Computing, Digital and Data
Technological University Dublin, Ireland

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TU DUBLIN
TECHNOLOGICAL UNIVERSITY DUBLIN

Postgraduate Programmes

Part Time

- MSc in Computing in Applied Cybersecurity
- MSc in Applied Data Science and Analytics
- MSc in Computer Science (Advanced Software Development)
- MSc in Computer Science (Data Science)
- MSc in Computing with DevOps (Development Operations)
- MSc in Human Centered Artificial Intelligence
- MSc in Software Solutions Architecture
- Higher Diploma in Computing
- Postgraduate Certificate in Applied Statistics
- Postgraduate Certificate in Cybersecurity Development Specialist
- Postgraduate Certificate in Data Science
- Postgraduate Certificate in Fundamentals of Data Science
- Postgraduate Certificate in Applied Data Science and Analytics

Full Time

- MSc in Data Analytics
- MSc in Computing with DevOps (Development Operations)
- MSc in Computing in Applied Cybersecurity
- MSc in Computer Science (Data Science)
- MSc in Computer Science (Advanced Software Development)
- MSc in Computing (Human Centred Artificial Intelligence)
- MSc in Applied Mathematics
- Masters Qualifier Programme

MSc in Applied Data Science and Analytics

Blanchardstown, Part-Time

This fully online programme is designed to accelerate your career in data science while fitting with a busy schedule. It is ideal for individuals working with, or with access to, data in a real context that allows project work to bring relevance to their day job.

MSc in Applied Mathematics

Grangegorman, Full-Time

Applied Mathematics and Statistics are fundamental to understanding processes, systems and data and to the development of new and emerging technologies. This programme caters for those who wish to gain an advanced level of mathematical and statistical knowledge and combine it with insight and proficiency in mathematical modelling and methodologies.

MSc in Computer Science (Advanced Software Development)

Grangegorman, Full-Time or Part-Time

This programme produces graduates with the knowledge and skills to develop the complex software solutions that organizations need to compete in the global digital economy. Career paths for graduates include software developer, software engineer, test engineer, software designer, systems analyst, web developer, and technical consultant.

MSc in Computer Science (Data Science)

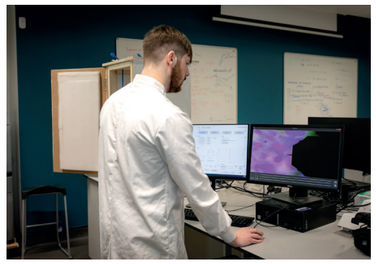
Grangegorman, Full-Time or Part-Time

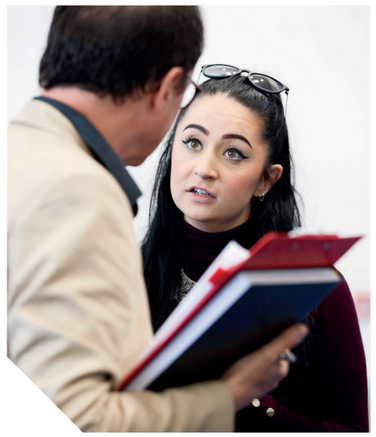
Graduates of this programme are equipped with deep technical skills in data management, data mining, probability and statistics, and machine learning combined with the communications, research and problem solving skills required to work as Data Scientists in a range of organisations.

MSc in Computing in Applied Cybersecurity

Blanchardstown, Full-Time or Part-Time

Graduates of this programme have the skills and knowledge to counter the cybersecurity threat faced by organisations and work as security professionals in a wide range of the business and industry sectors. The programme focuses on developing hands-on skills backed by theoretical knowledge and engages with real world problems encountered by organisations.





MSc in Computing with DevOps (Development Operations)

Tallaght, Full-Time or Part-Time

Graduates of this programme will be effective DevOps professionals who understand not just technology but the interplay between people, processes and technology; who can balance the trade-offs between requirements and costs; who understands business needs and who value effective communication to stakeholders.

MSc in Data Analytics

Grangegorman, Full-Time

This programme addresses a significant and growing skills need in the area of data analytics and data-informed decision making. The programme can be undertaken by people with and without backgrounds in Computing. Specialist versions of the programme are offered in Precision Diagnostics (for the healthcare profession) and Sport.

MSc in Human Centred Artificial Intelligence

Tallaght, Full-Time or Part-Time

Graduates of this programme possess the most up-to-date set of skills in modern Artificial Intelligence (AI) technology from modelling through design and deployment in practice. Graduates are also enabled to address the need for ethical, human-centered safeguards for people where AI is created and deployed.

MSc in Software Solutions Architecture

Tallaght, Part-Time

This programme gives current and potential Software Architects the skills, theory and recognition they need to develop in their role. This programme caters for software architects who want to develop in their role and career, and graduates looking to progress into the emerging field of software architecture to increase their employment potential.

Masters Qualifier Programme

Grangegorman, Full-Time

This programme offers graduates of non-computing disciplines the opportunity to acquire the core knowledge of computing concepts necessary to be eligible for entry to the Masters programmes in Computing in the Faculty of Computing, Digital and Data.

Higher Diploma in Computing

Tallaght or Blanchardstown, Part-Time

This is a conversion programme for students from non-Computing backgrounds. The programme is designed to give students a comprehensive understanding of Computing with specific abilities in the areas of Computing technology and associated best practices. The programme can serve as a foundation for progression to further studies in Computing.

Postgraduate Certificates

In addition to the programmes listed, Technological University Dublin offers the following Postgraduate Certificates in Computing, Digital and Data disciplines. These programmes can be completed in a shorter period than a Masters programme and help students upskill within an area of specialisation.

Postgraduate Certificate in Applied Data Science and Analytics

Postgraduate Certificate in Applied Statistics

Postgraduate Certificate in Cybersecurity in Development Specialist

Postgraduate Certificate in Data Science

Postgraduate Certificate in Fundamentals of Data Science

Microcredentials

Technological University Dublin offers a wide variety of short courses and microcredentials in Computing, Digital and Data disciplines. These courses are offered as upskilling opportunities in focussed areas and are available at undergraduate and postgraduate levels.

Undergraduate Part-Time and Full-Time

Technological University Dublin offers undergraduate programmes in Computing, Digital and Data on a part-time and full-time basis.

Find out More & Apply

For information about fees, schedules, entry requirements, career opportunities and to apply for our programmes, visit the TU Dublin website. To find out more about Computing, Digital and Data in Technological University Dublin, visit tudublin.ie/cdd or scan the QR code.