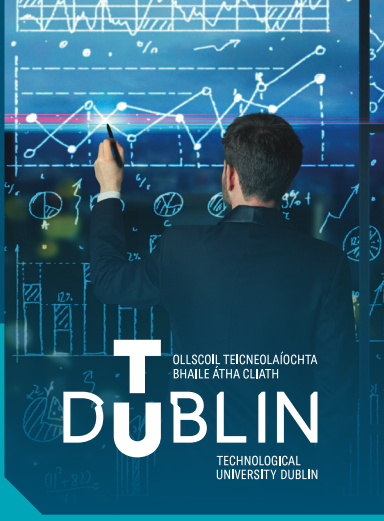
TU874 - BSc (Hons) Level 8

Mathematics & Statistics

(Also leading to TU873 Mathematics & Statistics for Data Science)



‘Mathematics is central to a modern technological world.’

Mathematician and Statistician are repeatedly rated as amongst the very top jobs for graduates with excellent growth, salaries and job satisfaction.

Mathematics & Statistics is therefore a qualification that is in very high demand and uniquely relevant to modern careers and technologies.

How do I apply?

Applications for both programmes are via TU874 on the CAO

Minimum Entry Requirements

Leaving Certificate Requirements

Minimum Number Of	
Subjects	Higher
6	2H5's
Minimum Grade In	
Maths or Applied Maths	English or Irish
O2/H6	O6/H7

Who is it for?

Anyone who enjoys problem solving can study mathematics and our students come from a wide variety of backgrounds.

Our programmes develop the knowledge, skills and understanding required to solve complex problems and to apply analytic techniques to practical situations.

Mathematics & Statistics graduates have flexible and highly transferable skills (i.e. problem solving, analytical and digital skills, presentation and report writing skills, etc.), sought after across a wide range of sectors.

Our graduates are critical thinkers and career ready, making Mathematics & Statistics an extremely flexible qualification and an excellent degree choice.

What will I study?

The programme is a four-year honours degree and develops a deep understanding of mathematics and statistics. Students meet real-world case studies and complete a **six-month work placement** in their third year at one of our partner companies. Students develop practical mathematical and statistical modelling skills, gain software skills and work in groups. Students also work on their career development in preparation for their work placement and their future careers.

Contact:
maths.admin@tudublin.ie

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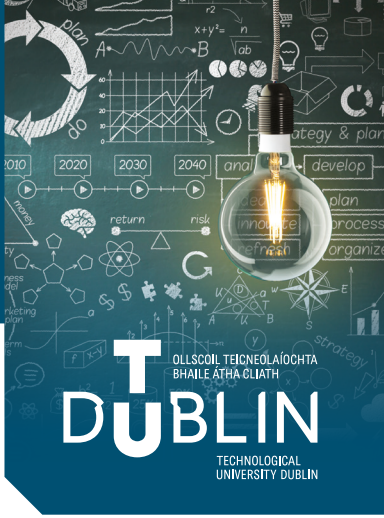

"The thing I enjoy the most is problem solving and mathematics is all about problem solving. The course was stimulating, engaging and challenging."

-Olaa, Collections Analyst, TU874 Graduate

What careers do graduates join?

Financial Analyst, Data Scientist, Statistician, Meteorologist, Investment Analyst, Actuary, Risk Management Consultant, Researcher.

High-level mathematical and statistical skills are also required across a wide number of sectors, e.g.: Financial Services, IT and computing/AI, Pharmaceutical/Healthcare, Biosciences, Engineering, Environmental/ Business consultancies, Telecommunications, Manufacturing, Education – teaching second and third level, Research Institutions.

Why study at TUDublin?

We are the first Technological University in Ireland and, being one of the biggest universities, offer an all-round student experience. Lecturers are friendly and experienced educators. Mathematics & Statistics is part of the state-of-the-art Grangegorman development – a new, purpose-built campus, in the heart of Dublin, with 21st-century facilities.

"My work placement was a valuable springboard into a long and varied career in analytics. The course was fantastic because it gave me such a broad baseline in mathematics, which opened so many different doors and career paths to me." - Alan, AVP Data Science, International, LexisNexis Risk Solutions, TU874 Graduate

The school supports gender equality through the provision of a Kastus Scholarship for Women in Mathematics & Statistics.

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kastus®

Athena SWAN Bronze Award
GENDER CHARTER