

# School of Mathematical Sciences

## DT8248 BSc (Hons) Mathematics (part time)

### Description

BSc (Hons) Mathematics (DT8248), is a two-year, part-time programme, delivered in the evenings so that study can be balanced with work and personal life. The programme is suitable for anyone with an interest in mathematics, who wishes to develop their mathematical understanding from general or pass degree level to honours-degree level.

Graduates of the programme have a strong knowledge of mathematics and are eligible to directly enter the School's part-time postgraduate programmes or research.

### Who is it for?

The BSc (Honours) in Mathematical Sciences (DT8248) is a part-time honours qualifications that equips graduates with knowledge and understanding of advanced mathematical topics and techniques allowing them to advance their careers and take on senior roles in business and industry.

This programme is ideal for those with a strong mathematical background wishing to study in depth an important and fundamental discipline and to improve their analytical and problem-solving skills. Students choose this programme to advance their career, progress to postgraduate study or simply to enjoy mathematics.

### Careers

Advanced, applicable mathematical skills are extremely important modern graduate attributes. Graduates of this programme will be in a good position to advance their careers or embark on high-achieving careers in industry, commerce, or the professions in data analysis, statistical, financial and mathematical modelling roles.

*...more details overleaf...*

#### For more information

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School of Mathematical Sciences

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## Features & content

- upskill and develop the advance mathematical and modelling skills required for high-calibre careers in the modern workplace
- a flexible qualification recognised by employers and professional bodies
- employment opportunities across different sectors
- part of a ladder of qualifications from higher certificate to MSc and research
- graduates are eligible for direct entry to the School's postgraduate programmes
- delivered in the evenings in central Dublin
- study with other part-time learners
- support from friendly, approachable and experienced lecturers
- topics include: mathematical methods; analysis; plus optional topics from across mathematical science e.g. quantum mechanics; financial mathematics; advanced algebra

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This was a positive and rewarding experience. Throughout this stage, and previous, I have been impressed with, in particular, the level of guidance and support by the tutors, and the number of choices in terms of topics offered by each of the stages. I entered the program with no clear goals, other than wanting to know more mathematics, but the outcome is that I can now pursue a career goal of transitioning from software engineer to being a data engineer or data scientist, something that is highly valuable in today's working environment

*Torlach R., graduate*

## Entry Requirements

A BSc (Ord) in Mathematics **OR** a NFQ level 7 qualification where Mathematics was taken as a major subject for three years.

*Recognition of prior learning will be used to assess the equivalence of other qualifications & experience*

## Other part-time study opportunities

- higher certificate (DT6248), ordinary degree (DT7248) programmes
- MSc Applied Mathematics (September: DT9210 / January: DT9212)
- MSc Mathematical Physics (DT9206)
- part-time degrees by research (MPhil & PhD)
- Postgraduate Certificate in Applied Statistics (DT9002)
- CPD Diploma in Data Analysis for Professionals (DT8998)

**There is a programme to suit every entry point!**

*Individual modules can be studied as standalone CPD courses (please contact us).*