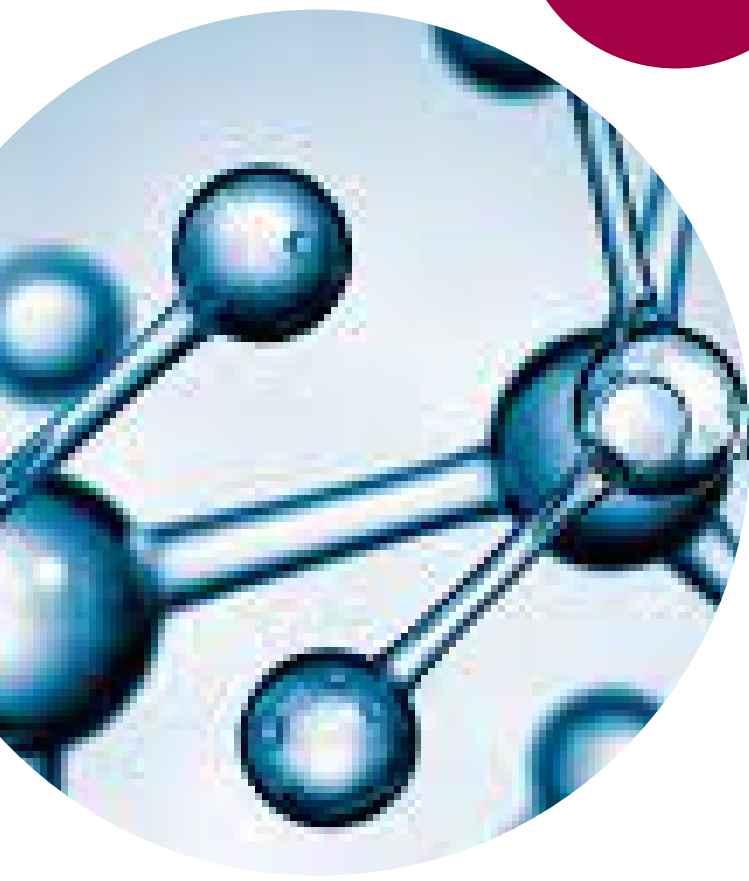


Physics



Physics deals with the study of phenomena on scales of space and time. From nuclear particles and their interactions up to the size and age of the Universe.

ATAR - BOARD DEVELOPED - CATEGORY A

About the Course

The Physics course helps students to develop a greater understanding of physics as a foundation for undertaking post-school studies in a wide range of (STEM) fields. It utilises innovative and creative thinking to address new challenges, such as sustainability, energy efficiency and the creation of new materials. This is a highly academic course that requires a high level of mathematics.

[Find out more here.](#)

What You Will Do

Some of the topics we will cover include Kinematics, Dynamics, Waves and Thermodynamics, Electricity and Magnetism, Advanced Mechanics, Electromagnetism, Light, and From the Universe to the Atom. As well as the theoretical component of the course, practical activities are a core component. There is a large amount of mathematics involved.

Future Opportunities

Physics is suited to students wishing to study Physics, Astronomy or Engineering at University or considering entering the Military as a Pilot or Officer.