other jobs that require a solid knowledge of how the universe works.

Other career pathways include:

- Astronomer
- Engineer
- Dentist
- Doctor
- Electronics
- Geophysicist
- Mathematician
- Medical Physicist
- Meteorologist
- Mining