



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

Master of Education (M.Ed.) in Science Education

Why Choose an M.Ed. in Science Education?

This course gives students the academic and practical skills they need to develop a critical understanding of the role of science in society.

The course explores the scientific method through theories of learning and engagement while providing opportunities for students to experience frontier research in science education, research and communication.

Modules are delivered by scientists, educators and experts from both the School of Education and Science Gallery Dublin.

Structure

The programme has taught and research components and may be taken on a one year full-time basis or on a two year part-time basis.

The taught component includes four modules each including 25 hours of direct contact time.

Modules are organised outside of normal work hours, such as during the evenings and at weekends, and are held in Trinity College.

The research component involves carrying out a research project and completing a dissertation under the guidance of a supervisor.

Who is this Course for?

The course is suited to science educators at all levels.

It is especially suitable for individuals who wish to gain the academic theory and research skills needed to enhance their career opportunities.

This programme also caters for students with backgrounds in social science and humanities who have a professional interest in science or education.

Course Modules

- 1. Academic Literacy and Research Methods*
- 2. Science in Society*
The role of science in society, including: citizen science, history, politics and ethics.
- 3. Learning Theories*
Academic theories that inform science education in both formal and informal education regimes.
- 4. Communicating Science*
Best practices for public engagement and communicating science, including: media, evaluation, publishing and reflective practice.
- 5. Frontier Research & Current Debates*
Pressing topics and concerns in the field.

Applications Now Open

www.tcd.ie/education/programmes/masters/science

The Master of Education (M.Ed.) in Science Education is a School of Education programme at Trinity College Dublin. For further information: email Master.Education@tcd.ie, call +353 (0)1 896 3568 or +353 (0)1 896 1290 and find us on Twitter: @ScienceTCD.

