



OLLSCOIL NA
GAILLIMH
UNIVERSITY
OF GALWAY

Coláiste na hEolaíochta
& na hInnealtóireachta

College of Science
& Engineering



GY301 Science (Bachelor) Physics and Climate Physics

University
ofGalway.ie

GY301 Science (Bachelor) Physics and Climate Physics

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 scientific area to specialise in for 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 Climate Physics is one such pathway of study offered within the GY301 Science programme.

Course Overview

The Physics and Climate Physics Degree Pathway focuses on understanding climate change from a rigorous-science perspective, learning about the causes and effect of climate change, and the technology to monitor changes in our climate system. Studying this pathway will equip students with the skills and knowledge to apply a deep understand of physics concepts and emerging technology to the design and implementation of effective climate solutions.

This Institute of Physics accredited pathway consists of core physics modules throughout, supported by a strong foundation in chemistry, earth and ocean sciences.

Career Opportunities

A degree in physics is an excellent basis for employment in high technology industries (e.g., communications, electronics, optics and photonics, semiconductors, and medical devices) and also within the second- and third-level education sectors, meteorology and the environmental and medical sciences, finance, and software design.

The Physics and Climate Physics degree pathway offers an excellent opportunity for students to apply their advanced scientific training to climate and environmental solutions including earth system monitoring, satellite remote sensing, and environmental risk management.

Duration

4 years



Find out more
School of Natural Sciences



Dr Liz Coleman
GY301 Physics co-ordinator
physics@universityofgalway.ie

University
ofGalway.ie

