

# Physics



## Syllabus

The syllabus emphasises the experimental nature of Physics and its application. It aims to develop an appreciation of Physics as a creative activity and to develop an understanding of the beauty and simplicity of nature.

Breakdown of the course:

- Pure Science 70%
- Application of science 22.5%
- Science for citizens 7.5%



## Recommendations

Physics is a subject requiring dedication consistency. Therefore students taking option should:

- Be hardworking, attentive and consistent
- Enjoy problem solving
- Enjoy both theoretical and practical work



## Requirements

Physics is required to study:

- Theoretical Physics in TCD
- Electrical Engineering in UCC

It is an important subject for:

- Medicine
- Physiotherapy
- Radiography
- Engineering
- Architecture
- Construction Studies

## Examination



3 Hour Written exam in June

Section A [120 marks]

Answer 3 from 4 questions on  
Mandatory Experiments

Section B [180 marks]

Answer 5 from 8 questions on theory,  
problem solving and experiments

## Possible Career Options

- ★ Engineering
- ★ Radiography
- ★ Physiotherapy

- ★ Electronics
- ★ Architecture

- Useful for
- ★ Electrician
  - ★ Plumber
  - ★ Carpenter

