



OLLSCOIL NA
GAILLIMH
UNIVERSITY
OF GALWAY

Coláiste na hEolaíochta
& na hInnealtóireachta

College of Science
& Engineering



GY301 Science (Bachelor) Physics and Applied Physics

University
ofGalway.ie

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Why choose this course?

The GY301 Bachelor of Science degree programme allows you to take a variety of subjects in Science before you decide which area to specialise in for the final year of your four-year honours degree.

You have the flexibility to discover your unique interests and build a tailored skillset, specialising step-by-step as you progress from year to year.

Physics and Applied Physics is one such pathway of study offered within the GY301 Science programme.

Course Overview

Physics is the fundamental science, which helps us to understand the basic laws describing properties and interactions of matter, the nature of energy and the physical forces that form our world. It ranges from the nature of the short-range forces which operate inside the atomic nucleus to the origin and structure of the universe itself. In studying Physics and Applied Physics, students work at forefront of physics and

technology, applying elite technical skills and a deep understanding of physical concepts to the application and development of technology in order to solve scientific, engineering and societal problems.

Career Opportunities

The skills gained in a degree specialising in Physics and Applied Physics equip graduates to work in a diverse range of careers, including high-tech industries (communications, electronics, optics and photonics, semiconductors, and medical devices), within the second- and third-level education sectors, meteorological, the environmental and medical sciences, finance, and software design. A physics degree can also lead to an exciting career in research at the frontier of science and technology.

Duration

4 years



Find out more
School of Natural Sciences



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